Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: cttl@chinattl.com http://www.caict.ac.cn

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020
b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor k=2, which for a normal distribution Corresponds to a coverage probability of approximately 95%.

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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	1950 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	40.0	1.40 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	40.7 ± 6 %	1.39 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	10.1 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**40.8 W/kg ± 18.8 % (k=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	250 mW input power	5.18 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**20.9 W/kg ± 18.7 % (k=2)**

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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	47.3Ω+ 2.24jΩ
Return Loss	- 28.9dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.098 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

Manufactured by	SPEAG

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: cttl@chinattl.com http://www.caict.ac.cn

DASY5 Validation Report for Head TSL Date: 2024-11-07

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 1950 MHz; Type: D1950V2; Serial: D1950V2 - SN: 1229

Communication System: UID 0, CW; Frequency: 1950 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1950 MHz; σ = 1.385 S/m; ε_r = 40.68; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(7.95, 7.95, 7.95) @ 1950 MHz; Calibrated: 2024-02-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1588; Calibrated: 2024-09-13
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 103.1 V/m; Power Drift = 0.00 dB

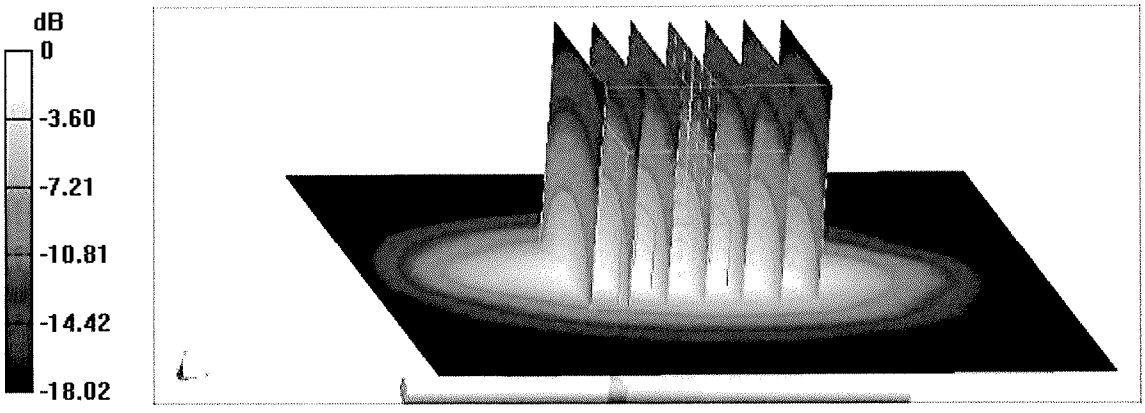
Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.18 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 53.3%

Maximum value of SAR (measured) = 15.9 W/kg



0 dB = 15.9 W/kg = 12.01 dBW/kg

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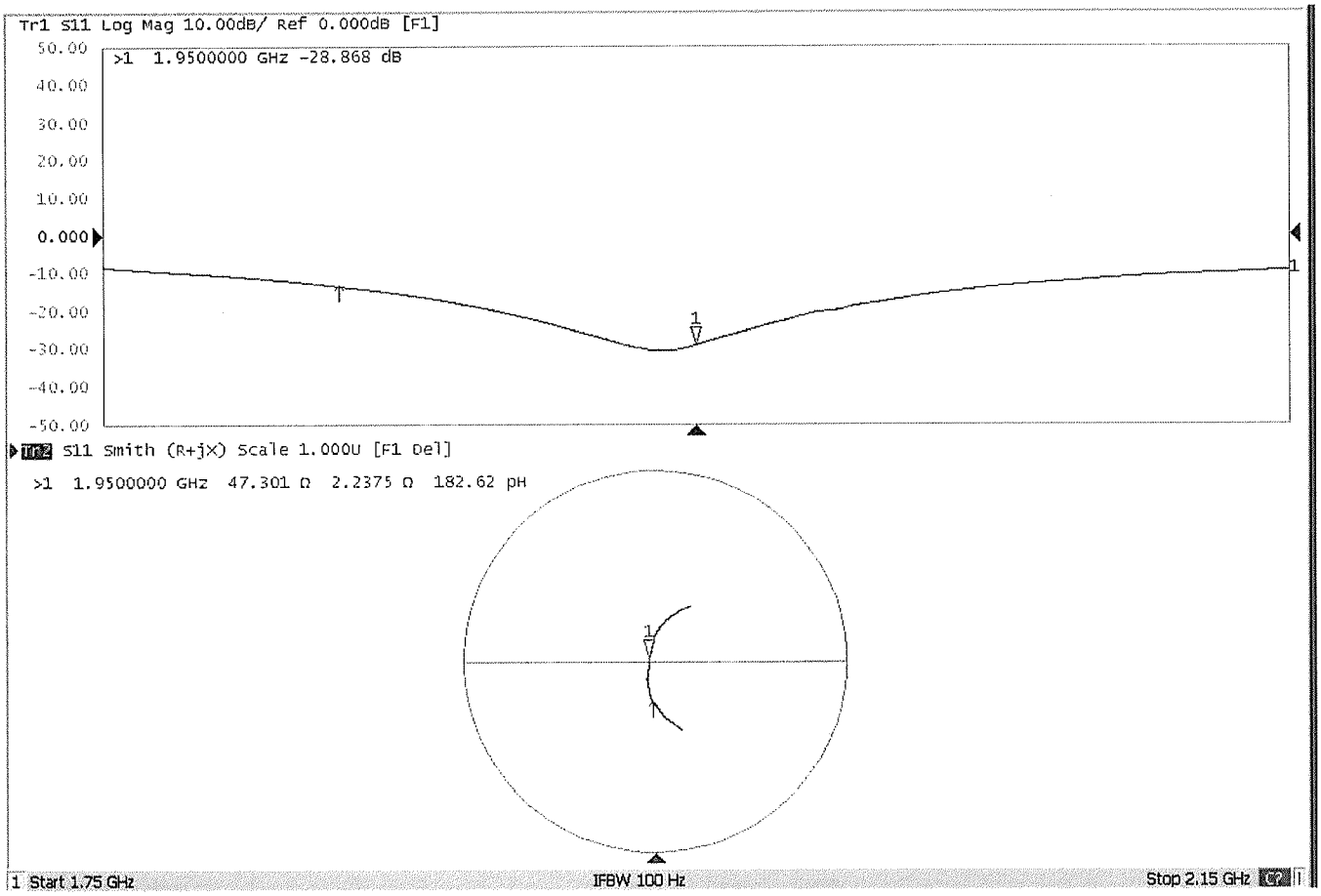
Impedance Measurement Plot for Head TSL



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Client **7layers** **Certificate No: 24J02Z000859**

CALIBRATION CERTIFICATE

Object	D2450V2 - SN: 1048
Calibration Procedure(s)	FF-Z11-003-01 Calibration Procedures for dipole validation kits
Calibration date:	November 6, 2024

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106276	17-May-24 (CTTL, No. J24X04107)	May-25
Power sensor NRP6A	101369	17-May-24 (CTTL, No. J24X04107)	May-25
Reference Probe EX3DV4	SN 7517	21-Feb-24(CTTL-SPEAG, No. 24J02Z80008)	Feb-25
DAE4	SN 1588	13-Sep-24(CTTL-SPEAG, No. 24J02Z000713)	Sep-25
Secondary Standards	**ID #**	**Cal Date (Calibrated by, Certificate No.)**	**Scheduled Calibration**
Signal Generator E4438C	MY49071430	25-Dec-23 (CTTL, No. J23X13426)	Dec-24
NetworkAnalyzer E5071C	MY46110673	25-Dec-23 (CTTL, No. J23X13425)	Dec-24
OCP DAK-3.5(weighted)	1040	22-Jan-24(SPEAG, No.OCP-DAK3.5-1040_Jan24)	Jan-25

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	
Reviewed by:	Lin Jun	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: November 15, 2024

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020

b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor k=2, which for a normal distribution Corresponds to a coverage probability of approximately 95%.

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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2450 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	40.1 ± 6 %	1.81 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.3 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**53.3 W/kg ± 18.8 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	250 mW input power	6.14 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**24.6 W/kg ± 18.7 % (*k*=2)**

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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	47.4Ω+ 9.16jΩ
Return Loss	- 20.2dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.059 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

Manufactured by	SPEAG

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: cttl@chinattl.com http://www.caict.ac.cn

DASY5 Validation Report for Head TSL Date: 2024-11-06

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN: 1048

Communication System: UID 0, CW; Frequency: 2450 MHz

Medium parameters used: f = 2450 MHz; σ = 1.809 S/m; ε_r = 40.08; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(7.37, 7.37, 7.37) @ 2450 MHz; Calibrated: 2024-02-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1588; Calibrated: 2024-09-13
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 107.2 V/m; Power Drift = 0.00 dB

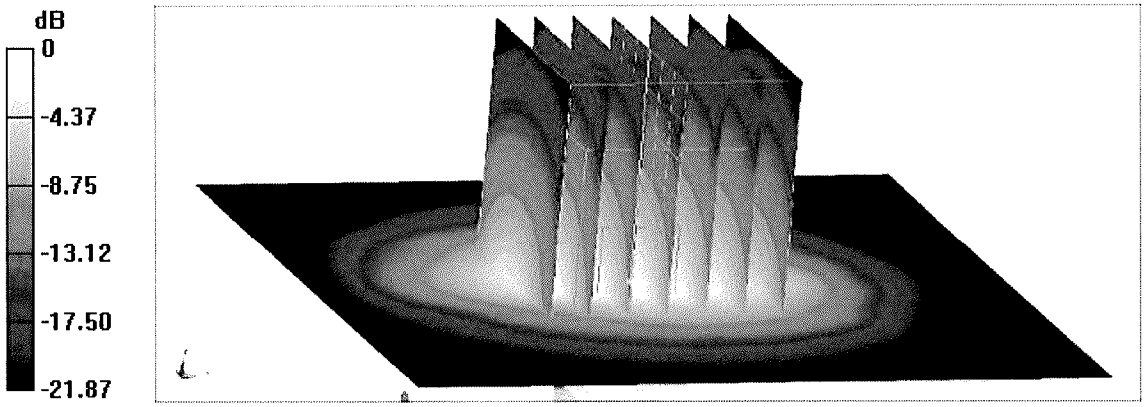
Peak SAR (extrapolated) = 27.1 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.14 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 49.5%

Maximum value of SAR (measured) = 22.1 W/kg



0 dB = 22.1 W/kg = 13.44 dBW/kg

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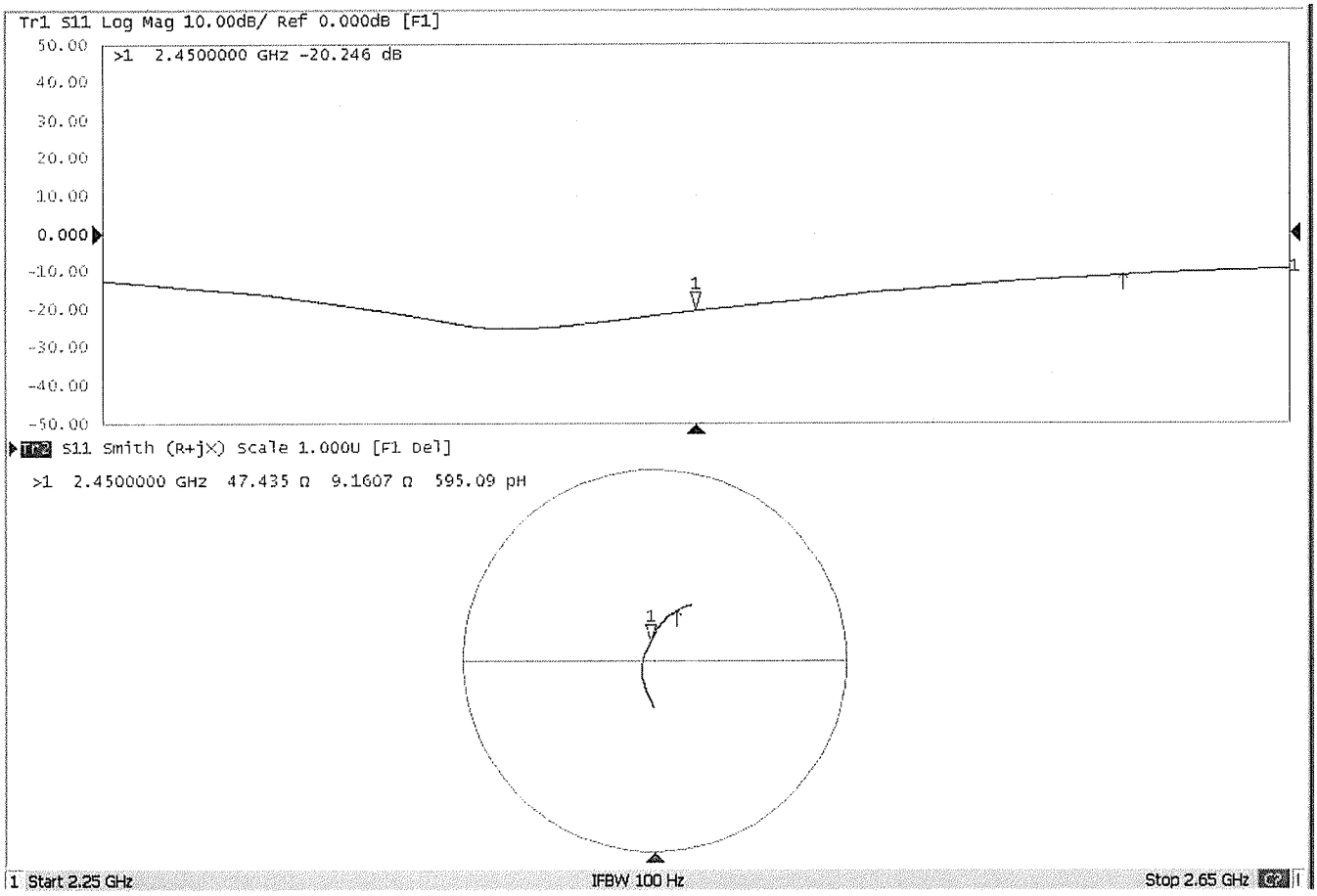
Impedance Measurement Plot for Head TSL



Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client 7-Layers (Auden)

Certificate No: D2550V2-1022_Sep22

CALIBRATION CERTIFICATE

Object	D2550V2 - SN:1022
Calibration procedure(s)	QA CAL-05.v11 Calibration Procedure for SAR Validation Sources between 0.7-3 GHz
Calibration date:	September 22, 2022

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
Power sensor NRP-Z91	SN: 103245	04-Apr-22 (No. 217-03525)	Apr-23
Reference 20 dB Attenuator	SN: BH9394 (20k)	04-Apr-22 (No. 217-03527)	Apr-23
Type-N mismatch combination	SN: 310982 / 06327	04-Apr-22 (No. 217-03528)	Apr-23
Reference Probe EX3DV4	SN: 7349	31-Dec-21 (No. EX3-7349_Dec21)	Dec-22
DAE4	SN: 601	31-Aug-22 (No. DAE4-601_Aug22)	Aug-23

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: MY41093315	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-20)	In house check: Oct-22
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-22

	Name	Function	Signature
Calibrated by:	Jeton Kastrati	Laboratory Technician	
Approved by:	Sven Kühn	Technical Manager	

Issued: September 23, 2022

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The source is mounted in a touch configuration below the center marking of the flat phantom.
- *Return Loss:* This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2550 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	39.1	1.91 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.4 ± 6 %	1.95 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.5 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**53.0 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm^3 (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.13 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**24.2 W/kg ± 16.5 % (k=2)**

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	52.0 Ω - 4.0 jΩ
Return Loss	- 27.1 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.157 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

DASY5 Validation Report for Head TSL

Date: 22.09.2022

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2550 MHz; Type: D2550V2; Serial: D2550V2 - SN:1022

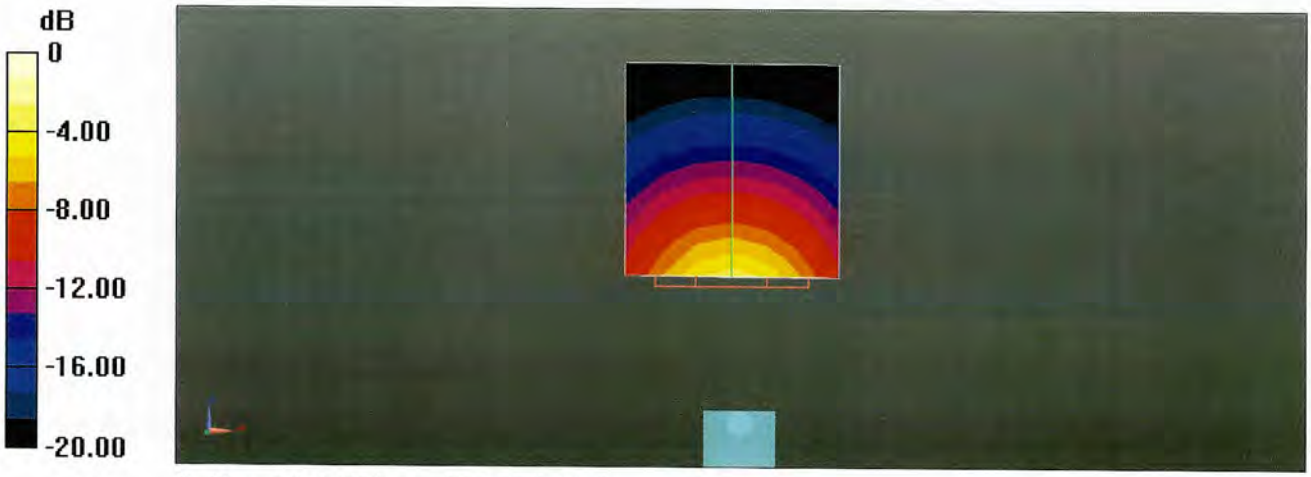
Communication System: UID 0 - CW; Frequency: 2550 MHz
Medium parameters used: f = 2550 MHz; σ = 1.95 S/m; ε_r = 37.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(7.85, 7.85, 7.85) @ 2550 MHz; Calibrated: 31.12.2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 31.08.2022
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

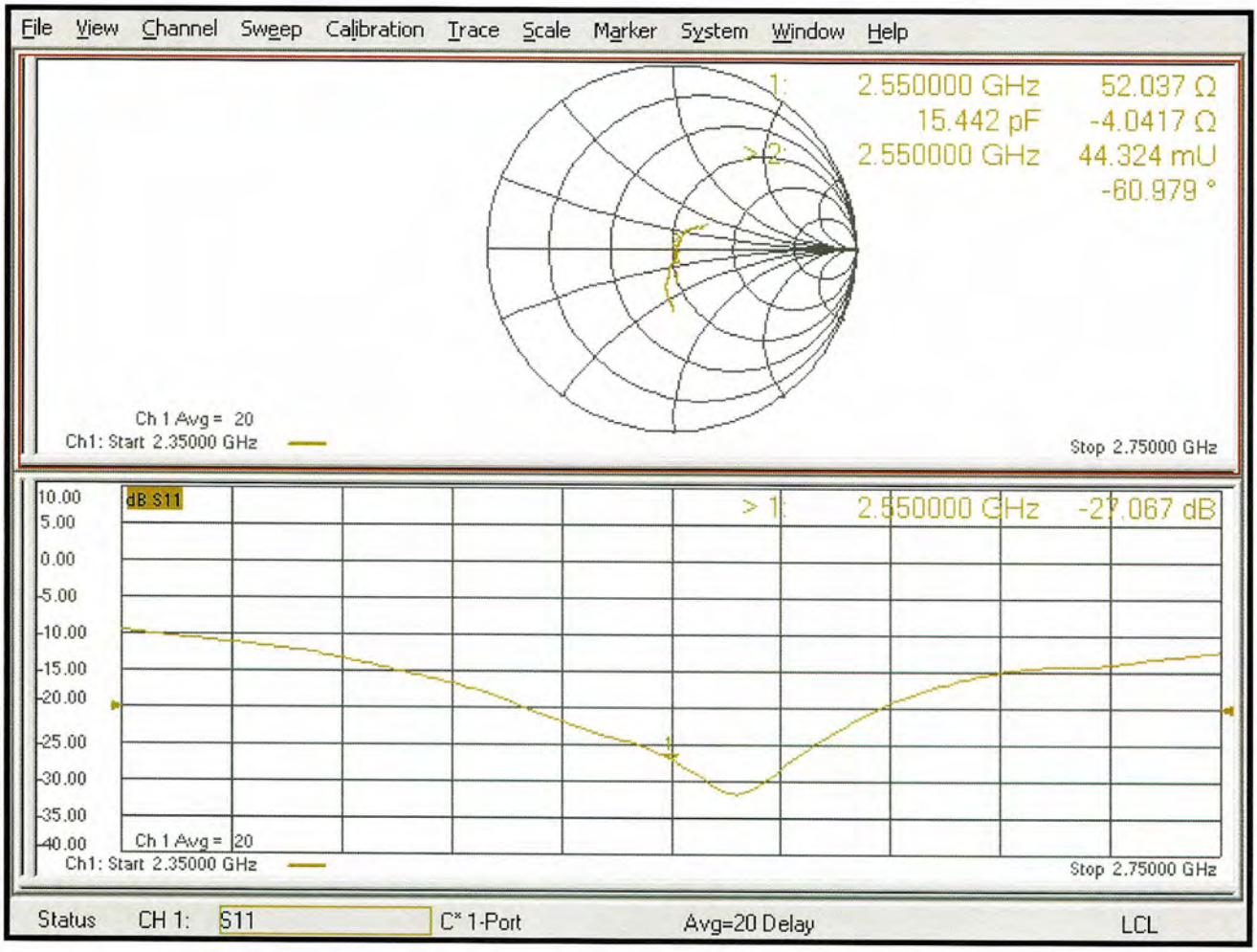
Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 113.1 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 27.5 W/kg
SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.13 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 49%
Maximum value of SAR (measured) = 22.6 W/kg



0 dB = 22.6 W/kg = 13.54 dBW/kg

Impedance Measurement Plot for Head TSL



D2550V2 - SN: 1022 Extended Dipole Calibrations

Referring to KDB 865664 D01, if dipoles are verified in return loss (<-20dB, within 20% of prior calibration), and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended.

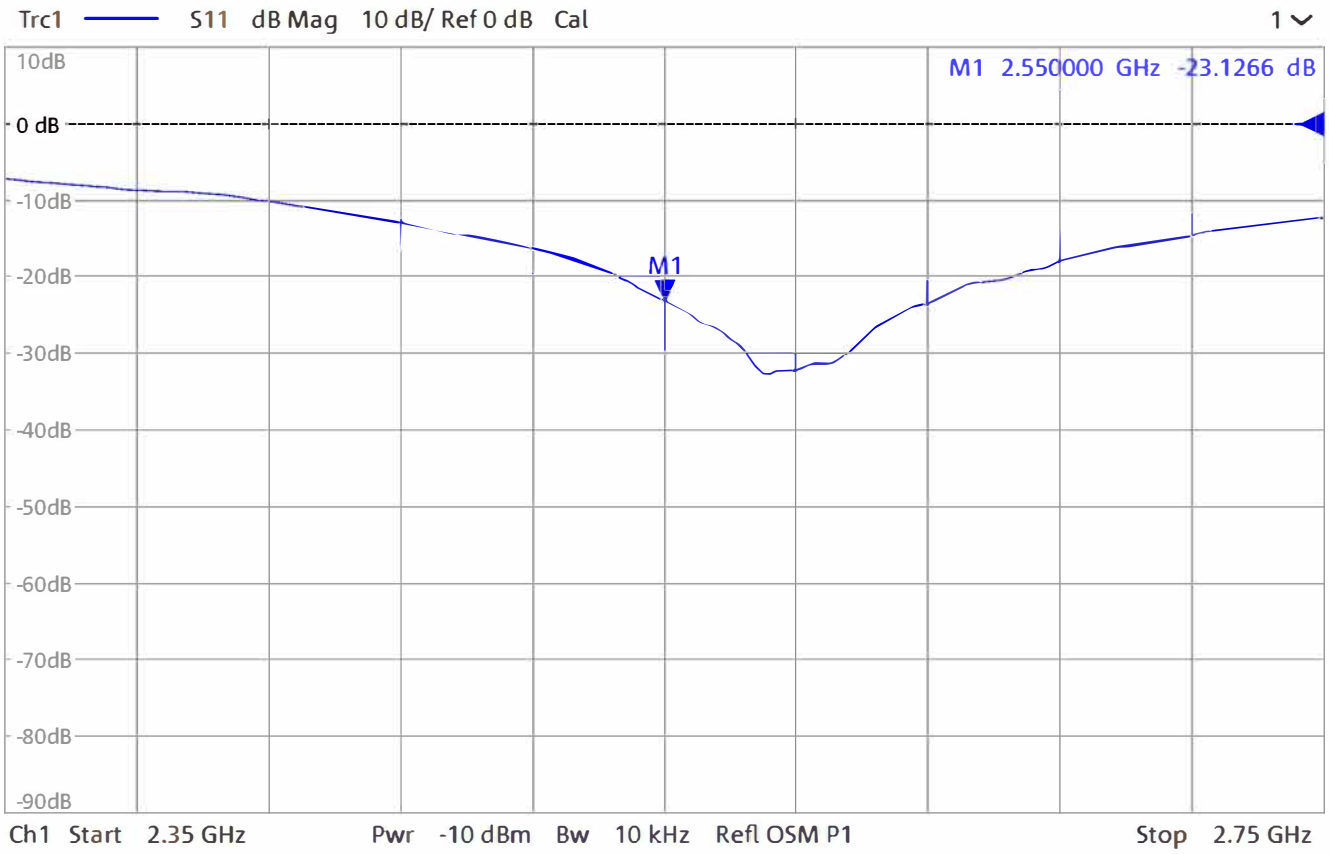
D2550V2 - SN: 1022						
2550MHz Head						
Date of Measurement	Return-Loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
9.22.2022	-27.1		52		-4	
9.21.2023	-23.13	-14.66	54.77	2.77	-5.52	-1.52

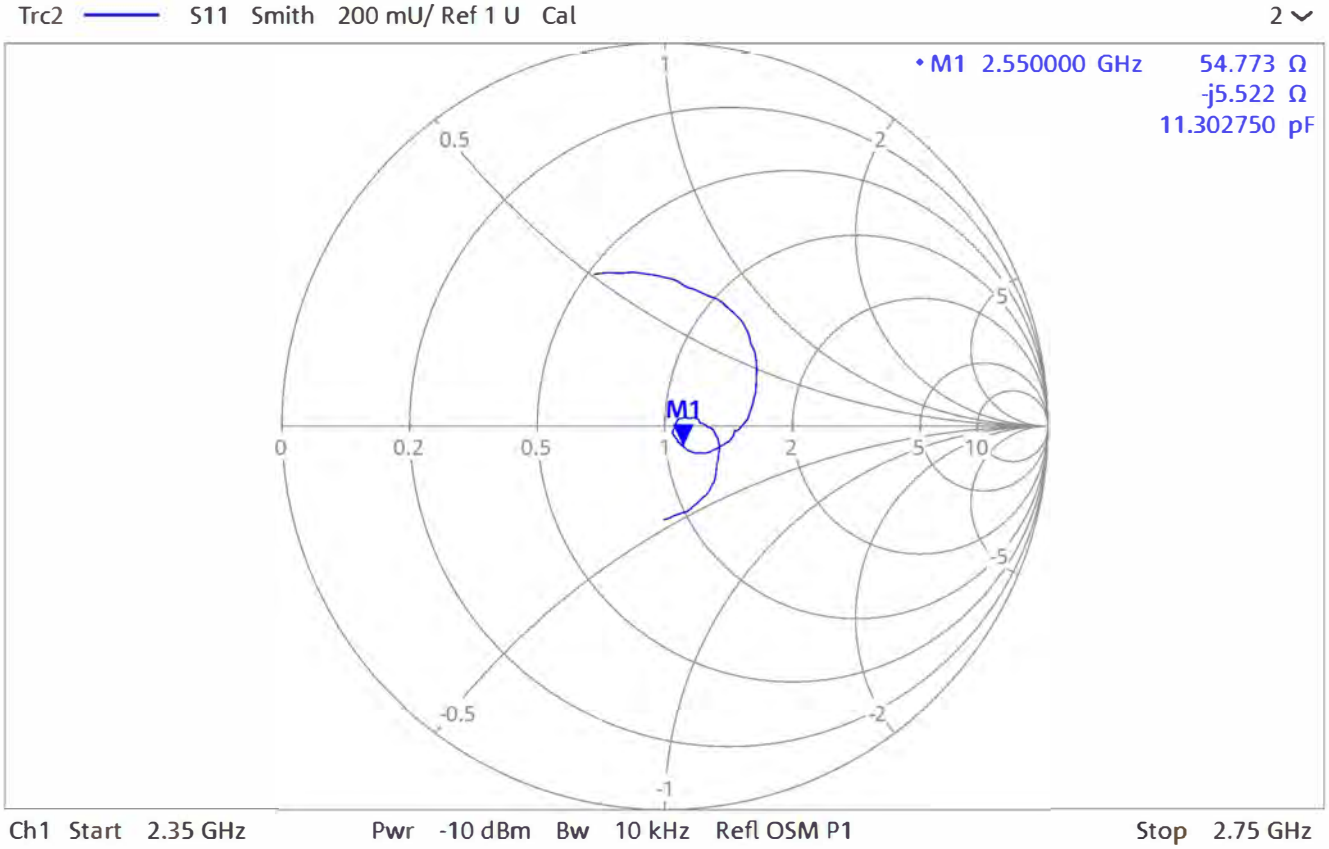
<Justification of the extended calibration>

The return loss is < -20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

<Dipole Verification Data>

Head 2550MHz _2023.09.21





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Client 7layers **Certificate No: 24J02Z000860**

CALIBRATION CERTIFICATE

Object	D3500V2 - SN: 1111
Calibration Procedure(s)	FF-Z11-003-01 Calibration Procedures for dipole validation kits
Calibration date:	November 11, 2024

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106276	17-May-24 (CTTL, No. J24X04107)	May-25
Power sensor NRP6A	101369	17-May-24 (CTTL, No. J24X04107)	May-25
Reference Probe EX3DV4	SN 7517	21-Feb-24(CTTL-SPEAG, No. 24J02Z80008)	Feb-25
DAE4	SN 1588	13-Sep-24(CTTL-SPEAG, No. 24J02Z000713)	Sep-25
Secondary Standards	**ID #**	**Cal Date (Calibrated by, Certificate No.)**	**Scheduled Calibration**
Signal Generator E4438C	MY49071430	25-Dec-23 (CTTL, No. J23X13426)	Dec-24
NetworkAnalyzer E5071C	MY46110673	25-Dec-23 (CTTL, No. J23X13425)	Dec-24
OCP DAK-3.5(weighted)	1040	22-Jan-24(SPEAG, No.OCP-DAK3.5-1040_Jan24)	Jan-25

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	
Reviewed by:	Lin Jun	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: November 15, 2024

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Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020

b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor k=2, which for a normal distribution Corresponds to a coverage probability of approximately 95%.

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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	3400 MHz ± 1 MHz 3500 MHz ± 1 MHz	

Head TSL parameters at 3400 MHz

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	38.0	2.81 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.0 ± 6 %	2.80 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 3400 MHz

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.74 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**67.5 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.55 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**25.5 W/kg ± 24.2 % (*k*=2)**

Head TSL parameters at 3500 MHz

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	37.9	2.91 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.8 ± 6 %	2.92 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 3500 MHz

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.58 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**65.7 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.48 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**24.8 W/kg ± 24.2 % (*k*=2)**

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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL at 3400 MHz

Impedance, transformed to feed point	42.4Ω- 0.85jΩ
Return Loss	- 21.6dB

Antenna Parameters with Head TSL at 3500 MHz

Impedance, transformed to feed point	48.6Ω+ 3.70jΩ
Return Loss	- 27.9dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.043 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

Manufactured by	SPEAG

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DASY5 Validation Report for Head TSL Date: 2024-11-11

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 3500 MHz; Type: D3500V2; Serial: D3500V2 - SN: 1111

Communication System: CW; Frequency: 3400 MHz, CW; Frequency: 3500 MHz,
Medium parameters used: f = 3400 MHz; σ = 2.8 S/m; ε_r = 38.04; ρ = 1000 kg/m^3,
Medium parameters used: f = 3500 MHz; σ = 2.922 S/m; ε_r = 37.75; ρ = 1000 kg/m^3,
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(6.95, 6.95, 6.95) @ 3400 MHz; ConvF(6.72, 6.72, 6.72) @ 3500 MHz; Calibrated: 2024-02-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1588; Calibrated: 2024-09-13
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration /Pin=100mW, d=10mm, f=3400 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 57.90 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 17.0 W/kg
SAR(1 g) = 6.74 W/kg; SAR(10 g) = 2.55 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 77.3%
Maximum value of SAR (measured) = 12.2 W/kg

Dipole Calibration /Pin=100mW, d=10mm, f=3500 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 56.01 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 6.58 W/kg; SAR(10 g) = 2.48 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 76.5%
Maximum value of SAR (measured) = 12.1 W/kg

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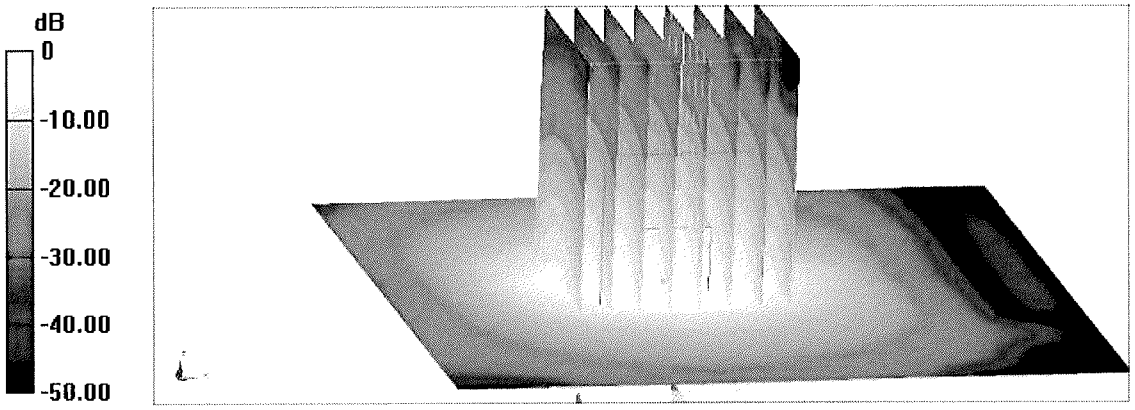

0 dB = 12.1 W/kg = 10.83 dBW/kg

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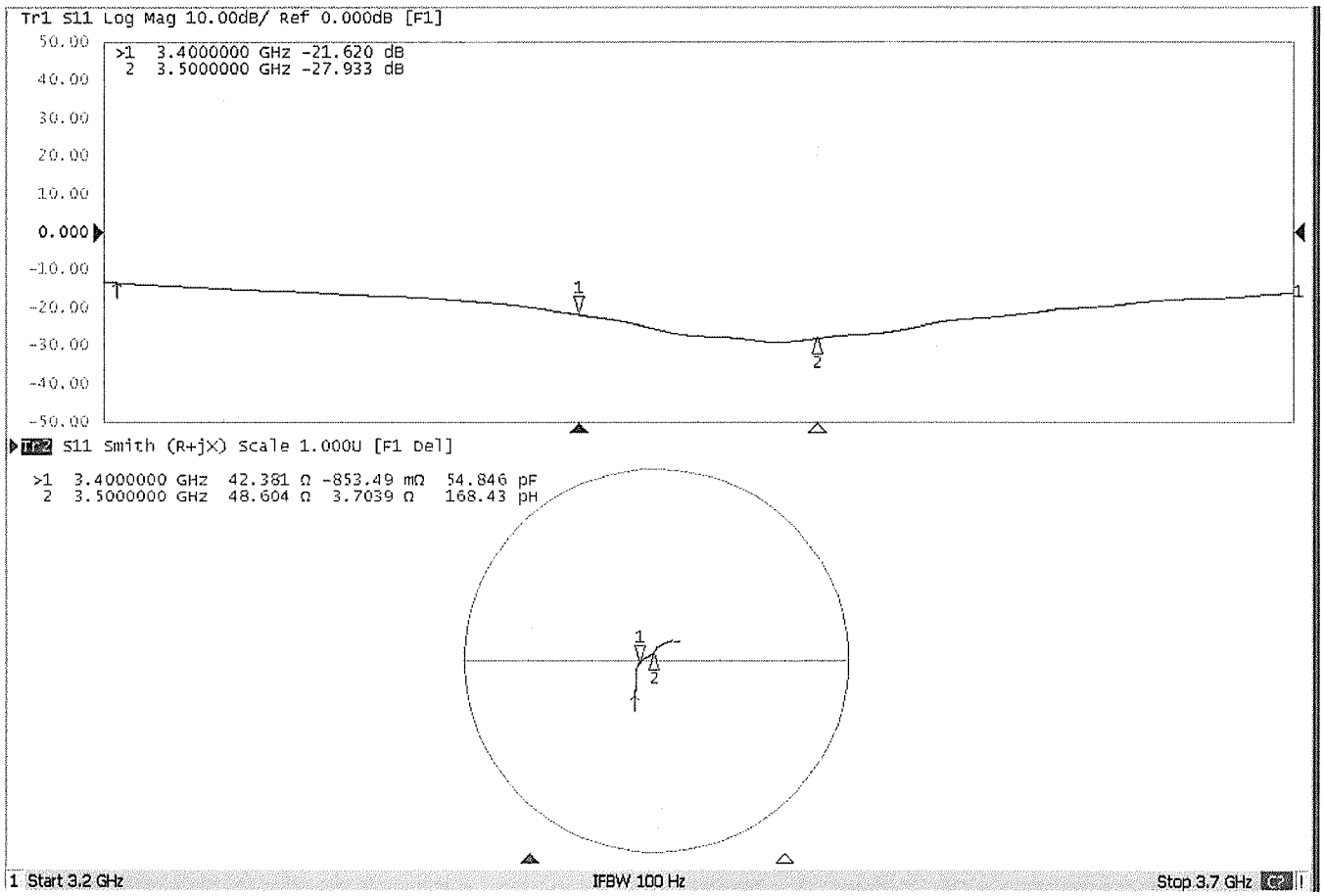
Impedance Measurement Plot for Head TSL



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Client 7layers **Certificate No: 24J02Z000861**

CALIBRATION CERTIFICATE

Object D3700V2 - SN: 1082

Calibration Procedure(s) FF-Z11-003-01
Calibration Procedures for dipole validation kits

Calibration date: November 8, 2024

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)℃ and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106276	17-May-24 (CTTL, No. J24X04107)	May-25
Power sensor NRP6A	101369	17-May-24 (CTTL, No. J24X04107)	May-25
Reference Probe EX3DV4	SN 7517	21-Feb-24(CTTL-SPEAG, No. 24J02Z80008)	Feb-25
DAE4	SN 1588	13-Sep-24(CTTL-SPEAG, No. 24J02Z000713)	Sep-25
Secondary Standards	**ID #**	**Cal Date (Calibrated by, Certificate No.)**	**Scheduled Calibration**
Signal Generator E4438C	MY49071430	25-Dec-23 (CTTL, No. J23X13426)	Dec-24
NetworkAnalyzer E5071C	MY46110673	25-Dec-23 (CTTL, No. J23X13425)	Dec-24
OCP DAK-3.5(weighted)	1040	22-Jan-24(SPEAG, No.OCP-DAK3.5-1040_Jan24)	Jan-25

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	
Reviewed by:	Lin Jun	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: November 15, 2024

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Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020

b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor k=2, which for a normal distribution Corresponds to a coverage probability of approximately 95%.

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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	3700 MHz ± 1 MHz	

Head TSL parameters at 3700 MHz

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	37.7	3.12 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.0 ± 6 %	3.11 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 3700 MHz

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.68 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**66.6 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.43 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**24.2 W/kg ± 24.2 % (*k*=2)**

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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL at 3700 MHz

Impedance, transformed to feed point	44.6Ω+ 2.53jΩ
Return Loss	- 24.0dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.048 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

Manufactured by	SPEAG

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DASY5 Validation Report for Head TSL Date: 2024-11-08

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 3700 MHz; Type: D3700V2; Serial: D3700V2 - SN: 1082

Communication System: UID 0, CW; Frequency: 3700 MHz;

Medium parameters used: f = 3700 MHz; σ = 3.108 S/m; ε_r = 37.04; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(6.56, 6.56, 6.56) @ 3700 MHz; Calibrated: 2024-02-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1588; Calibrated: 2024-09-13
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration /Pin=100mW, d=10mm, f=3700 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.22 V/m; Power Drift = -0.02 dB

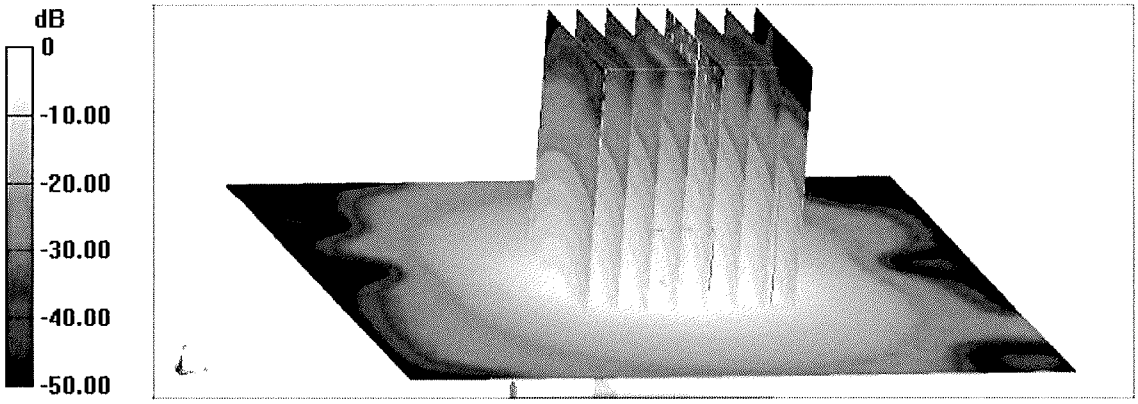
Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 6.68 W/kg; SAR(10 g) = 2.43 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 75.1%

Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 12.6 W/kg = 11.00 dBW/kg

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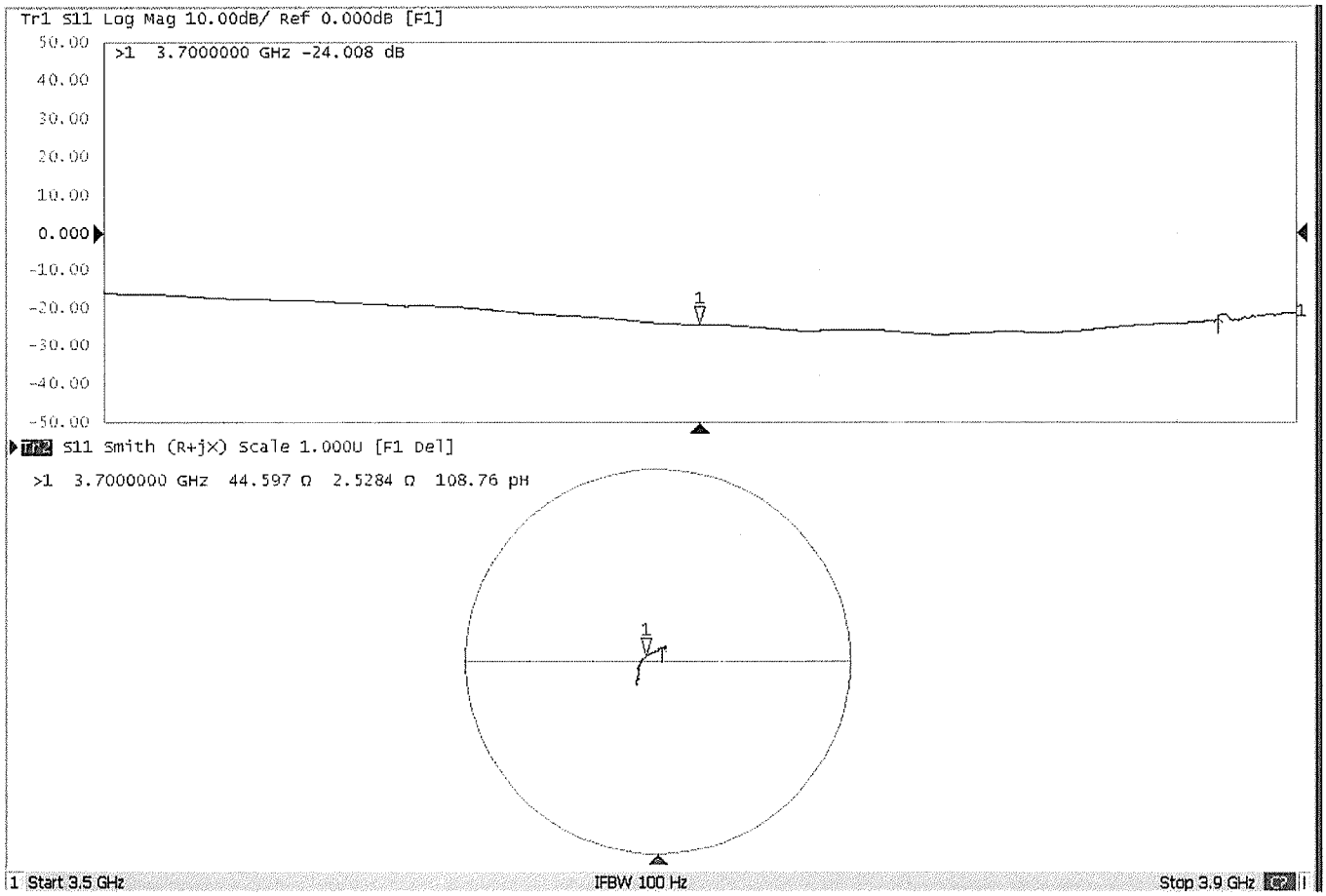
Impedance Measurement Plot for Head TSL



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Client 7layers **Certificate No: 24J02Z000862**

CALIBRATION CERTIFICATE

Object	D3900V2 - SN: 1055
Calibration Procedure(s)	FF-Z11-003-01 Calibration Procedures for dipole validation kits
Calibration date:	November 7, 2024

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106276	17-May-24 (CTTL, No. J24X04107)	May-25
Power sensor NRP6A	101369	17-May-24 (CTTL, No. J24X04107)	May-25
Reference Probe EX3DV4	SN 7517	21-Feb-24(CTTL-SPEAG, No. 24J02Z80008)	Feb-25
DAE4	SN 1588	13-Sep-24(CTTL-SPEAG, No. 24J02Z000713)	Sep-25
Secondary Standards	**ID #**	**Cal Date (Calibrated by, Certificate No.)**	**Scheduled Calibration**
Signal Generator E4438C	MY49071430	25-Dec-23 (CTTL, No. J23X13426)	Dec-24
NetworkAnalyzer E5071C	MY46110673	25-Dec-23 (CTTL, No. J23X13425)	Dec-24
OCP DAK-3.5(weighted)	1040	22-Jan-24(SPEAG, No.OCP-DAK3.5-1040_Jan24)	Jan-25

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	
Reviewed by:	Lin Jun	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: November 15, 2024

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Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020

b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor k=2, which for a normal distribution Corresponds to a coverage probability of approximately 95%.

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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	3900 MHz ± 1 MHz 4100 MHz ± 1 MHz	

Head TSL parameters at 3900MHz

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	37.5	3.32 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.3 ± 6 %	3.31 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 3900MHz

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.82 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**68.2 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.35 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**23.5 W/kg ± 24.2 % (*k*=2)**

Head TSL parameters at 4100MHz

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	37.2	3.53 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	36.8 ± 6 %	3.50 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 4100MHz

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.81 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**68.0 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.33 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**23.2 W/kg ± 24.2 % (*k*=2)**

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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL at 3900MHz

Impedance, transformed to feed point	47.2Ω- 3.24jΩ
Return Loss	- 27.1dB

Antenna Parameters with Head TSL at 4100MHz

Impedance, transformed to feed point	59.7Ω+ 2.44jΩ
Return Loss	- 20.8dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.011 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

Manufactured by	SPEAG

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DASY5 Validation Report for Head TSL Date: 2024-11-07

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 3900 MHz; Type: D3900V2; Serial: D3900V2 - SN: 1055

Communication System: UID 0, CW; Frequency: 3900 MHz; Frequency: 4100 MHz;
Medium parameters used: f = 3900 MHz; σ = 3.309 S/m; ε_r = 37.28; ρ = 1000 kg/m^3
Medium parameters used: f = 4100 MHz; σ = 3.5 S/m; ε_r = 36.78; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(6.4, 6.4, 6.4) @ 3900 MHz; ConvF(6.43, 6.43, 6.43) @ 4100 MHz; Calibrated: 2024-02-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1588; Calibrated: 2024-09-13
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration /Pin=100mW, d=10mm, f=3900 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 63.07 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 20.0 W/kg
SAR(1 g) = 6.82 W/kg; SAR(10 g) = 2.35 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 73.2%
Maximum value of SAR (measured) = 13.3 W/kg

Dipole Calibration /Pin=100mW, d=10mm, f=4100 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 62.04 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 20.6 W/kg
SAR(1 g) = 6.81 W/kg; SAR(10 g) = 2.33 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 71.9%
Maximum value of SAR (measured) = 13.6 W/kg

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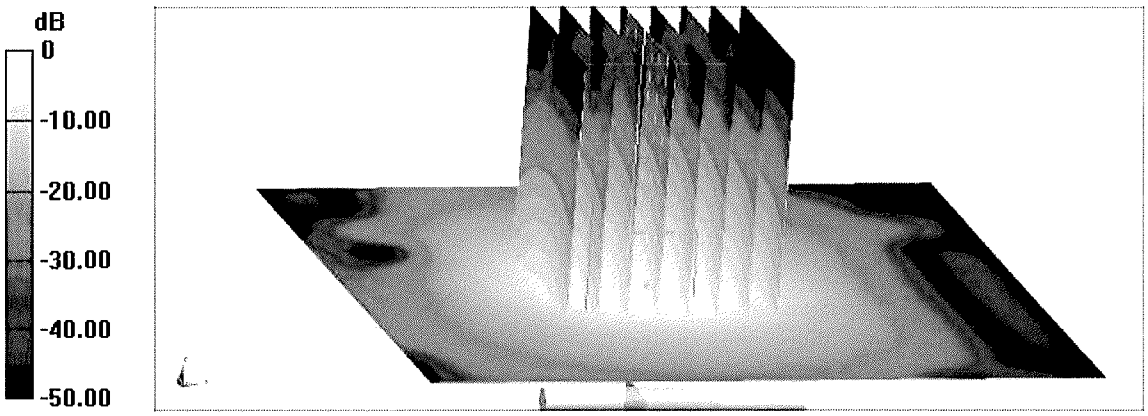

0 dB = 13.6 W/kg = 11.34 dBW/kg

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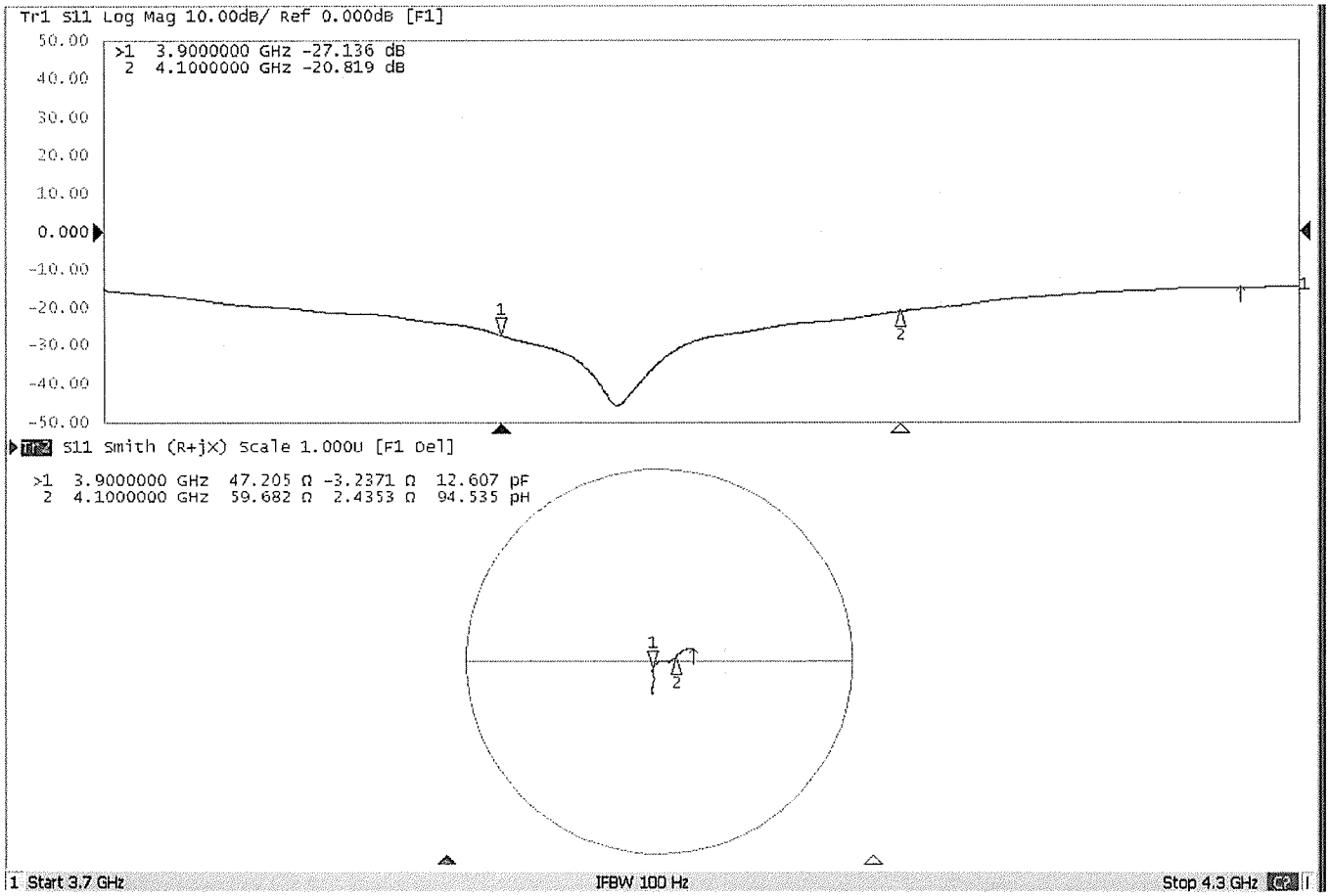
Impedance Measurement Plot for Head TSL



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Client **7layers** **Certificate No: 24J02Z000865**

CALIBRATION CERTIFICATE

Object	D5GHzV2 - SN: 1315
Calibration Procedure(s)	FF-Z11-003-01 Calibration Procedures for dipole validation kits
Calibration date:	November 5, 2024

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106276	17-May-24 (CTTL, No. J24X04107)	May-25
Power sensor NRP6A	101369	17-May-24 (CTTL, No. J24X04107)	May-25
Reference Probe EX3DV4	SN 7517	21-Feb-24(CTTL-SPEAG, No. 24J02Z80008)	Feb-25
DAE4	SN 1588	13-Sep-24(CTTL-SPEAG, No. 24J02Z000713)	Sep-25
Secondary Standards	**ID #**	**Cal Date (Calibrated by, Certificate No.)**	**Scheduled Calibration**
Signal Generator E4438C	MY49071430	25-Dec-23 (CTTL, No. J23X13426)	Dec-24
NetworkAnalyzer E5071C	MY46110673	25-Dec-23 (CTTL, No. J23X13425)	Dec-24
OCP DAK-3.5(weighted)	1040	22-Jan-24(SPEAG, No.OCP-DAK3.5-1040_Jan24)	Jan-25

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	
Reviewed by:	Lin Jun	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: November 15, 2024

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020

b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor k=2, which for a normal distribution Corresponds to a coverage probability of approximately 95%.

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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	5250 MHz ± 1 MHz 5600 MHz ± 1 MHz 5750 MHz ± 1 MHz	

Head TSL parameters at 5250MHz

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.8 ± 6 %	4.70 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 5250MHz

SAR averaged over 1 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.73 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**77.3 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.16 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**21.6 W/kg ± 24.2 % (*k*=2)**

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Head TSL parameters at 5600MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.5	5.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.2 ± 6 %	5.08 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 5600MHz

SAR averaged over 1 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.18 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**81.7 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.27 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**22.7 W/kg ± 24.2 % (*k*=2)**

Head TSL parameters at 5750MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.4	5.22 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.0 ± 6 %	5.24 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 5750MHz

SAR averaged over 1 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.73 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**77.1 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.13 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**21.2 W/kg ± 24.2 % (*k*=2)**

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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL at 5250MHz

Impedance, transformed to feed point	49.2Ω- 1.60jΩ
Return Loss	- 34.8dB

Antenna Parameters with Head TSL at 5600MHz

Impedance, transformed to feed point	53.2Ω+ 4.15jΩ
Return Loss	- 25.9dB

Antenna Parameters with Head TSL at 5750MHz

Impedance, transformed to feed point	49.3Ω+ 4.49jΩ
Return Loss	- 26.8dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.099 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

Manufactured by	SPEAG

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DASY5 Validation Report for Head TSL Date: 2024-11-05

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 5GHz; Type: D5GHzV2; Serial: D5GHzV2 - SN: 1315

Communication System: CW; Frequency: 5250 MHz, Frequency: 5600 MHz, Frequency: 5750 MHz

Medium parameters used: f = 5250 MHz; σ = 4.698 S/m; ε_r = 35.84; ρ = 1000 kg/m^3

Medium parameters used: f = 5600 MHz; σ = 5.077 S/m; ε_r = 35.24; ρ = 1000 kg/m^3

Medium parameters used: f = 5750 MHz; σ = 5.241 S/m; ε_r = 35.02; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(5.43, 5.43, 5.43) @ 5250 MHz; ConvF(4.83, 4.83, 4.83) @ 5600 MHz; ConvF(4.95, 4.95, 4.95) @ 5750 MHz; Calibrated: 2024-02-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1588; Calibrated: 2024-09-13
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration /Pin=100mW, d=10mm, f=5250 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 61.02 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 32.1 W/kg
SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.16 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 64.4%
Maximum value of SAR (measured) = 18.7 W/kg

Dipole Calibration /Pin=100mW, d=10mm, f=5600 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 60.79 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 38.0 W/kg
SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.27 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 60.8%
Maximum value of SAR (measured) = 20.4 W/kg

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Dipole Calibration /Pin=100mW, d=10mm, f=5750 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 59.50 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 37.3 W/kg
SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.13 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 59.4%
Maximum value of SAR (measured) = 19.7 W/kg

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Impedance Measurement Plot for Head TSL

Appendix D. Conducted RF Output Power Table

The detailed power table are shown as follows.

GSM&WCDMA Defalut

Band	GSM850_Ant0				GSM850_Ant1			
Channel	128	189	251	Max. Tune-up Power (dBm)	128	189	251	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM	32.72	32.94	**32.96**	33.50	32.85	32.97	**33.10**	34.00
GPRS 1Tx Slot	32.69	32.92	32.95	33.50	32.82	32.95	33.07	34.00
GPRS 2Tx Slot	30.19	30.26	30.33	31.00	30.55	30.70	30.51	31.50
GPRS 3Tx Slot	28.57	28.54	28.59	29.30	29.07	29.17	28.77	29.80
GPRS 4Tx Slot	27.05	26.92	27.07	28.00	27.75	27.76	27.29	28.50
EDGE 1Tx Slot	26.82	26.87	26.96	27.50	26.81	26.94	26.75	28.00
EDGE 2Tx Slot	24.43	24.43	24.48	25.00	24.41	24.45	24.38	25.50
EDGE 3Tx Slot	22.57	22.25	22.34	23.30	22.49	22.56	22.40	23.80
EDGE 4Tx Slot	20.93	20.80	20.95	22.00	20.90	20.95	20.76	22.50

Band	GSM1900_Ant2				GSM1900_Ant3			
Channel	512	661	810	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM	29.23	29.62	**29.79**	30.50	28.97	29.28	**29.50**	30.00
GPRS 1Tx Slot	29.26	29.44	29.74	30.50	28.95	29.27	29.48	30.00
GPRS 2Tx Slot	27.07	27.27	27.08	28.00	26.65	26.73	26.93	27.50
GPRS 3Tx Slot	25.26	25.08	25.35	26.30	24.35	24.63	24.71	25.80
GPRS 4Tx Slot	23.70	23.89	23.95	25.00	23.66	23.91	23.96	24.50
EDGE 1Tx Slot	25.38	25.74	25.85	27.00	25.86	25.91	25.96	27.50
EDGE 2Tx Slot	23.19	23.08	22.98	24.00	23.69	23.74	23.75	24.50
EDGE 3Tx Slot	21.42	21.47	21.17	22.30	21.85	21.97	21.99	22.80
EDGE 4Tx Slot	20.23	20.09	19.97	21.00	20.64	20.74	20.79	21.50

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM850			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	23.72	23.94	23.96	24.50	23.85	23.97	24.10	25.00
GPRS 1Tx Slot	23.69	23.92	23.95	24.50	23.82	23.95	24.07	25.00
GPRS 2Tx Slot	24.19	24.26	24.33	25.00	24.55	24.70	24.51	25.50
GPRS 3Tx Slot	24.31	24.28	24.33	25.04	24.81	24.91	24.51	25.54
GPRS 4Tx Slot	24.05	23.92	24.07	25.00	24.75	24.76	24.29	25.50
EDGE 1Tx Slot	17.82	17.87	17.96	18.50	17.81	17.94	17.75	19.00
EDGE 2Tx Slot	18.43	18.43	18.48	19.00	18.41	18.45	18.38	19.50
EDGE 3Tx Slot	18.31	17.99	18.08	19.04	18.23	18.30	18.14	19.54
EDGE 4Tx Slot	17.93	17.80	17.95	19.00	17.90	17.95	17.76	19.50

Source-Based Time-Averaged Power								
Band	GSM1900			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	20.23	20.62	20.79	21.50	19.97	20.28	20.50	21.00
GPRS 1Tx Slot	20.26	20.44	20.74	21.50	19.95	20.27	20.48	21.00
GPRS 2Tx Slot	21.07	21.27	21.08	22.00	20.65	20.73	20.93	21.50
GPRS 3Tx Slot	21.00	20.82	21.09	22.04	20.09	20.37	20.45	21.54
GPRS 4Tx Slot	20.70	20.89	20.95	22.00	20.66	20.91	20.96	21.50
EDGE 1Tx Slot	16.38	16.74	16.85	18.00	16.86	16.91	16.96	18.50
EDGE 2Tx Slot	17.19	17.08	16.98	18.00	17.69	17.74	17.75	18.50
EDGE 3Tx Slot	17.16	17.21	16.91	18.04	17.59	17.71	17.73	18.54
EDGE 4Tx Slot	17.23	17.09	16.97	18.00	17.64	17.74	17.79	18.50

Band	WCDMA II_Ant2			WCDMA II	WCDMA II_Ant3			WCDMA II
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	9262	9400	9538	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		9662	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6		1852.4	1880	1907.6	
RMC 12.2K	**24.18**	23.98	23.91	**25.00**	23.91	**23.98**	23.68	**25.00**
HSDPA Subtest-1	22.64	23.03	22.77	24.00	22.61	22.73	22.58	24.00
HSDPA Subtest-2	22.77	22.71	23.10	24.00	22.56	22.60	22.77	24.00
HSDPA Subtest-3	22.15	22.42	22.29	23.50	21.87	22.25	21.96	23.50
HSDPA Subtest-4	22.60	22.30	22.39	23.50	21.94	22.12	22.18	23.50
DC-HSDPA Subtest-1	22.73	22.82	23.03	24.00	22.55	22.56	22.87	24.00
DC-HSDPA Subtest-2	22.81	22.86	22.82	24.00	22.66	22.58	22.69	24.00
DC-HSDPA Subtest-3	22.25	22.54	22.37	23.50	21.97	22.32	22.06	23.50
DC-HSDPA Subtest-4	22.18	22.31	22.20	23.50	22.01	22.11	22.12	23.50
HSUPA Subtest-1	22.89	22.90	23.02	24.00	22.64	22.65	22.63	24.00
HSUPA Subtest-2	22.25	22.47	22.47	23.00	21.80	22.11	22.18	23.00
HSUPA Subtest-3	22.82	23.00	22.70	24.00	22.39	22.67	22.52	24.00
HSUPA Subtest-4	22.79	22.78	22.73	24.00	22.38	22.65	22.53	24.00
HSUPA Subtest-5	22.87	22.85	22.95	24.00	22.38	22.69	22.54	24.00

Band	WCDMA IV_Ant0			WCDMA IV	WCDMA IV_Ant2			WCDMA IV
TX Channel	1312	1413	1513	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)
Rx Channel	1537	1638	1738		1537	1638	1738	
Frequency (MHz)	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
RMC 12.2K	23.27	23.30	**23.39**	**24.00**	24.32	**24.43**	24.38	**25.00**
HSDPA Subtest-1	22.22	22.34	22.10	23.00	23.34	23.46	23.40	24.00
HSDPA Subtest-2	22.16	22.23	22.43	23.00	23.25	23.36	23.53	24.00
HSDPA Subtest-3	21.53	21.88	21.57	22.50	22.62	22.93	22.66	23.50
HSDPA Subtest-4	21.71	21.76	21.81	22.50	22.85	22.68	22.92	23.50
DC-HSDPA Subtest-1	22.25	22.30	22.42	23.00	23.15	23.37	23.58	24.00
DC-HSDPA Subtest-2	22.34	22.21	22.24	23.00	23.40	23.24	23.37	24.00
DC-HSDPA Subtest-3	21.64	21.91	21.88	22.50	22.68	22.95	22.89	23.50
DC-HSDPA Subtest-4	21.73	21.69	21.70	22.50	22.65	22.81	22.82	23.50
HSUPA Subtest-1	22.30	22.25	22.31	23.00	23.35	23.38	23.45	24.00
HSUPA Subtest-2	21.28	21.37	21.26	22.00	22.71	22.90	22.94	23.00
HSUPA Subtest-3	22.16	22.15	22.21	23.00	23.19	23.28	23.25	24.00
HSUPA Subtest-4	22.03	22.35	22.18	23.00	23.17	23.27	23.27	24.00
HSUPA Subtest-5	22.07	22.43	22.13	23.00	23.20	23.42	23.35	24.00

Band	WCDMA V_Ant0			WCDMA V	WCDMA V_Ant1			WCDMA V
TX Channel	4132	4182	4233	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	4357	4407	4458		4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6		826.4	836.4	846.6	
RMC 12.2K	24.51	**24.58**	24.47	**25.00**	**24.87**	24.74	24.78	**25.50**
HSDPA Subtest-1	23.37	23.39	23.33	24.00	23.71	23.82	23.84	24.50
HSDPA Subtest-2	23.55	23.31	23.50	24.00	23.70	23.77	23.86	24.50
HSDPA Subtest-3	22.87	23.10	22.70	23.50	23.02	23.48	23.08	24.00
HSDPA Subtest-4	23.13	23.08	23.16	23.50	23.39	23.18	23.30	24.00
DC-HSDPA Subtest-1	23.59	23.55	23.49	24.00	23.65	23.76	23.82	24.50
DC-HSDPA Subtest-2	23.66	23.20	23.65	24.00	23.85	23.73	23.84	24.50
DC-HSDPA Subtest-3	22.98	23.03	23.05	23.50	23.21	23.50	23.30	24.00
DC-HSDPA Subtest-4	22.76	23.06	23.06	23.50	23.11	23.26	23.20	24.00
HSUPA Subtest-1	23.54	23.50	23.51	24.00	23.78	23.76	23.84	24.50
HSUPA Subtest-2	22.46	22.43	22.41	23.00	23.19	23.27	23.36	23.50
HSUPA Subtest-3	23.49	23.68	23.27	24.00	23.70	23.78	23.57	24.50
HSUPA Subtest-4	23.35	23.61	23.29	24.00	23.51	23.65	23.73	24.50
HSUPA Subtest-5	23.33	23.16	23.28	24.00	23.54	23.96	23.78	24.50

Band	WCDMA IV_Ant3			WCDMA IV	WCDMA IV_Ant4			WCDMA IV
TX Channel	1312	1413	1513	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)
Rx Channel	1537	1638	1738		1537	1638	1738	
Frequency (MHz)	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
RMC 12.2K	24.26	24.27	**24.31**	**25.00**	24.17	24.15	**24.18**	**25.00**
HSDPA Subtest-1	22.99	23.01	22.96	24.00	23.14	23.15	23.03	24.00
HSDPA Subtest-2	23.05	23.00	23.12	24.00	23.17	23.09	23.16	24.00
HSDPA Subtest-3	22.49	22.61	22.46	23.50	22.62	22.77	22.49	23.50
HSDPA Subtest-4	22.60	22.44	22.82	23.50	22.75	22.51	22.85	23.50
DC-HSDPA Subtest-1	23.05	23.08	23.15	24.00	23.13	23.20	23.14	24.00
DC-HSDPA Subtest-2	23.10	23.07	22.95	24.00	23.08	23.08	23.04	24.00
DC-HSDPA Subtest-3	22.66	22.76	22.55	23.50	22.64	22.81	22.73	23.50
DC-HSDPA Subtest-4	22.45	22.58	22.53	23.50	22.55	22.70	22.57	23.50
HSUPA Subtest-1	23.21	22.99	23.07	24.00	23.27	23.13	23.10	24.00
HSUPA Subtest-2	22.44	22.65	22.61	23.00	22.54	22.66	22.78	23.00
HSUPA Subtest-3	23.00	23.27	23.03	24.00	23.10	23.33	23.14	24.00
HSUPA Subtest-4	22.89	23.05	22.89	24.00	22.87	23.06	23.03	24.00
HSUPA Subtest-5	22.89	23.43	22.95	24.00	22.90	23.45	23.01	24.00

GSM&WCDMA DSI1

Band	GSM850_Ant0				GSM850_Ant1			
Channel	128	189	251	Max. Tune-up Power (dBm)	128	189	251	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM	32.72	32.94	**32.96**	33.50	28.42	28.56	**28.73**	29.50
GPRS 1Tx Slot	32.69	32.92	32.95	33.50	28.38	28.54	28.72	29.50
GPRS 2Tx Slot	30.19	30.26	30.33	31.00	26.18	26.29	26.04	27.00
GPRS 3Tx Slot	28.57	28.54	28.59	29.30	24.61	24.78	24.47	25.30
GPRS 4Tx Slot	27.05	26.92	27.07	28.00	23.39	23.44	22.84	24.00
EDGE 1Tx Slot	26.82	26.87	26.96	27.50	26.81	26.94	26.75	28.00
EDGE 2Tx Slot	24.43	24.43	24.48	25.00	24.41	24.45	24.38	25.50
EDGE 3Tx Slot	22.57	22.25	22.34	23.30	22.49	22.56	22.40	23.80
EDGE 4Tx Slot	20.93	20.80	20.95	22.00	20.90	20.95	20.76	22.50

Band	GSM1900_Ant2				GSM1900_Ant3			
Channel	512	661	810	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM	25.25	25.54	**25.89**	26.50	24.87	25.30	**25.52**	26.00
GPRS 1Tx Slot	25.30	25.38	25.72	26.50	25.00	25.18	25.42	26.00
GPRS 2Tx Slot	23.14	23.34	23.04	24.00	22.58	22.66	22.92	23.50
GPRS 3Tx Slot	21.29	21.16	21.40	22.30	20.40	20.67	20.72	21.80
GPRS 4Tx Slot	19.76	19.96	19.85	21.00	19.67	19.85	20.06	20.50
EDGE 1Tx Slot	24.85	25.18	25.30	26.50	25.36	25.48	25.44	27.00
EDGE 2Tx Slot	22.72	22.65	22.54	23.50	23.18	23.34	23.16	24.00
EDGE 3Tx Slot	20.92	21.01	20.57	21.80	21.30	21.51	21.49	22.30
EDGE 4Tx Slot	19.82	19.67	19.47	20.50	20.23	20.33	20.23	21.00

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM850			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	23.72	23.94	23.96	24.50	19.42	19.56	19.73	20.50
GPRS 1Tx Slot	23.69	23.92	23.95	24.50	19.38	19.54	19.72	20.50
GPRS 2Tx Slot	24.19	24.26	24.33	25.00	20.18	20.29	20.04	21.00
GPRS 3Tx Slot	24.31	24.28	24.33	25.04	20.35	20.52	20.21	21.04
GPRS 4Tx Slot	24.05	23.92	24.07	25.00	20.39	20.44	19.84	21.00
EDGE 1Tx Slot	17.82	17.87	17.96	18.50	17.81	17.94	17.75	19.00
EDGE 2Tx Slot	18.43	18.43	18.48	19.00	18.41	18.45	18.38	19.50
EDGE 3Tx Slot	18.31	17.99	18.08	19.04	18.23	18.30	18.14	19.54
EDGE 4Tx Slot	17.93	17.80	17.95	19.00	17.90	17.95	17.76	19.50

Source-Based Time-Averaged Power								
Band	GSM1900			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	16.25	16.54	16.89	17.50	15.87	16.30	16.52	17.00
GPRS 1Tx Slot	16.30	16.38	16.72	17.50	16.00	16.18	16.42	17.00
GPRS 2Tx Slot	17.14	17.34	17.04	18.00	16.58	16.66	16.92	17.50
GPRS 3Tx Slot	17.03	16.90	17.14	18.04	16.14	16.41	16.46	17.54
GPRS 4Tx Slot	16.76	16.96	16.85	18.00	16.67	16.85	17.06	17.50
EDGE 1Tx Slot	15.85	16.18	16.30	17.50	16.36	16.48	16.44	18.00
EDGE 2Tx Slot	16.72	16.65	16.54	17.50	17.18	17.34	17.16	18.00
EDGE 3Tx Slot	16.66	16.75	16.31	17.54	17.04	17.25	17.23	18.04
EDGE 4Tx Slot	16.82	16.67	16.47	17.50	17.23	17.33	17.23	18.00

Band	WCDMA II_Ant2			WCDMA II	WCDMA II_Ant3			WCDMA II
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	9262	9400	9538	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		9662	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6		1852.4	1880	1907.6	
RMC 12.2K	**17.10**	16.90	16.98	**18.00**	15.85	**16.06**	15.60	**17.00**
HSDPA Subtest-1	15.71	16.06	15.80	17.00	14.62	14.81	14.51	16.00
HSDPA Subtest-2	15.72	15.68	16.03	17.00	14.59	14.50	14.70	16.00
HSDPA Subtest-3	15.12	15.34	15.28	16.50	13.90	14.32	13.96	15.50
HSDPA Subtest-4	15.58	15.21	15.45	16.50	14.00	14.15	14.22	15.50
DC-HSDPA Subtest-1	15.83	15.87	16.04	17.00	14.56	14.54	14.86	16.00
DC-HSDPA Subtest-2	15.85	15.85	15.74	17.00	14.73	14.59	14.64	16.00
DC-HSDPA Subtest-3	15.22	15.49	15.36	16.50	13.93	14.30	14.08	15.50
DC-HSDPA Subtest-4	15.27	15.21	15.15	16.50	13.97	14.03	14.17	15.50
HSUPA Subtest-1	15.87	15.85	15.99	17.00	14.71	14.68	14.59	16.00
HSUPA Subtest-2	15.17	15.56	15.52	16.00	13.79	14.20	14.15	15.00
HSUPA Subtest-3	15.89	15.96	15.62	17.00	14.42	14.61	14.53	16.00
HSUPA Subtest-4	15.84	15.72	15.66	17.00	14.34	14.67	14.54	16.00
HSUPA Subtest-5	15.84	15.94	15.90	17.00	14.32	14.74	14.46	16.00

Band	WCDMA IV_Ant0			WCDMA IV	WCDMA IV_Ant2			WCDMA IV
TX Channel	1312	1413	1513	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)
Rx Channel	1537	1638	1738		1537	1638	1738	
Frequency (MHz)	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
RMC 12.2K	23.27	23.30	**23.39**	**24.00**	17.36	**17.38**	17.35	**18.00**
HSDPA Subtest-1	22.22	22.34	22.10	23.00	16.39	16.38	16.38	17.00
HSDPA Subtest-2	22.16	22.23	22.43	23.00	16.28	16.40	16.60	17.00
HSDPA Subtest-3	21.53	21.88	21.57	22.50	15.71	15.90	15.68	16.50
HSDPA Subtest-4	21.71	21.76	21.81	22.50	15.89	15.70	15.93	16.50
DC-HSDPA Subtest-1	22.25	22.30	22.42	23.00	16.21	16.46	16.68	17.00
DC-HSDPA Subtest-2	22.34	22.21	22.24	23.00	16.38	16.30	16.42	17.00
DC-HSDPA Subtest-3	21.64	21.91	21.88	22.50	15.69	15.91	15.90	16.50
DC-HSDPA Subtest-4	21.73	21.69	21.70	22.50	15.71	15.91	15.76	16.50
HSUPA Subtest-1	22.30	22.25	22.31	23.00	16.41	16.41	16.54	17.00
HSUPA Subtest-2	21.28	21.37	21.26	22.00	15.65	15.91	15.92	16.00
HSUPA Subtest-3	22.16	22.15	22.21	23.00	16.27	16.37	16.23	17.00
HSUPA Subtest-4	22.03	22.35	22.18	23.00	16.15	16.25	16.25	17.00
HSUPA Subtest-5	22.07	22.43	22.13	23.00	16.27	16.52	16.42	17.00

Band	WCDMA V_Ant0			WCDMA V	WCDMA V_Ant1			WCDMA V
TX Channel	4132	4182	4233	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	4357	4407	4458		4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6		826.4	836.4	846.6	
RMC 12.2K	24.51	**24.58**	24.47	**25.00**	**19.38**	19.29	19.31	**20.00**
HSDPA Subtest-1	23.37	23.39	23.33	24.00	18.38	18.33	18.39	19.00
HSDPA Subtest-2	23.55	23.31	23.50	24.00	18.27	18.32	18.47	19.00
HSDPA Subtest-3	22.87	23.10	22.70	23.50	17.53	18.15	17.70	18.50
HSDPA Subtest-4	23.13	23.08	23.16	23.50	18.05	17.68	17.93	18.50
DC-HSDPA Subtest-1	23.59	23.55	23.49	24.00	18.21	18.33	18.39	19.00
DC-HSDPA Subtest-2	23.66	23.20	23.65	24.00	18.40	18.30	18.39	19.00
DC-HSDPA Subtest-3	22.98	23.03	23.05	23.50	17.73	18.10	17.89	18.50
DC-HSDPA Subtest-4	22.76	23.06	23.06	23.50	17.70	17.81	17.81	18.50
HSUPA Subtest-1	23.54	23.50	23.51	24.00	18.45	18.32	18.44	19.00
HSUPA Subtest-2	22.46	22.43	22.41	23.00	17.77	17.87	17.91	18.00
HSUPA Subtest-3	23.49	23.68	23.27	24.00	18.26	18.30	18.19	19.00
HSUPA Subtest-4	23.35	23.61	23.29	24.00	18.18	18.19	18.43	19.00
HSUPA Subtest-5	23.33	23.16	23.28	24.00	18.15	18.59	18.32	19.00

Band	WCDMA IV_Ant3			WCDMA IV	WCDMA IV_Ant4			WCDMA IV
TX Channel	1312	1413	1513	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)
Rx Channel	1537	1638	1738		1537	1638	1738	
Frequency (MHz)	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
RMC 12.2K	16.20	16.29	**16.31**	**17.00**	16.18	16.10	**16.25**	**17.00**
HSDPA Subtest-1	14.93	15.09	15.02	16.00	15.20	15.16	15.10	16.00
HSDPA Subtest-2	15.15	15.10	15.12	16.00	15.09	15.05	15.24	16.00
HSDPA Subtest-3	14.44	14.60	14.54	15.50	14.66	14.72	14.44	15.50
HSDPA Subtest-4	14.63	14.42	14.81	15.50	14.81	14.46	14.92	15.50
DC-HSDPA Subtest-1	15.00	15.09	15.20	16.00	15.20	15.21	15.10	16.00
DC-HSDPA Subtest-2	15.00	15.00	14.89	16.00	15.16	15.03	15.05	16.00
DC-HSDPA Subtest-3	14.75	14.71	14.54	15.50	14.58	14.91	14.65	15.50
DC-HSDPA Subtest-4	14.42	14.66	14.44	15.50	14.50	14.71	14.50	15.50
HSUPA Subtest-1	15.12	14.97	15.01	16.00	15.25	15.12	15.04	16.00
HSUPA Subtest-2	14.46	14.68	14.59	15.00	14.55	14.74	14.77	15.00
HSUPA Subtest-3	15.03	15.22	14.95	16.00	15.00	15.32	15.15	16.00
HSUPA Subtest-4	14.88	14.99	14.94	16.00	14.86	14.96	15.00	16.00
HSUPA Subtest-5	14.97	15.51	14.98	16.00	14.89	15.45	14.91	16.00

GSM&WCDMA DSI3

Band	GSM850_Ant0				GSM850_Ant1			
Channel	128	189	251	Max. Tune-up Power (dBm)	128	189	251	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM	32.72	32.94	**32.96**	33.50	31.83	31.96	**32.12**	33.00
GPRS 1Tx Slot	32.69	32.92	32.95	33.50	31.74	32.03	32.10	33.00
GPRS 2Tx Slot	30.19	30.26	30.33	31.00	29.62	29.64	29.47	30.50
GPRS 3Tx Slot	28.57	28.54	28.59	29.30	28.06	28.24	27.87	28.80
GPRS 4Tx Slot	27.05	26.92	27.07	28.00	26.81	26.81	26.20	27.50
EDGE 1Tx Slot	26.82	26.87	26.96	27.50	26.81	26.94	26.75	28.00
EDGE 2Tx Slot	24.43	24.43	24.48	25.00	24.41	24.45	24.38	25.50
EDGE 3Tx Slot	22.57	22.25	22.34	23.30	22.49	22.56	22.40	23.80
EDGE 4Tx Slot	20.93	20.80	20.95	22.00	20.90	20.95	20.76	22.50

Band	GSM1900_Ant2				GSM1900_Ant3			
Channel	512	661	810	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM	29.23	29.62	**29.79**	30.50	28.97	29.28	**29.50**	30.00
GPRS 1Tx Slot	29.26	29.44	29.74	30.50	28.95	29.27	29.48	30.00
GPRS 2Tx Slot	27.07	27.27	27.08	28.00	26.65	26.73	26.93	27.50
GPRS 3Tx Slot	25.26	25.08	25.35	26.30	24.35	24.63	24.71	25.80
GPRS 4Tx Slot	23.70	23.89	23.95	25.00	23.66	23.91	23.96	24.50
EDGE 1Tx Slot	25.38	25.74	25.85	27.00	25.86	25.91	25.96	27.50
EDGE 2Tx Slot	23.19	23.08	22.98	24.00	23.69	23.74	23.75	24.50
EDGE 3Tx Slot	21.42	21.47	21.17	22.30	21.85	21.97	21.99	22.80
EDGE 4Tx Slot	20.23	20.09	19.97	21.00	20.64	20.74	20.79	21.50

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM850			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	23.72	23.94	23.96	24.50	22.83	22.96	23.12	24.00
GPRS 1Tx Slot	23.69	23.92	23.95	24.50	22.74	23.03	23.10	24.00
GPRS 2Tx Slot	24.19	24.26	24.33	25.00	23.62	23.64	23.47	24.50
GPRS 3Tx Slot	24.31	24.28	24.33	25.04	23.80	23.98	23.61	24.54
GPRS 4Tx Slot	24.05	23.92	24.07	25.00	23.81	23.81	23.20	24.50
EDGE 1Tx Slot	17.82	17.87	17.96	18.50	17.81	17.94	17.75	19.00
EDGE 2Tx Slot	18.43	18.43	18.48	19.00	18.41	18.45	18.38	19.50
EDGE 3Tx Slot	18.31	17.99	18.08	19.04	18.23	18.30	18.14	19.54
EDGE 4Tx Slot	17.93	17.80	17.95	19.00	17.90	17.95	17.76	19.50

Source-Based Time-Averaged Power								
Band	GSM1900			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	20.23	20.62	20.79	21.50	19.97	20.28	20.50	21.00
GPRS 1Tx Slot	20.26	20.44	20.74	21.50	19.95	20.27	20.48	21.00
GPRS 2Tx Slot	21.07	21.27	21.08	22.00	20.65	20.73	20.93	21.50
GPRS 3Tx Slot	21.00	20.82	21.09	22.04	20.09	20.37	20.45	21.54
GPRS 4Tx Slot	20.70	20.89	20.95	22.00	20.66	20.91	20.96	21.50
EDGE 1Tx Slot	16.38	16.74	16.85	18.00	16.86	16.91	16.96	18.50
EDGE 2Tx Slot	17.19	17.08	16.98	18.00	17.69	17.74	17.75	18.50
EDGE 3Tx Slot	17.16	17.21	16.91	18.04	17.59	17.71	17.73	18.54
EDGE 4Tx Slot	17.23	17.09	16.97	18.00	17.64	17.74	17.79	18.50

Band	WCDMA II_Ant2			WCDMA II	WCDMA II_Ant3			WCDMA II
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	9262	9400	9538	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		9662	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6		1852.4	1880	1907.6	
RMC 12.2K	**21.20**	20.92	20.90	**22.00**	21.33	**21.45**	21.20	**22.50**
HSDPA Subtest-1	19.74	19.96	19.77	21.00	20.15	20.22	20.10	21.50
HSDPA Subtest-2	19.75	19.68	20.07	21.00	20.04	20.08	20.27	21.50
HSDPA Subtest-3	19.12	19.51	19.39	20.50	19.44	19.70	19.44	21.00
HSDPA Subtest-4	19.58	19.39	19.48	20.50	19.41	19.68	19.65	21.00
DC-HSDPA Subtest-1	19.67	19.82	19.95	21.00	20.01	20.09	20.47	21.50
DC-HSDPA Subtest-2	19.88	19.94	19.75	21.00	20.09	19.99	20.15	21.50
DC-HSDPA Subtest-3	19.28	19.57	19.35	20.50	19.46	19.82	19.58	21.00
DC-HSDPA Subtest-4	19.28	19.23	19.17	20.50	19.54	19.52	19.62	21.00
HSUPA Subtest-1	19.87	19.80	20.06	21.00	20.20	20.08	20.07	21.50
HSUPA Subtest-2	19.17	19.45	19.47	20.00	19.27	19.66	19.67	20.50
HSUPA Subtest-3	19.88	19.94	19.61	21.00	19.97	20.13	19.92	21.50
HSUPA Subtest-4	19.74	19.68	19.75	21.00	19.88	20.07	19.93	21.50
HSUPA Subtest-5	19.85	19.86	20.03	21.00	19.91	20.10	20.12	21.50

Band	WCDMA IV_Ant0			WCDMA IV	WCDMA IV_Ant2			WCDMA IV
TX Channel	1312	1413	1513	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)
Rx Channel	1537	1638	1738		1537	1638	1738	
Frequency (MHz)	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
RMC 12.2K	20.20	20.26	**20.49**	**21.00**	21.39	**21.48**	21.36	**22.00**
HSDPA Subtest-1	19.22	19.37	19.07	20.00	20.29	20.37	20.32	21.00
HSDPA Subtest-2	19.14	19.25	19.46	20.00	20.18	20.32	20.44	21.00
HSDPA Subtest-3	18.53	18.86	18.60	19.50	19.68	19.86	19.64	20.50
HSDPA Subtest-4	18.79	18.86	18.87	19.50	19.80	19.72	19.93	20.50
DC-HSDPA Subtest-1	19.23	19.38	19.50	20.00	20.20	20.36	20.66	21.00
DC-HSDPA Subtest-2	19.41	19.22	19.33	20.00	20.41	20.23	20.37	21.00
DC-HSDPA Subtest-3	18.65	18.86	18.82	19.50	19.73	19.99	19.91	20.50
DC-HSDPA Subtest-4	18.73	18.72	18.80	19.50	19.64	19.80	19.76	20.50
HSUPA Subtest-1	19.40	19.15	19.41	20.00	20.40	20.37	20.35	21.00
HSUPA Subtest-2	18.32	18.46	18.20	19.00	19.80	19.90	19.93	20.00
HSUPA Subtest-3	19.21	19.13	19.24	20.00	20.12	20.28	20.35	21.00
HSUPA Subtest-4	18.94	19.34	19.20	20.00	20.15	20.20	20.25	21.00
HSUPA Subtest-5	19.12	19.52	19.10	20.00	20.24	20.38	20.37	21.00

Band	WCDMA V_Ant0			WCDMA V	WCDMA V_Ant1			WCDMA V
TX Channel	4132	4182	4233	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	4357	4407	4458		4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6		826.4	836.4	846.6	
RMC 12.2K	24.51	**24.58**	24.47	**25.00**	**21.29**	21.22	21.22	**22.50**
HSDPA Subtest-1	23.37	23.39	23.33	24.00	19.95	19.97	20.06	21.50
HSDPA Subtest-2	23.55	23.31	23.50	24.00	20.07	20.03	20.03	21.50
HSDPA Subtest-3	22.87	23.10	22.70	23.50	19.47	19.55	19.49	21.00
HSDPA Subtest-4	23.13	23.08	23.16	23.50	19.65	19.41	19.87	21.00
DC-HSDPA Subtest-1	23.59	23.55	23.49	24.00	20.10	20.08	20.24	21.50
DC-HSDPA Subtest-2	23.66	23.20	23.65	24.00	20.08	20.07	19.99	21.50
DC-HSDPA Subtest-3	22.98	23.03	23.05	23.50	19.65	19.74	19.58	21.00
DC-HSDPA Subtest-4	22.76	23.06	23.06	23.50	19.35	19.66	19.51	21.00
HSUPA Subtest-1	23.54	23.50	23.51	24.00	20.30	19.99	20.14	21.50
HSUPA Subtest-2	22.46	22.43	22.41	23.00	19.40	19.57	19.63	20.50
HSUPA Subtest-3	23.49	23.68	23.27	24.00	20.03	20.23	20.12	21.50
HSUPA Subtest-4	23.35	23.61	23.29	24.00	19.99	20.04	19.98	21.50
HSUPA Subtest-5	23.33	23.16	23.28	24.00	19.90	20.34	19.91	21.50

Band	WCDMA IV_Ant3			WCDMA IV	WCDMA IV_Ant4			WCDMA IV
TX Channel	1312	1413	1513	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)
Rx Channel	1537	1638	1738		1537	1638	1738	
Frequency (MHz)	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
RMC 12.2K	20.73	20.71	**20.76**	**21.50**	20.68	20.66	**20.69**	**21.50**
HSDPA Subtest-1	19.59	19.51	19.46	20.50	19.71	19.75	19.57	20.50
HSDPA Subtest-2	19.51	19.54	19.59	20.50	19.58	19.55	19.61	20.50
HSDPA Subtest-3	19.09	19.14	18.97	20.00	19.05	19.37	18.90	20.00
HSDPA Subtest-4	19.00	18.94	19.39	20.00	19.28	18.93	19.37	20.00
DC-HSDPA Subtest-1	19.64	19.62	19.61	20.50	19.64	19.78	19.63	20.50
DC-HSDPA Subtest-2	19.55	19.53	19.54	20.50	19.64	19.49	19.53	20.50
DC-HSDPA Subtest-3	19.19	19.22	18.97	20.00	19.24	19.32	19.29	20.00
DC-HSDPA Subtest-4	19.03	19.05	18.97	20.00	19.00	19.24	19.17	20.00
HSUPA Subtest-1	19.64	19.40	19.55	20.50	19.74	19.56	19.53	20.50
HSUPA Subtest-2	18.87	19.20	19.16	19.50	18.96	19.14	19.27	19.50
HSUPA Subtest-3	19.58	19.72	19.60	20.50	19.68	19.83	19.61	20.50
HSUPA Subtest-4	19.32	19.47	19.45	20.50	19.29	19.63	19.51	20.50
HSUPA Subtest-5	19.48	19.93	19.36	20.50	19.40	19.95	19.44	20.50

GSM&WCDMA DSI4

Band	GSM850_Ant0				GSM850_Ant1			
Channel	128	189	251	Max. Tune-up Power (dBm)	128	189	251	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM	32.72	32.94	**32.96**	33.50	31.83	31.96	**32.12**	33.00
GPRS 1Tx Slot	32.69	32.92	32.95	33.50	31.74	32.03	32.10	33.00
GPRS 2Tx Slot	30.19	30.26	30.33	31.00	29.62	29.64	29.47	30.50
GPRS 3Tx Slot	28.57	28.54	28.59	29.30	28.06	28.24	27.87	28.80
GPRS 4Tx Slot	27.05	26.92	27.07	28.00	26.81	26.81	26.20	27.50
EDGE 1Tx Slot	26.82	26.87	26.96	27.50	26.81	26.94	26.75	28.00
EDGE 2Tx Slot	24.43	24.43	24.48	25.00	24.41	24.45	24.38	25.50
EDGE 3Tx Slot	22.57	22.25	22.34	23.30	22.49	22.56	22.40	23.80
EDGE 4Tx Slot	20.93	20.80	20.95	22.00	20.90	20.95	20.76	22.50

Band	GSM1900_Ant2				GSM1900_Ant3			
Channel	512	661	810	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM	29.23	29.62	**29.79**	30.50	28.97	29.28	**29.50**	30.00
GPRS 1Tx Slot	29.26	29.44	29.74	30.50	28.95	29.27	29.48	30.00
GPRS 2Tx Slot	27.07	27.27	27.08	28.00	26.65	26.73	26.93	27.50
GPRS 3Tx Slot	25.26	25.08	25.35	26.30	24.35	24.63	24.71	25.80
GPRS 4Tx Slot	23.70	23.89	23.95	25.00	23.66	23.91	23.96	24.50
EDGE 1Tx Slot	25.38	25.74	25.85	27.00	25.86	25.91	25.96	27.50
EDGE 2Tx Slot	23.19	23.08	22.98	24.00	23.69	23.74	23.75	24.50
EDGE 3Tx Slot	21.42	21.47	21.17	22.30	21.85	21.97	21.99	22.80
EDGE 4Tx Slot	20.23	20.09	19.97	21.00	20.64	20.74	20.79	21.50

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM850			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	23.72	23.94	23.96	24.50	22.83	22.96	23.12	24.00
GPRS 1Tx Slot	23.69	23.92	23.95	24.50	22.74	23.03	23.10	24.00
GPRS 2Tx Slot	24.19	24.26	24.33	25.00	23.62	23.64	23.47	24.50
GPRS 3Tx Slot	24.31	24.28	24.33	25.04	23.80	23.98	23.61	24.54
GPRS 4Tx Slot	24.05	23.92	24.07	25.00	23.81	23.81	23.20	24.50
EDGE 1Tx Slot	17.82	17.87	17.96	18.50	17.81	17.94	17.75	19.00
EDGE 2Tx Slot	18.43	18.43	18.48	19.00	18.41	18.45	18.38	19.50
EDGE 3Tx Slot	18.31	17.99	18.08	19.04	18.23	18.30	18.14	19.54
EDGE 4Tx Slot	17.93	17.80	17.95	19.00	17.90	17.95	17.76	19.50

Source-Based Time-Averaged Power								
Band	GSM1900			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	20.23	20.62	20.79	21.50	19.97	20.28	20.50	21.00
GPRS 1Tx Slot	20.26	20.44	20.74	21.50	19.95	20.27	20.48	21.00
GPRS 2Tx Slot	21.07	21.27	21.08	22.00	20.65	20.73	20.93	21.50
GPRS 3Tx Slot	21.00	20.82	21.09	22.04	20.09	20.37	20.45	21.54
GPRS 4Tx Slot	20.70	20.89	20.95	22.00	20.66	20.91	20.96	21.50
EDGE 1Tx Slot	16.38	16.74	16.85	18.00	16.86	16.91	16.96	18.50
EDGE 2Tx Slot	17.19	17.08	16.98	18.00	17.69	17.74	17.75	18.50
EDGE 3Tx Slot	17.16	17.21	16.91	18.04	17.59	17.71	17.73	18.54
EDGE 4Tx Slot	17.23	17.09	16.97	18.00	17.64	17.74	17.79	18.50

Band	WCDMA II_Ant2			WCDMA II	WCDMA II_Ant3			WCDMA II
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	9262	9400	9538	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		9662	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6		1852.4	1880	1907.6	
RMC 12.2K	**24.18**	23.98	23.91	**25.00**	23.91	**23.98**	23.68	**25.00**
HSDPA Subtest-1	22.64	23.03	22.77	24.00	22.61	22.73	22.58	24.00
HSDPA Subtest-2	22.77	22.71	23.10	24.00	22.56	22.60	22.77	24.00
HSDPA Subtest-3	22.15	22.42	22.29	23.50	21.87	22.25	21.96	23.50
HSDPA Subtest-4	22.60	22.30	22.39	23.50	21.94	22.12	22.18	23.50
DC-HSDPA Subtest-1	22.73	22.82	23.03	24.00	22.55	22.56	22.87	24.00
DC-HSDPA Subtest-2	22.81	22.86	22.82	24.00	22.66	22.58	22.69	24.00
DC-HSDPA Subtest-3	22.25	22.54	22.37	23.50	21.97	22.32	22.06	23.50
DC-HSDPA Subtest-4	22.18	22.31	22.20	23.50	22.01	22.11	22.12	23.50
HSUPA Subtest-1	22.89	22.90	23.02	24.00	22.64	22.65	22.63	24.00
HSUPA Subtest-2	22.25	22.47	22.47	23.00	21.80	22.11	22.18	23.00
HSUPA Subtest-3	22.82	23.00	22.70	24.00	22.39	22.67	22.52	24.00
HSUPA Subtest-4	22.79	22.78	22.73	24.00	22.38	22.65	22.53	24.00
HSUPA Subtest-5	22.87	22.85	22.95	24.00	22.38	22.69	22.54	24.00

Band	WCDMA IV_Ant0			WCDMA IV	WCDMA IV_Ant2			WCDMA IV
TX Channel	1312	1413	1513	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)
Rx Channel	1537	1638	1738		1537	1638	1738	
Frequency (MHz)	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
RMC 12.2K	20.20	20.26	**20.49**	**21.00**	24.32	**24.43**	24.38	**25.00**
HSDPA Subtest-1	19.22	19.37	19.07	20.00	23.34	23.46	23.40	24.00
HSDPA Subtest-2	19.14	19.25	19.46	20.00	23.25	23.36	23.53	24.00
HSDPA Subtest-3	18.53	18.86	18.60	19.50	22.62	22.93	22.66	23.50
HSDPA Subtest-4	18.79	18.86	18.87	19.50	22.85	22.68	22.92	23.50
DC-HSDPA Subtest-1	19.23	19.38	19.50	20.00	23.15	23.37	23.58	24.00
DC-HSDPA Subtest-2	19.41	19.22	19.33	20.00	23.40	23.24	23.37	24.00
DC-HSDPA Subtest-3	18.65	18.86	18.82	19.50	22.68	22.95	22.89	23.50
DC-HSDPA Subtest-4	18.73	18.72	18.80	19.50	22.65	22.81	22.82	23.50
HSUPA Subtest-1	19.40	19.15	19.41	20.00	23.35	23.38	23.45	24.00
HSUPA Subtest-2	18.32	18.46	18.20	19.00	22.71	22.90	22.94	23.00
HSUPA Subtest-3	19.21	19.13	19.24	20.00	23.19	23.28	23.25	24.00
HSUPA Subtest-4	18.94	19.34	19.20	20.00	23.17	23.27	23.27	24.00
HSUPA Subtest-5	19.12	19.52	19.10	20.00	23.20	23.42	23.35	24.00

Band	WCDMA V_Ant0			WCDMA V	WCDMA V_Ant1			WCDMA V
TX Channel	4132	4182	4233	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	4357	4407	4458		4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6		826.4	836.4	846.6	
RMC 12.2K	24.51	**24.58**	24.47	**25.00**	**21.29**	21.22	21.22	**22.50**
HSDPA Subtest-1	23.37	23.39	23.33	24.00	19.95	19.97	20.06	21.50
HSDPA Subtest-2	23.55	23.31	23.50	24.00	20.07	20.03	20.03	21.50
HSDPA Subtest-3	22.87	23.10	22.70	23.50	19.47	19.55	19.49	21.00
HSDPA Subtest-4	23.13	23.08	23.16	23.50	19.65	19.41	19.87	21.00
DC-HSDPA Subtest-1	23.59	23.55	23.49	24.00	20.10	20.08	20.24	21.50
DC-HSDPA Subtest-2	23.66	23.20	23.65	24.00	20.08	20.07	19.99	21.50
DC-HSDPA Subtest-3	22.98	23.03	23.05	23.50	19.65	19.74	19.58	21.00
DC-HSDPA Subtest-4	22.76	23.06	23.06	23.50	19.35	19.66	19.51	21.00
HSUPA Subtest-1	23.54	23.50	23.51	24.00	20.30	19.99	20.14	21.50
HSUPA Subtest-2	22.46	22.43	22.41	23.00	19.40	19.57	19.63	20.50
HSUPA Subtest-3	23.49	23.68	23.27	24.00	20.03	20.23	20.12	21.50
HSUPA Subtest-4	23.35	23.61	23.29	24.00	19.99	20.04	19.98	21.50
HSUPA Subtest-5	23.33	23.16	23.28	24.00	19.90	20.34	19.91	21.50

Band	WCDMA IV_Ant3			WCDMA IV	WCDMA IV_Ant4			WCDMA IV
TX Channel	1312	1413	1513	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)
Rx Channel	1537	1638	1738		1537	1638	1738	
Frequency (MHz)	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
RMC 12.2K	23.78	23.71	**23.80**	**24.50**	20.68	20.66	**20.69**	**21.50**
HSDPA Subtest-1	22.57	22.46	22.48	23.50	19.71	19.75	19.57	20.50
HSDPA Subtest-2	22.47	22.45	22.59	23.50	19.58	19.55	19.61	20.50
HSDPA Subtest-3	21.97	22.17	22.03	23.00	19.05	19.37	18.90	20.00
HSDPA Subtest-4	22.12	21.88	22.36	23.00	19.28	18.93	19.37	20.00
DC-HSDPA Subtest-1	22.53	22.59	22.68	23.50	19.64	19.78	19.63	20.50
DC-HSDPA Subtest-2	22.59	22.63	22.49	23.50	19.64	19.49	19.53	20.50
DC-HSDPA Subtest-3	22.16	22.24	21.98	23.00	19.24	19.32	19.29	20.00
DC-HSDPA Subtest-4	21.90	22.12	21.95	23.00	19.00	19.24	19.17	20.00
HSUPA Subtest-1	22.72	22.40	22.67	23.50	19.74	19.56	19.53	20.50
HSUPA Subtest-2	21.91	22.17	22.12	22.50	18.96	19.14	19.27	19.50
HSUPA Subtest-3	22.55	22.77	22.49	23.50	19.68	19.83	19.61	20.50
HSUPA Subtest-4	22.35	22.58	22.38	23.50	19.29	19.63	19.51	20.50
HSUPA Subtest-5	22.32	22.95	22.48	23.50	19.40	19.95	19.44	20.50

GSM&WCDMA DSI5

Band	GSM850_Ant0				GSM850_Ant1			
Channel	128	189	251	Max. Tune-up Power (dBm)	128	189	251	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM	32.72	32.94	**32.96**	33.50	28.42	28.56	**28.73**	29.50
GPRS 1Tx Slot	32.69	32.92	32.95	33.50	28.38	28.54	28.72	29.50
GPRS 2Tx Slot	30.19	30.26	30.33	31.00	26.18	26.29	26.04	27.00
GPRS 3Tx Slot	28.57	28.54	28.59	29.30	24.61	24.78	24.47	25.30
GPRS 4Tx Slot	27.05	26.92	27.07	28.00	23.39	23.44	22.84	24.00
EDGE 1Tx Slot	26.82	26.87	26.96	27.50	26.81	26.94	26.75	28.00
EDGE 2Tx Slot	24.43	24.43	24.48	25.00	24.41	24.45	24.38	25.50
EDGE 3Tx Slot	22.57	22.25	22.34	23.30	22.49	22.56	22.40	23.80
EDGE 4Tx Slot	20.93	20.80	20.95	22.00	20.90	20.95	20.76	22.50

Band	GSM1900_Ant2				GSM1900_Ant3			
Channel	512	661	810	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM	25.25	25.54	**25.89**	26.50	24.87	25.30	**25.52**	26.00
GPRS 1Tx Slot	25.30	25.38	25.72	26.50	25.00	25.18	25.42	26.00
GPRS 2Tx Slot	23.14	23.34	23.04	24.00	22.58	22.66	22.92	23.50
GPRS 3Tx Slot	21.29	21.16	21.40	22.30	20.40	20.67	20.72	21.80
GPRS 4Tx Slot	19.76	19.96	19.85	21.00	19.67	19.85	20.06	20.50
EDGE 1Tx Slot	24.85	25.18	25.30	26.50	25.36	25.48	25.44	27.00
EDGE 2Tx Slot	22.72	22.65	22.54	23.50	23.18	23.34	23.16	24.00
EDGE 3Tx Slot	20.92	21.01	20.57	21.80	21.30	21.51	21.49	22.30
EDGE 4Tx Slot	19.82	19.67	19.47	20.50	20.23	20.33	20.23	21.00

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM850			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	23.72	23.94	23.96	24.50	19.42	19.56	19.73	20.50
GPRS 1Tx Slot	23.69	23.92	23.95	24.50	19.38	19.54	19.72	20.50
GPRS 2Tx Slot	24.19	24.26	24.33	25.00	20.18	20.29	20.04	21.00
GPRS 3Tx Slot	24.31	24.28	24.33	25.04	20.35	20.52	20.21	21.04
GPRS 4Tx Slot	24.05	23.92	24.07	25.00	20.39	20.44	19.84	21.00
EDGE 1Tx Slot	17.82	17.87	17.96	18.50	17.81	17.94	17.75	19.00
EDGE 2Tx Slot	18.43	18.43	18.48	19.00	18.41	18.45	18.38	19.50
EDGE 3Tx Slot	18.31	17.99	18.08	19.04	18.23	18.30	18.14	19.54
EDGE 4Tx Slot	17.93	17.80	17.95	19.00	17.90	17.95	17.76	19.50

Source-Based Time-Averaged Power								
Band	GSM1900			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	16.25	16.54	16.89	17.50	15.87	16.30	16.52	17.00
GPRS 1Tx Slot	16.30	16.38	16.72	17.50	16.00	16.18	16.42	17.00
GPRS 2Tx Slot	17.14	17.34	17.04	18.00	16.58	16.66	16.92	17.50
GPRS 3Tx Slot	17.03	16.90	17.14	18.04	16.14	16.41	16.46	17.54
GPRS 4Tx Slot	16.76	16.96	16.85	18.00	16.67	16.85	17.06	17.50
EDGE 1Tx Slot	15.85	16.18	16.30	17.50	16.36	16.48	16.44	18.00
EDGE 2Tx Slot	16.72	16.65	16.54	17.50	17.18	17.34	17.16	18.00
EDGE 3Tx Slot	16.66	16.75	16.31	17.54	17.04	17.25	17.23	18.04
EDGE 4Tx Slot	16.82	16.67	16.47	17.50	17.23	17.33	17.23	18.00

Band	WCDMA II_Ant2			WCDMA II	WCDMA II_Ant3			WCDMA II
TX Channel	9262	9400	9538	Max. Tune-up Power (dBm)	9262	9400	9538	Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		9662	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6		1852.4	1880	1907.6	
RMC 12.2K	**17.10**	16.90	16.98	**18.00**	15.85	**16.06**	15.60	**17.00**
HSDPA Subtest-1	15.71	16.06	15.80	17.00	14.62	14.81	14.51	16.00
HSDPA Subtest-2	15.72	15.68	16.03	17.00	14.59	14.50	14.70	16.00
HSDPA Subtest-3	15.12	15.34	15.28	16.50	13.90	14.32	13.96	15.50
HSDPA Subtest-4	15.58	15.21	15.45	16.50	14.00	14.15	14.22	15.50
DC-HSDPA Subtest-1	15.83	15.87	16.04	17.00	14.56	14.54	14.86	16.00
DC-HSDPA Subtest-2	15.85	15.85	15.74	17.00	14.73	14.59	14.64	16.00
DC-HSDPA Subtest-3	15.22	15.49	15.36	16.50	13.93	14.30	14.08	15.50
DC-HSDPA Subtest-4	15.27	15.21	15.15	16.50	13.97	14.03	14.17	15.50
HSUPA Subtest-1	15.87	15.85	15.99	17.00	14.71	14.68	14.59	16.00
HSUPA Subtest-2	15.17	15.56	15.52	16.00	13.79	14.20	14.15	15.00
HSUPA Subtest-3	15.89	15.96	15.62	17.00	14.42	14.61	14.53	16.00
HSUPA Subtest-4	15.84	15.72	15.66	17.00	14.34	14.67	14.54	16.00
HSUPA Subtest-5	15.84	15.94	15.90	17.00	14.32	14.74	14.46	16.00

Band	WCDMA IV_Ant0			WCDMA IV	WCDMA IV_Ant2			WCDMA IV
TX Channel	1312	1413	1513	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)
Rx Channel	1537	1638	1738		1537	1638	1738	
Frequency (MHz)	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
RMC 12.2K	20.20	20.26	**20.49**	**21.00**	17.36	**17.38**	17.35	**18.00**
HSDPA Subtest-1	19.22	19.37	19.07	20.00	16.39	16.38	16.38	17.00
HSDPA Subtest-2	19.14	19.25	19.46	20.00	16.28	16.40	16.60	17.00
HSDPA Subtest-3	18.53	18.86	18.60	19.50	15.71	15.90	15.68	16.50
HSDPA Subtest-4	18.79	18.86	18.87	19.50	15.89	15.70	15.93	16.50
DC-HSDPA Subtest-1	19.23	19.38	19.50	20.00	16.21	16.46	16.68	17.00
DC-HSDPA Subtest-2	19.41	19.22	19.33	20.00	16.38	16.30	16.42	17.00
DC-HSDPA Subtest-3	18.65	18.86	18.82	19.50	15.69	15.91	15.90	16.50
DC-HSDPA Subtest-4	18.73	18.72	18.80	19.50	15.71	15.91	15.76	16.50
HSUPA Subtest-1	19.40	19.15	19.41	20.00	16.41	16.41	16.54	17.00
HSUPA Subtest-2	18.32	18.46	18.20	19.00	15.65	15.91	15.92	16.00
HSUPA Subtest-3	19.21	19.13	19.24	20.00	16.27	16.37	16.23	17.00
HSUPA Subtest-4	18.94	19.34	19.20	20.00	16.15	16.25	16.25	17.00
HSUPA Subtest-5	19.12	19.52	19.10	20.00	16.27	16.52	16.42	17.00

Band	WCDMA V_Ant0			WCDMA V	WCDMA V_Ant1			WCDMA V
TX Channel	4132	4182	4233	Max. Tune-up Power (dBm)	4132	4182	4233	Max. Tune-up Power (dBm)
Rx Channel	4357	4407	4458		4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6		826.4	836.4	846.6	
RMC 12.2K	24.51	**24.58**	24.47	**25.00**	**19.38**	19.29	19.31	**20.00**
HSDPA Subtest-1	23.37	23.39	23.33	24.00	18.38	18.33	18.39	19.00
HSDPA Subtest-2	23.55	23.31	23.50	24.00	18.27	18.32	18.47	19.00
HSDPA Subtest-3	22.87	23.10	22.70	23.50	17.53	18.15	17.70	18.50
HSDPA Subtest-4	23.13	23.08	23.16	23.50	18.05	17.68	17.93	18.50
DC-HSDPA Subtest-1	23.59	23.55	23.49	24.00	18.21	18.33	18.39	19.00
DC-HSDPA Subtest-2	23.66	23.20	23.65	24.00	18.40	18.30	18.39	19.00
DC-HSDPA Subtest-3	22.98	23.03	23.05	23.50	17.73	18.10	17.89	18.50
DC-HSDPA Subtest-4	22.76	23.06	23.06	23.50	17.70	17.81	17.81	18.50
HSUPA Subtest-1	23.54	23.50	23.51	24.00	18.45	18.32	18.44	19.00
HSUPA Subtest-2	22.46	22.43	22.41	23.00	17.77	17.87	17.91	18.00
HSUPA Subtest-3	23.49	23.68	23.27	24.00	18.26	18.30	18.19	19.00
HSUPA Subtest-4	23.35	23.61	23.29	24.00	18.18	18.19	18.43	19.00
HSUPA Subtest-5	23.33	23.16	23.28	24.00	18.15	18.59	18.32	19.00

Band	WCDMA IV_Ant3			WCDMA IV	WCDMA IV_Ant4			WCDMA IV
TX Channel	1312	1413	1513	Max. Tune-up Power (dBm)	1312	1413	1513	Max. Tune-up Power (dBm)
Rx Channel	1537	1638	1738		1537	1638	1738	
Frequency (MHz)	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
RMC 12.2K	16.20	16.29	**16.31**	**17.00**	16.18	16.10	**16.25**	**17.00**
HSDPA Subtest-1	14.93	15.09	15.02	16.00	15.20	15.16	15.10	16.00
HSDPA Subtest-2	15.15	15.10	15.12	16.00	15.09	15.05	15.24	16.00
HSDPA Subtest-3	14.44	14.60	14.54	15.50	14.66	14.72	14.44	15.50
HSDPA Subtest-4	14.63	14.42	14.81	15.50	14.81	14.46	14.92	15.50
DC-HSDPA Subtest-1	15.00	15.09	15.20	16.00	15.20	15.21	15.10	16.00
DC-HSDPA Subtest-2	15.00	15.00	14.89	16.00	15.16	15.03	15.05	16.00
DC-HSDPA Subtest-3	14.75	14.71	14.54	15.50	14.58	14.91	14.65	15.50
DC-HSDPA Subtest-4	14.42	14.66	14.44	15.50	14.50	14.71	14.50	15.50
HSUPA Subtest-1	15.12	14.97	15.01	16.00	15.25	15.12	15.04	16.00
HSUPA Subtest-2	14.46	14.68	14.59	15.00	14.55	14.74	14.77	15.00
HSUPA Subtest-3	15.03	15.22	14.95	16.00	15.00	15.32	15.15	16.00
HSUPA Subtest-4	14.88	14.99	14.94	16.00	14.86	14.96	15.00	16.00
HSUPA Subtest-5	14.97	15.51	14.98	16.00	14.89	15.45	14.91	16.00

LTE Default

LTE Band 2_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	23.57	23.62	23.74	0	25
		1	50	23.75	23.69	**23.79**	0	25
		1	99	23.64	23.60	23.71	0	25
		50	0	22.53	22.59	22.68	1	24
		50	25	22.68	22.71	22.73	1	24
		50	50	22.60	22.61	22.66	1	24
		100	0	22.52	22.61	22.70	1	24
	16QAM	1	0	22.78	22.82	22.72	1	24
		1	50	22.92	22.85	22.76	1	24
		1	99	22.72	22.79	22.75	1	24
		50	0	21.59	21.67	21.38	2	23
		50	25	21.52	21.64	21.51	2	23
		50	50	21.66	21.68	21.66	2	23
		100	0	21.48	21.55	21.52	2	23
	64QAM	1	0	21.72	21.73	21.64	2	23
		1	50	21.82	21.86	21.81	2	23
		1	99	21.85	21.85	21.58	2	23
		50	0	20.53	20.67	20.51	3	22
		50	25	20.60	20.64	20.50	3	22
		50	50	20.53	20.61	20.35	3	22
		100	0	20.42	20.57	20.42	3	22
	256QAM	1	0	18.94	18.78	18.62	5	20
		1	50	18.62	18.80	18.66	5	20
		1	99	18.58	18.67	18.56	5	20
		50	0	18.58	18.56	18.45	5	20
		50	25	18.51	18.66	18.55	5	20
		50	50	18.73	18.67	18.53	5	20
		100	0	18.51	18.59	18.54	5	20
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	23.55	23.49	**23.66**	0	25
		1	37	23.61	23.58	23.57	0	25
		1	74	23.61	23.52	23.56	0	25
		36	0	22.43	22.50	22.63	1	24
		36	19	22.65	22.58	22.72	1	24
		36	39	22.54	22.59	22.64	1	24
		75	0	22.47	22.46	22.63	1	24
	16QAM	1	0	22.72	22.67	22.62	1	24
		1	37	22.91	22.84	22.72	1	24
		1	74	22.63	22.73	22.68	1	24
		36	0	21.48	21.61	21.28	2	23
		36	19	21.48	21.58	21.43	2	23
		36	39	21.57	21.60	21.57	2	23
		75	0	21.35	21.46	21.40	2	23
	64QAM	1	0	21.66	21.64	21.59	2	23
		1	37	21.69	21.85	21.70	2	23
		1	74	21.75	21.74	21.44	2	23
		36	0	20.52	20.62	20.46	3	22
		36	19	20.58	20.56	20.49	3	22
		36	39	20.38	20.51	20.28	3	22
		75	0	20.33	20.49	20.29	3	22
	256QAM	1	0	18.58	18.73	18.59	5	20
		1	37	18.47	18.71	18.64	5	20
		1	74	18.45	18.53	18.47	5	20
		36	0	18.50	18.43	18.41	5	20
		36	19	18.45	18.50	18.45	5	20
		36	39	18.70	18.63	18.43	5	20
		75	0	18.46	18.54	18.45	5	20
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	23.47	23.48	**23.73**	0	25
		1	24	23.61	23.61	23.71	0	25
		1	49	23.57	23.59	23.60	0	25
		25	0	22.42	22.53	22.54	1	24
		25	12	22.63	22.66	22.61	1	24
		25	25	22.51	22.48	22.61	1	24
		50	0	22.43	22.48	22.65	1	24
	16QAM	1	0	22.75	22.68	22.67	1	24
		1	24	22.86	22.71	22.75	1	24
		1	49	22.60	22.78	22.72	1	24
		25	0	21.55	21.63	21.33	2	23
		25	12	21.38	21.58	21.45	2	23
		25	25	21.56	21.66	21.54	2	23
		50	0	21.40	21.47	21.38	2	23
	64QAM	1	0	21.56	21.68	21.55	2	23
		1	24	21.80	21.75	21.71	2	23
		1	49	21.73	21.72	21.47	2	23
		25	0	20.49	20.63	20.41	3	22
		25	12	20.56	20.53	20.39	3	22
		25	25	20.50	20.53	20.31	3	22
		50	0	20.34	20.52	20.29	3	22
	256QAM	1	0	18.60	18.76	18.58	5	20
		1	24	18.58	18.70	18.63	5	20
		1	49	18.54	18.66	18.55	5	20
		25	0	18.50	18.54	18.44	5	20
		25	12	18.43	18.61	18.40	5	20
		25	25	18.71	18.53	18.43	5	20
		50	0	18.50	18.44	18.52	5	20
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	23.50	23.60	23.73	0	25
		1	12	23.69	23.61	**23.78**	0	25
		1	24	23.57	23.55	23.70	0	25
		12	0	22.44	22.47	22.67	1	24
		12	6	22.54	22.64	22.62	1	24
		12	13	22.54	22.56	22.62	1	24
		25	0	22.44	22.59	22.61	1	24
	16QAM	1	0	22.77	22.81	22.64	1	24
		1	12	22.86	22.94	22.71	1	24
		1	24	22.67	22.76	22.68	1	24
		12	0	21.45	21.63	21.29	2	23
		12	6	21.42	21.62	21.43	2	23
		12	13	21.63	21.67	21.65	2	23
		25	0	21.43	21.44	21.49	2	23
	64QAM	1	0	21.64	21.64	21.51	2	23
		1	12	21.80	21.76	21.66	2	23
		1	24	21.77	21.80	21.53	2	23
		12	0	20.40	20.56	20.41	3	22
		12	6	20.45	20.56	20.43	3	22
		12	13	20.48	20.51	20.33	3	22
		25	0	20.40	20.47	20.41	3	22
	256QAM	1	0	18.63	18.73	18.54	5	20
		1	12	18.55	18.67	18.56	5	20
		1	24	18.55	18.52	18.46	5	20
		12	0	18.45	18.44	18.35	5	20
		12	6	18.47	18.50	18.54	5	20
		12	13	18.63	18.58	18.45	5	20
		25	0	18.41	18.58	18.52	5	20
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	23.42	23.54	23.61	0	25
		1	7	23.66	23.56	**23.67**	0	25
		1	14	23.50	23.50	23.56	0	25
		8	0	22.38	22.53	22.63	1	24
		8	3	22.54	22.57	22.72	1	24
		8	7	22.45	22.48	22.64	1	24
		15	0	22.51	22.59	22.59	1	24
	16QAM	1	0	22.74	22.76	22.57	1	24
		1	7	22.77	22.78	22.70	1	24
		1	14	22.66	22.75	22.62	1	24
		8	0	21.47	21.63	21.37	2	23
		8	3	21.41	21.54	21.41	2	23
		8	7	21.51	21.56	21.63	2	23
		15	0	21.35	21.53	21.49	2	23
	64QAM	1	0	21.68	21.61	21.57	2	23
		1	7	21.68	21.78	21.71	2	23
		1	14	21.73	21.76	21.45	2	23
		8	0	20.52	20.63	20.36	3	22
		8	3	20.53	20.55	20.41	3	22
		8	7	20.51	20.47	20.26	3	22
		15	0	20.40	20.49	20.38	3	22
	256QAM	1	0	18.54	18.66	18.49	5	20
		1	7	18.51	18.79	18.61	5	20
		1	14	18.43	18.55	18.55	5	20
		8	0	18.56	18.43	18.41	5	20
		8	3	18.48	18.58	18.54	5	20
		8	7	18.67	18.63	18.47	5	20
		15	0	18.48	18.50	18.44	5	20
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	23.47	23.61	23.60	0	25
		1	2	**23.71**	23.64	23.66	0	25
		1	5	23.63	23.56	23.56	0	25
		3	0	23.16	23.26	23.37	0	25
		3	1	23.40	23.35	23.38	0	25
		3	3	23.25	23.37	23.41	0	25
		6	0	22.46	22.52	22.55	1	24
	16QAM	1	0	22.75	22.76	22.60	1	24
		1	2	22.84	22.74	22.70	1	24
		1	5	22.67	22.68	22.71	1	24
		3	0	22.31	22.36	22.41	1	24
		3	1	22.27	22.27	22.17	1	24
		3	3	22.30	22.45	22.34	1	24
		6	0	21.45	21.42	21.47	2	23
	64QAM	1	0	21.66	21.60	21.59	2	23
		1	2	21.74	21.83	21.71	2	23
		1	5	21.84	21.80	21.46	2	23
		3	0	21.25	21.34	21.21	2	23
		3	1	21.26	21.33	21.26	2	23
		3	3	21.20	21.31	21.12	2	23
		6	0	20.39	20.48	20.37	3	22
	256QAM	1	0	18.55	18.65	18.53	5	20
		1	2	18.55	18.70	18.65	5	20
		1	5	18.49	18.66	18.45	5	20
		3	0	18.46	18.50	18.39	5	20
		3	1	18.42	18.52	18.53	5	20
		3	3	18.63	18.66	18.38	5	20
		6	0	18.42	18.49	18.53	5	20

LTE Band 2_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20M	QPSK	1	0	23.58	23.77	23.69	0	25
		1	50	**23.89**	23.82	23.86	0	25
		1	99	23.80	23.80	23.71	0	25
		50	0	22.67	22.79	22.83	1	24
		50	25	22.83	22.81	22.76	1	24
		50	50	22.76	22.74	22.74	1	24
		100	0	22.77	22.72	22.69	1	24
	16QAM	1	0	22.92	22.97	22.98	1	24
		1	50	22.89	22.94	22.96	1	24
		1	99	22.91	22.95	22.97	1	24
		50	0	21.82	21.82	21.78	2	23
		50	25	21.70	21.86	21.80	2	23
		50	50	21.74	21.80	21.73	2	23
		100	0	21.76	21.79	21.80	2	23
	64QAM	1	0	21.75	21.82	21.80	2	23
		1	50	21.96	21.93	21.97	2	23
		1	99	21.98	21.92	21.95	2	23
		50	0	20.72	20.80	20.71	3	22
		50	25	20.84	20.93	20.81	3	22
		50	50	20.73	20.86	20.73	3	22
		100	0	20.83	20.90	20.85	3	22
	256QAM	1	0	18.78	18.90	18.88	5	20
		1	50	18.87	18.99	18.84	5	20
		1	99	18.96	18.86	18.93	5	20
		50	0	18.70	18.79	18.73	5	20
		50	25	18.73	18.93	18.94	5	20
		50	50	18.87	18.78	18.73	5	20
		100	0	18.80	18.89	18.73	5	20
BW	Modulation	Channel		18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
15M	QPSK	1	0	23.47	23.68	23.60	0	25
		1	37	23.77	23.68	**23.78**	0	25
		1	74	23.71	23.68	23.61	0	25
		36	0	22.63	22.73	22.59	1	24
		36	19	22.81	22.68	22.73	1	24
		36	39	22.66	22.68	22.60	1	24
		75	0	22.64	22.69	22.55	1	24
	16QAM	1	0	22.81	22.91	22.90	1	24
		1	37	22.80	22.84	22.84	1	24
		1	74	22.76	22.81	22.84	1	24
		36	0	21.68	21.68	21.68	2	23
		36	19	21.56	21.74	21.75	2	23
		36	39	21.72	21.85	21.59	2	23
		75	0	21.65	21.78	21.78	2	23
	64QAM	1	0	21.67	21.79	21.65	2	23
		1	37	21.94	21.85	21.96	2	23
		1	74	21.93	21.91	21.82	2	23
		36	0	20.71	20.72	20.70	3	22
		36	19	20.74	20.92	20.73	3	22
		36	39	20.66	20.73	20.59	3	22
		75	0	20.68	20.89	20.71	3	22
	256QAM	1	0	18.71	18.83	18.79	5	20
		1	37	18.75	18.84	18.72	5	20
		1	74	18.95	18.83	18.92	5	20
		36	0	18.68	18.73	18.59	5	20
		36	19	18.58	18.89	18.84	5	20
		36	39	18.81	18.68	18.65	5	20
		75	0	18.66	18.82	18.59	5	20
BW	Modulation	Channel		18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905		
10M	QPSK	1	0	23.53	23.76	23.66	0	25
		1	24	**23.83**	23.79	23.77	0	25
		1	49	23.78	23.72	23.62	0	25
		25	0	22.53	22.77	22.59	1	24
		25	12	22.78	22.66	22.71	1	24
		25	25	22.68	22.67	22.60	1	24
		50	0	22.68	22.71	22.60	1	24
	16QAM	1	0	22.87	22.92	22.88	1	24
		1	24	22.84	22.83	22.84	1	24
		1	49	22.88	22.80	22.82	1	24
		25	0	21.74	21.80	21.65	2	23
		25	12	21.68	21.71	21.71	2	23
		25	25	21.71	21.68	21.67	2	23
		50	0	21.69	21.66	21.65	2	23
	64QAM	1	0	21.65	21.76	21.65	2	23
		1	24	21.86	21.84	21.91	2	23
		1	49	21.95	21.78	21.91	2	23
		25	0	20.60	20.73	20.69	3	22
		25	12	20.76	20.80	20.73	3	22
		25	25	20.68	20.80	20.65	3	22
		50	0	20.78	20.86	20.82	3	22
	256QAM	1	0	18.65	18.78	18.85	5	20
		1	24	18.61	18.93	18.76	5	20
		1	49	18.90	18.71	18.92	5	20
		25	0	18.58	18.69	18.60	5	20
		25	12	18.69	18.86	18.88	5	20
		25	25	18.79	18.70	18.63	5	20
		50	0	18.76	18.82	18.71	5	20
BW	Modulation	Channel		18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
5M	QPSK	1	0	23.44	23.64	23.63	0	25
		1	12	**23.87**	23.72	23.72	0	25
		1	24	23.78	23.65	23.64	0	25
		12	0	22.66	22.76	22.52	1	24
		12	6	22.71	22.69	22.75	1	24
		12	13	22.73	22.59	22.64	1	24
		25	0	22.72	22.68	22.63	1	24
	16QAM	1	0	22.78	22.85	22.94	1	24
		1	12	22.84	22.79	22.86	1	24
		1	24	22.88	22.81	22.92	1	24
		12	0	21.75	21.70	21.66	2	23
		12	6	21.65	21.72	21.71	2	23
		12	13	21.65	21.74	21.67	2	23
		25	0	21.69	21.72	21.66	2	23
	64QAM	1	0	21.68	21.80	21.73	2	23
		1	12	21.86	21.86	21.85	2	23
		1	24	21.92	21.79	21.86	2	23
		12	0	20.64	20.67	20.70	3	22
		12	6	20.69	20.79	20.67	3	22
		12	13	20.63	20.82	20.59	3	22
		25	0	20.71	20.79	20.80	3	22
	256QAM	1	0	18.67	18.78	18.85	5	20
		1	12	18.74	18.84	18.73	5	20
		1	24	18.84	18.76	18.84	5	20
		12	0	18.58	18.67	18.70	5	20
		12	6	18.71	18.79	18.86	5	20
		12	13	18.83	18.76	18.80	5	20
		25	0	18.72	18.78	18.65	5	20
BW	Modulation	Channel		18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5		
3M	QPSK	1	0	23.48	23.69	23.65	0	25
		1	7	23.74	23.76	**23.80**	0	25
		1	14	23.67	23.70	23.64	0	25
		8	0	22.62	22.68	22.49	1	24
		8	3	22.77	22.78	22.73	1	24
		8	7	22.67	22.73	22.72	1	24
		15	0	22.75	22.67	22.58	1	24
	16QAM	1	0	22.83	22.83	22.87	1	24
		1	7	22.79	22.90	22.93	1	24
		1	14	22.81	22.84	22.90	1	24
		8	0	21.69	21.76	21.66	2	23
		8	3	21.59	21.71	21.77	2	23
		8	7	21.60	21.69	21.67	2	23
		15	0	21.75	21.65	21.78	2	23
	64QAM	1	0	21.65	21.81	21.78	2	23
		1	7	21.83	21.92	21.95	2	23
		1	14	21.91	21.85	21.80	2	23
		8	0	20.60	20.78	20.69	3	22
		8	3	20.69	20.87	20.70	3	22
		8	7	20.60	20.73	20.62	3	22
		15	0	20.72	20.76	20.75	3	22
	256QAM	1	0	18.64	18.81	18.78	5	20
		1	7	18.75	18.89	18.73	5	20
		1	14	18.68	18.80	18.89	5	20
		8	0	18.66	18.70	18.66	5	20
		8	3	18.68	18.85	18.90	5	20
		8	7	18.72	18.77	18.66	5	20
		15	0	18.74	18.77	18.69	5	20
BW	Modulation	Channel		18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4M	QPSK	1	0	23.53	23.63	23.62	0	25
		1	2	**23.88**	23.77	23.75	0	25
		1	5	23.68	23.70	23.63	0	25
		3	0	23.36	23.53	23.32	0	25
		3	1	23.65	23.49	23.58	0	25
		3	3	23.45	23.43	23.55	0	25
		6	0	22.74	22.57	22.67	1	24
	16QAM	1	0	22.88	22.83	22.96	1	24
		1	2	22.76	22.91	22.93	1	24
		1	5	22.88	22.88	22.96	1	24
		3	0	22.52	22.63	22.47	1	24
		3	1	22.52	22.66	22.48	1	24
		3	3	22.50	22.55	22.42	1	24
		6	0	21.68	21.69	21.76	2	23
	64QAM	1	0	21.68	21.69	21.65	2	23
		1	2	21.82	21.86	21.82	2	23
		1	5	21.67	21.89	21.92	2	23
		3	0	21.48	21.60	21.40	2	23
		3	1	21.64	21.72	21.58	2	23
		3	3	21.50	21.64	21.53	2	23
		6	0	20.60	20.86	20.75	3	22
	256QAM	1	0	18.67	18.82	18.80	5	20
		1	2	18.74	18.87	18.71	5	20
		1	5	18.84	18.85	18.86	5	20
		3	0	18.62	18.64	18.68	5	20
		3	1	18.68	18.79	18.90	5	20
		3	3	18.79	18.74	18.71	5	20
		6	0	18.78	18.83	18.64	5	20

LTE Default

LTE Band 4_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745	(dB)	(dBm)
20M	QPSK	1	0	23.68	25.63	23.65	0	24
		1	50	23.72	23.76	**23.85**	0	24
		1	99	23.70	23.74	23.78	0	24
		50	0	22.74	22.68	22.71	1	23
		50	25	22.83	22.78	22.85	1	23
		50	50	22.81	22.72	22.81	1	23
		100	0	22.75	22.77	22.79	1	23
	16QAM	1	0	22.70	22.60	22.59	1	23
		1	50	22.90	22.95	22.99	1	23
		1	99	22.90	22.93	22.94	1	23
		50	0	21.54	21.67	21.52	2	22
		50	25	21.70	21.85	21.82	2	22
		50	50	21.77	21.89	21.76	2	22
		100	0	21.73	21.83	21.71	2	22
	64QAM	1	0	21.48	21.62	21.60	2	22
		1	50	21.70	21.83	21.81	2	22
		1	99	21.67	21.88	21.86	2	22
		50	0	20.66	20.79	20.73	3	21
		50	25	20.76	20.88	20.77	3	21
		50	50	20.73	20.84	20.75	3	21
		100	0	20.78	20.79	20.69	3	21
	256QAM	1	0	18.69	18.82	18.88	5	19
		1	50	18.88	18.69	18.74	5	19
		1	99	18.69	18.63	18.68	5	19
		50	0	16.53	16.65	16.59	5	19
		50	25	16.72	16.84	16.69	5	19
		50	50	16.68	16.76	16.73	5	19
		100	0	16.73	16.75	16.63	5	19

BW	Modulation	Channel		20050	20175	20300	3GPP MPR	Max. Tune-up
		Frequency (MHz)		1717.5	1732.5	1747.5	(dB)	(dBm)
15M	QPSK	1	0	23.55	23.60	23.50	0	24
		1	37	23.67	**23.70**	23.68	0	24
		1	74	23.61	23.60	23.63	0	24
		36	0	22.64	22.61	22.62	1	23
		36	19	22.72	22.66	22.62	1	23
		36	39	22.75	22.62	22.69	1	23
		75	0	22.61	22.73	22.75	1	23
		75	38	22.61	22.68	22.77	1	23
	16QAM	1	37	22.77	22.93	22.88	1	23
		1	74	22.77	22.65	22.71	1	23
		36	0	21.48	21.54	21.51	2	22
		36	19	21.55	21.60	21.60	2	22
		36	39	21.64	21.83	21.71	2	22
		75	0	21.62	21.72	21.59	2	22
		75	38	21.38	21.55	21.61	2	22
	64QAM	1	37	21.60	21.75	21.76	2	22
		1	74	21.80	21.87	21.71	2	22
		36	0	20.60	20.65	20.67	3	21
		36	19	20.65	20.81	20.67	3	21
		36	39	20.60	20.60	20.68	3	21
		75	0	20.64	20.69	20.68	3	21
	256QAM	1	0	18.66	18.67	18.62	5	19
		1	37	18.74	18.65	18.64	5	19
		1	74	18.55	18.72	18.62	5	19
		36	0	18.44	18.50	18.57	5	19
		36	19	18.61	18.71	18.63	5	19
		36	39	18.65	18.71	18.70	5	19
		75	0	18.66	18.69	18.61	5	19

BW	Modulation	Channel		20050	20175	20300	3GPP MPR	Max. Tune-up
		Frequency (MHz)		1715	1732.5	1750	(dB)	(dBm)
10M	QPSK	1	0	23.59	23.49	23.54	0	24
		1	24	23.58	23.74	**23.79**	0	24
		1	49	23.57	23.64	23.64	0	24
		25	0	22.59	22.66	22.58	1	23
		25	12	22.73	22.68	22.62	1	23
		25	25	22.75	22.58	22.70	1	23
		50	0	22.66	22.72	22.74	1	23
	16QAM	1	0	22.66	22.72	22.81	1	23
		1	24	22.87	22.94	22.91	1	23
		1	49	22.85	22.80	22.74	1	23
		25	0	21.42	21.64	21.44	2	22
		25	12	21.61	21.73	21.75	2	22
		25	25	21.65	21.79	21.64	2	22
		50	0	21.70	21.73	21.62	2	22
	64QAM	1	0	21.41	21.47	21.49	2	22
		1	24	21.67	21.71	21.77	2	22
		1	49	21.79	21.77	21.72	2	22
		25	0	20.63	20.73	20.58	3	21
		25	12	20.66	20.79	20.70	3	21
		25	25	20.72	20.71	20.62	3	21
		50	0	20.77	20.73	20.65	3	21
	256QAM	1	0	18.68	18.74	18.80	5	19
		1	24	18.67	18.77	18.73	5	19
		1	49	18.54	18.69	18.59	5	19
		25	0	16.41	16.59	16.47	5	19
		25	12	16.60	16.69	16.63	5	19
		25	25	16.66	16.69	16.74	5	19
		50	0	16.71	16.67	16.52	5	19

BW	Modulation	Channel		19975	20175	20375	3GPP MPR	Max. Tune-up
		Frequency (MHz)		1712.5	1732.5	1752.5	(dB)	(dBm)
5M	QPSK	1	0	23.51	23.57	23.44	0	24
		1	12	23.54	**23.68**	23.61	0	24
		1	24	23.61	23.58	23.61	0	24
		12	0	22.69	22.55	22.46	1	23
		12	6	22.67	22.55	22.70	1	23
		12	13	22.67	22.62	22.68	1	23
		25	0	22.59	22.60	22.67	1	23
	16QAM	1	0	22.62	22.69	22.68	1	23
		1	12	22.61	22.69	22.95	1	23
		1	24	22.67	22.77	22.67	1	23
		12	0	21.44	21.45	21.37	2	22
		12	6	21.47	21.79	21.66	2	22
		12	13	21.53	21.62	21.59	2	22
		25	0	21.61	21.63	21.51	2	22
	64QAM	1	0	21.35	21.47	21.52	2	22
		1	12	21.48	21.69	21.67	2	22
		1	24	21.70	21.69	21.77	2	22
		12	0	20.42	20.74	20.60	3	21
		12	6	20.65	20.62	20.59	3	21
		12	13	20.49	20.70	20.69	3	21
		25	0	20.55	20.67	20.56	3	21
	256QAM	1	0	18.45	18.66	18.68	5	19
		1	12	18.74	18.79	18.45	5	19
		1	24	18.51	18.64	18.48	5	19
		12	0	16.46	15.39	16.43	5	19
		12	6	16.53	18.77	18.60	5	19
		12	13	16.41	18.60	18.70	5	19
		25	0	18.61	18.53	18.50	5	19

BW	Modulation	Channel		19965	20175	20385	3GPP MPR	Max. Tune-up
		Frequency (MHz)		1711.5	1732.5	1753.5	(dB)	(dBm)
3M	QPSK	1	0	23.64	23.55	23.62	0	24
		1	7	23.61	**23.74**	23.72	0	24
		1	14	23.60	23.61	23.67	0	24
		8	0	22.65	22.60	22.67	1	23
		8	3	22.67	22.62	22.65	1	23
		8	7	22.67	22.62	22.68	1	23
		15	0	22.74	22.62	22.72	1	23
	16QAM	1	0	22.79	22.76	22.75	1	23
		1	7	22.78	22.92	22.93	1	23
		1	14	22.76	22.69	22.69	1	23
		8	0	21.42	21.63	21.46	2	22
		8	3	21.69	21.77	21.72	2	22
		8	7	21.63	21.87	21.68	2	22
		15	0	21.70	21.74	21.59	2	22
	64QAM	1	0	21.34	21.48	21.52	2	22
		1	7	21.68	21.78	21.75	2	22
		1	14	21.73	21.73	21.81	2	22
		8	0	20.56	20.71	20.65	3	21
		8	3	20.74	20.83	20.62	3	21
		8	7	20.65	20.82	20.66	3	21
		15	0	20.77	20.74	20.65	3	21
	256QAM	1	0	18.66	18.77	18.78	5	19
		1	7	18.76	18.68	18.70	5	19
		1	14	18.54	18.78	18.61	5	19
		8	0	16.49	18.57	18.44	5	19
		8	3	18.69	18.63	18.66	5	19
		8	7	16.63	18.68	18.65	5	19
		15	0	18.70	18.65	18.55	5	19

BW	Modulation	Channel		19957	20175	20393	3GPP MPR	Max. Tune-up
		Frequency (MHz)		1710.7	1732.5	1754.3	(dB)	(dBm)
1.4M	QPSK	1	0	23.56	23.50	23.46	0	24
		1	2	23.56	23.57	23.60	0	24
		1	5	23.58	23.54	23.61	0	24
		3	0	**23.51**	23.46	23.41	0	24
		3	2	**23.63**	23.55	23.57	0	24
		3	3	23.55	23.38	23.60	0	24
		6	0	22.58	22.67	22.63	1	23
	16QAM	1	0	22.60	22.78	22.78	1	23
		1	2	22.70	22.77	22.99	1	23
		1	5	22.76	22.76	22.75	1	23
		3	0	22.35	22.40	22.42	1	23
		3	1	22.35	22.64	22.56	1	23
		3	2	22.47	22.78	22.61	1	23
		6	0	21.55	21.70	21.44	2	22
	64QAM	1	0	21.37	21.41	21.48	2	22
		1	2	21.55	21.57	21.75	2	22
		1	5	21.68	21.70	21.67	2	22
		3	0	21.41	21.49	21.43	2	22
		3	1	21.47	21.69	21.45	2	22
		3	2	21.62	21.69	21.56	2	22
		6	0	20.55	20.66	20.63	3	21
	256QAM	1	0	18.60	18.65	18.83	5	19
		1	2	18.78	18.68	18.64	5	19
		1	5	18.47	18.61	18.62	5	19
		3	0	18.32	18.51	18.36	5	19
		3	1	18.56	18.68	18.63	5	19
		3	3	18.59	18.71	18.65	5	19
		6	0	18.51	18.59	18.50	5	19

LTE Band 4_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745	(dB)	(dBm)
20M	QPSK	1	0	24.51	24.67	24.65	0	25.5
		1	50	24.72	**24.77**	24.76	0	25.5
		1	99	24.61	24.62	24.51	0	25.5
		50	0	23.71	23.62	23.53	1	24.5
		50	25	23.76	23.79	23.77	1	24.5
		50	50	23.75	23.73	23.72	1	24.5
		100	0	23.69	23.73	23.62	1	24.5
	16QAM	1	0	23.59	23.64	23.62	1	24.5
		1	50	23.77	23.74	23.66	1	24.5
		1	99	23.73	23.72	23.62	1	24.5
		50	0	22.69	22.68	22.61	2	23.5
		50	25	22.71	22.76	22.75	2	23.5
		50	50	22.77	22.80	22.69	2	23.5
		100	0	22.73	22.74	22.63	2	23.5
	64QAM	1	0	22.59	22.61	22.47	2	23.5
		1	50	22.62	22.73	22.67	2	23.5
		1	99	22.64	22.71	22.61	2	23.5
		50	0	21.62	21.74	21.64	3	22.5
		50	25	21.75	21.85	21.63	3	22.5
		50	50	21.66	21.73	21.68	3	22.5
		100	0	21.67	21.72	21.62	3	22.5
	256QAM	1	0	19.53	19.64	19.51	5	20.5
		1	50	19.76	19.89	19.78	5	20.5
		1	99	19.65	19.79	19.67	5	20.5
		50	0	19.87	19.98	19.87	5	20.5
		50	25	19.90	19.98	19.55	5	20.5
		50	50	19.82	19.76	19.82	5	20.5
		100	0	19.62	19.76	19.72	5	20.5

BW	Modulation	Channel		20050	20175	20300	3GPP MPR	Max. Tune-up
		Frequency (MHz)		1717.5	1732.5	1747.5	(dB)	(dBm)
15M	QPSK	1	0	24.37	24.54	24.44	0	25.5
		1	37	24.50	24.60	**24.70**	0	25.5
		1	74	24.49	24.57	24.47	0	25.5
		36	0	23.62	23.52	23.50	1	24.5
		36	19	23.63	23.68	23.61	1	24.5
		36	39	23.74	23.72	23.68	1	24.5
		75	0	23.55	23.63	23.55	1	24.5
		75	38	23.57	23.74	23.55	1	24.5
	16QAM	1	37	23.70	23.65	23.52	1	24.5
		1	74	23.66	23.47	23.58	1	24.5
		36	0	22.55	22.59	22.65	2	23.5
		36	19	22.59	22.62	22.63	2	23.5
		36	39	22.70	22.70	22.66	2	23.5
		75	0	22.67	22.72	22.59	2	23.5
		75	38	22.60	22.72	22.63	2	23.5
	64QAM	1	37	22.48	22.72	22.65	2	23.5
		1	74	22.61	22.56	22.46	2	23.5
		36	0	21.60	21.63	21.56	3	22.5
		36	19	21.50	21.69	21.58	3	22.5
		36	39	21.63	21.62	21.60	3	22.5
		75	0	21.55	21.61	21.47	3	22.5
	256QAM	1	0	19.46	19.56	19.43	5	20.5
		1	37	19.73	19.70	19.75	5	20.5
		1	74	19.54	19.65	19.62	5	20.5
		36	0	19.63	19.82	19.66	5	20.5
		36	19	19.66	19.64	19.62	5	20.5
		36	39	19.55	19.56	19.56	5	20.5
		75	0	19.55	19.75	19.64	5	20.5

BW	Modulation	Channel		20025	20175	20325	3GPP MPR	Max. Tune-up
		Frequency (MHz)		1715	1732.5	1750	(dB)	(dBm)
10M	QPSK	1	0	24.49	24.54	24.51	0	25.5
		1	24	24.69	**24.74**	24.73	0	25.5
		1	49	24.51	24.51	24.50	0	25.5
		25	0	23.57	23.55	23.46	1	24.5
		25	12	23.65	23.70	23.62	1	24.5
		25	25	23.67	23.64	23.69	1	24.5
		50	0	23.57	23.58	23.58	1	24.5
	16QAM	1	0	23.63	23.48	23.44	1	24.5
		1	24	23.72	23.74	23.62	1	24.5
		1	49	23.59	23.57	23.62	1	24.5
		25	0	22.58	22.63	22.61	2	23.5
		25	12	22.68	22.62	22.68	2	23.5
		25	25	22.68	22.77	22.58	2	23.5
		50	0	22.71	22.64	22.58	2	23.5
	64QAM	1	0	22.52	22.60	22.58	2	23.5
		1	24	22.60	22.65	22.64	2	23.5
		1	49	22.50	22.64	22.60	2	23.5
		25	0	21.53	21.69	21.60	3	22.5
		25	12	21.50	21.64	21.58	3	22.5
		25	25	21.65	21.70	21.57	3	22.5
		50	0	21.62	21.63	21.49	3	22.5
	256QAM	1	0	19.38	19.54	19.46	5	20.5
		1	24	19.74	19.81	19.68	5	20.5
		1	49	19.57	19.71	19.57	5	20.5
		25	0	16.94	19.74	19.74	5	20.5
		25	12	19.54	19.53	19.43	5	20.5
		25	25	19.59	19.58	19.48	5	20.5
		50	0	19.59	19.64	19.54	5	20.5

BW	Modulation	Channel		19975	20175	20375	3GPP MPR	Max. Tune-up
		Frequency (MHz)		1712.5	1732.5	1752.5	(dB)	(dBm)
5M	QPSK	1	0	24.48	**24.63**	24.55	0	25.5
		1	12	24.48		24.56	0	25.5
		1	24	24.43	24.50	24.36	0	25.5
		12	0	23.46	23.56	23.45	1	24.5
		12	6	23.55	23.66	23.50	1	24.5
		12	13	23.55	23.61	23.58	1	24.5
		25	0	23.51	23.57	23.48	1	24.5
	16QAM	1	0	23.65	23.47	23.47	1	24.5
		1	12	23.69	23.61	23.49	1	24.5
		1	24	23.51	23.95	23.38	1	24.5
		12	0	21.67	21.72	21.62	2	23.5
		12	6	22.54	22.61	22.62	2	23.5
		12	13	22.64	22.62	22.51	2	23.5
		25	0	22.44	22.56	22.64	2	23.5
	64QAM	1	0	22.44	22.52	22.41	2	23.5
		1	12	22.48	22.55	22.57	2	23.5
		1	24	22.42	22.52	22.53	2	23.5
		12	0	21.50	21.58	21.52	3	22.5
		12	6	21.62	21.73	21.59	3	22.5
		12	13	21.48	21.59	21.58	3	22.5
		25	0	21.55	21.52	21.49	3	22.5
	256QAM	1	0	19.36	19.46	19.42	5	20.5
		1	12	19.70	19.75	19.48	5	20.5
		1	24	19.56	19.53	19.52	5	20.5
		12	0	19.63	19.77	19.76	5	20.5
		12	6	19.51	19.44	19.35	5	20.5
		12	13	19.41	19.58	19.38	5	20.5
		25	0	19.37	19.65	19.66	5	20.5

BW	Modulation	Channel		19965	20175	20385	3GPP MPR	Max. Tune-up
		Frequency (MHz)		1711.5	1732.5	1753.5	(dB)	(dBm)
3M	QPSK	1	0	24.47	24.64	24.56	0	25.5
		1	7	24.59	24.63	**24.75**	0	25.5
		1	14	24.56	24.67	24.58	0	25.5
		8	0	23.70	23.61	23.58	1	24.5
		8	3	23.71	23.65	23.66	1	24.5
		8	7	23.63	23.62	23.71	1	24.5
		15	0	23.62	23.69	23.48	1	24.5
	16QAM	1	0	23.73	23.61	23.53	1	24.5
		1	7	23.73	23.61	23.49	1	24.5
		1	14	23.68	23.62	23.50	1	24.5
		8	0	22.60	22.63	22.67	2	23.5
		8	3	22.60	22.63	22.65	2	23.5
		8	7	22.74	22.72	22.69	2	23.5
		15	0	22.72	22.65	22.57	2	23.5
	64QAM	1	0	22.57	22.56	22.39	2	23.5
		1	7	22.58	22.67	22.47	2	23.5
		1	14	22.55	22.67	22.52	2	23.5
		8	0	21.56	21.72	21.60	3	22.5
		8	3	21.68	21.73	21.56	3	22.5
		8	7	21.65	21.67	21.66	3	22.5
		15	0	21.59	21.67	21.47	3	22.5
	256QAM	1	0	19.44	19.50	19.43	5	20.5
		1	7	19.77	19.87	19.75	5	20.5
		1	14	19.64	19.68	19.53	5	20.5
		8	0	19.86	19.87	19.81	5	20.5
		8	3	19.65	19.73	19.58	5	20.5
		8	7	19.52	19.64	19.57	5	20.5
		15	0	19.47	19.64	19.63	5	20.5

BW	Modulation	Channel		19957	20175	20393	3GPP MPR	Max. Tune-up
		Frequency (MHz)		1710.7	1732.5	1754.3	(dB)	(dBm)
1.4M	QPSK	1	0	24.38	24.55	24.63	0	25.5
		1	2	**24.71**	24.65	24.64	0	25.5
		1	5	24.58	24.48	24.40	0	25.5
		3	0	24.66	24.52	24.49	0	25.5
		3	2	24.63	24.56	24.66	0	25.5
		3	3	24.63	24.66	24.66	0	25.5
		6	0	23.58	23.54	23.56	1	24.5
	16QAM	1	0	23.60	23.54	23.44	1	24.5
		1	2	23.63	23.59	23.55	1	24.5
		1	5	23.72	23.79	23.66	1	24.5
		3	0	23.48	23.55	23.56	1	24.5
		3	1	23.56	23.65	23.69	1	24.5
		3	2	23.58	23.74	23.58	1	24.5
		6	0	22.61	22.71	22.55	2	23.5
	64QAM	1	0	22.46	22.70	22.57	2	23.5
		1	2	22.49	22.68	22.53	2	23.5
		1	5	22.62	22.63	22.55	2	23.5
		3	0	22.40	22.70	22.53	2	23.5
		3	1	22.48	22.70	22.47	2	23.5
		3	2	22.59	22.78	22.56	2	23.5
		6	0	21.56	21.60	21.54	3	22.5
	256QAM	1	0	19.46	19.56	19.45	5	20.5
		1	2	19.75	19.79	19.66	5	20.5
		1	5	19.64	19.71	19.61	5	20.5
		3	0	19.73	19.81	19.65	5	20.5
		3	1	19.66	19.81	19.41	5	20.5
		3	3	19.56	19.67	19.56	5	20.5
		6	0	19.50	19.71	19.59	5	20.5

LTE Band 4_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745	(dB)	(dBm)
20M	QPSK	1	0	24.56	24.36	24.44	0	25.5
		1	50	**24.67**	24.59	24.65	0	25.5
		1	99	24.61	24.57	24.56	0	25.5
		50	0	23.66	23.64	23.61	1	24.5
		50	25	23.71	23.75	23.72	1	24.5
		50	50	23.79	23.75	23.72	1	24.5
		100	0	23.61	23.77	23.79	1	24.5
	16QAM	1	0	23.64	23.62	23.56	1	24.5
		1	50	23.77	23.70	23.66	1	24.5
		1	99	23.71	23.62	23.66	1	24.5
		50	0	22.69	22.58	22.61	2	23.5
		50	25	22.71	22.70	22.61	2	23.5
		50	50	22.78	22.65	22.63	2	23.5
		100	0	22.68	22.57	22.66	2	23.5
	64QAM	1	0	22.54	22.39	22.52	2	23.5
		1	50	22.63	22.69	22.52	2	23.5
		1	99	22.78	22.65	22.72	2	23.5
		50	0	21.68	21.67	21.67	3	22.5
		50	25	21.75	21.52	21.63	3	22.5
		50	50	21.71	21.56	21.68	3	22.5
		100	0	21.74	21.65	21.62	3	22.5
	256QAM	1	0	19.62	19.55	19.49	5	20.5
		1	50	19.79	19.71	19.67	5	20.5
		1	99	19.68	19.60	19.60	5	20.5
		50	0	19.61	19.48	19.54	5

LTE Default

LTE Band 5_Ant0								
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20450	20525	20600		
		Frequency (MHz)		829	836.5	844		
10M	QPSK	1	0	24.55	24.59	24.56	0	25.5
		1	24	24.69	**24.75**	24.60	0	25.5
		1	49	24.29	24.38	24.31	0	25.5
		25	0	23.57	23.61	23.54	1	24.5
		25	12	23.67	23.73	23.71	1	24.5
		25	25	23.48	23.66	23.56	1	24.5
		50	0	23.46	23.57	23.52	1	24.5
	16QAM	1	0	24.02	23.97	23.92	1	24.5
		1	24	23.95	24.08	23.96	1	24.5
		1	49	23.98	23.91	23.80	1	24.5
		25	0	22.63	22.68	22.59	2	23.5
		25	12	22.73	22.75	22.76	2	23.5
		25	25	22.45	22.62	22.65	2	23.5
		50	0	22.57	22.57	22.58	2	23.5
	64QAM	1	0	22.69	22.74	22.67	2	23.5
		1	24	22.73	22.81	22.62	2	23.5
		1	49	22.72	22.80	22.59	2	23.5
		25	0	21.38	21.55	21.51	3	22.5
		25	12	21.52	21.76	21.56	3	22.5
		25	25	21.52	21.50	21.47	3	22.5
		50	0	21.58	21.67	21.52	3	22.5
	256QAM	1	0	19.41	19.57	19.37	5	20.5
		1	24	19.72	19.62	19.61	5	20.5
		1	49	19.62	19.77	19.69	5	20.5
		25	0	19.38	19.55	19.48	5	20.5
		25	12	19.51	19.68	19.61	5	20.5
		25	25	19.37	19.59	19.38	5	20.5
		50	0	19.60	19.75	19.54	5	20.5
BW	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5M	QPSK	1	0	24.40	24.55	24.45	0	25.5
		1	12	24.61	**24.68**	24.55	0	25.5
		1	24	24.20	24.34	24.28	0	25.5
		12	0	23.52	23.57	23.53	1	24.5
		12	6	23.60	23.65	23.70	1	24.5
		12	13	23.35	23.56	23.51	1	24.5
		25	0	23.36	23.39	23.50	1	24.5
	16QAM	1	0	23.95	23.95	23.80	1	24.5
		1	12	23.87	24.01	23.82	1	24.5
		1	24	23.97	23.80	23.78	1	24.5
		12	0	22.62	22.67	22.54	2	23.5
		12	6	22.61	22.70	22.68	2	23.5
		12	13	22.33	22.60	22.54	2	23.5
		25	0	22.43	22.48	22.47	2	23.5
	64QAM	1	0	22.63	22.71	22.66	2	23.5
		1	12	22.69	22.73	22.60	2	23.5
		1	24	22.57	22.68	22.50	2	23.5
		12	0	21.35	21.54	21.45	3	22.5
		12	6	21.50	21.74	21.47	3	22.5
		12	13	21.50	21.35	21.37	3	22.5
		25	0	21.45	21.63	21.44	3	22.5
	256QAM	1	0	19.38	19.50	19.27	5	20.5
		1	12	19.63	19.61	19.52	5	20.5
		1	24	19.58	19.73	19.66	5	20.5
		12	0	19.26	19.45	19.43	5	20.5
		12	6	19.49	19.55	19.57	5	20.5
		12	13	19.35	19.45	19.36	5	20.5
		25	0	19.50	19.64	19.47	5	20.5
BW	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3M	QPSK	1	0	24.53	24.56	24.50	0	25.5
		1	7	24.62	**24.64**	24.53	0	25.5
		1	14	24.19	24.34	24.20	0	25.5
		8	0	23.43	23.46	23.53	1	24.5
		8	3	23.64	23.59	23.56	1	24.5
		8	7	23.33	23.57	23.50	1	24.5
		15	0	23.32	23.41	23.48	1	24.5
	16QAM	1	0	23.98	23.88	23.85	1	24.5
		1	7	23.89	23.98	23.92	1	24.5
		1	14	23.92	23.89	23.67	1	24.5
		8	0	22.59	22.56	22.58	2	23.5
		8	3	22.71	22.74	22.65	2	23.5
		8	7	22.40	22.48	22.57	2	23.5
		15	0	22.45	22.47	22.47	2	23.5
	64QAM	1	0	22.62	22.73	22.60	2	23.5
		1	7	22.70	22.73	22.55	2	23.5
		1	14	22.58	22.77	22.53	2	23.5
		8	0	21.29	21.48	21.36	3	22.5
		8	3	21.51	21.73	21.41	3	22.5
		8	7	21.43	21.42	21.34	3	22.5
		15	0	21.43	21.54	21.41	3	22.5
	256QAM	1	0	19.39	19.47	19.22	5	20.5
		1	7	19.57	19.61	19.57	5	20.5
		1	14	19.58	19.65	19.62	5	20.5
		8	0	19.33	19.45	19.38	5	20.5
		8	3	19.46	19.66	19.50	5	20.5
		8	7	19.36	19.51	19.36	5	20.5
		15	0	19.47	19.60	19.52	5	20.5
BW	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4M	QPSK	1	0	24.43	24.50	24.49	0	25.5
		1	2	24.61	24.60	24.58	0	25.5
		1	5	24.15	24.33	24.25	0	25.5
		3	0	24.29	24.31	24.30	0	25.5
		3	1	24.32	24.50	24.41	0	25.5
		3	3	24.16	24.43	24.33	0	25.5
		6	0	23.38	23.46	23.52	1	24.5
	16QAM	1	0	23.95	23.86	23.89	1	24.5
		1	2	23.87	23.93	23.87	1	24.5
		1	5	23.89	23.76	23.78	1	24.5
		3	0	23.36	23.35	23.24	1	24.5
		3	1	23.38	23.52	23.41	1	24.5
		3	3	23.19	23.29	23.36	1	24.5
		6	0	22.49	22.43	22.45	2	23.5
	64QAM	1	0	22.55	22.65	22.66	2	23.5
		1	2	22.59	22.69	22.58	2	23.5
		1	5	22.62	22.72	22.46	2	23.5
		3	0	22.05	22.26	22.19	2	23.5
		3	1	22.30	22.44	22.33	2	23.5
		3	3	22.25	22.18	22.24	2	23.5
		6	0	21.50	21.65	21.39	3	22.5
	256QAM	1	0	19.37	19.43	19.29	5	20.5
		1	2	19.62	19.50	19.48	5	20.5
		1	5	19.59	19.63	19.54	5	20.5
		3	0	19.23	19.49	19.43	5	20.5
		3	1	19.44	19.59	19.51	5	20.5
		3	3	19.26	19.56	19.34	5	20.5
		6	0	19.56	19.69	19.52	5	20.5

LTE Band 5_Ant1								
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20450	20525	20600		
		Frequency (MHz)		829	836.5	844		
10M	QPSK	1	0	24.91	24.81	24.85	0	26
		1	24	**24.95**	24.86	24.91	0	26
		1	49	24.92	24.79	24.75	0	26
		25	0	23.93	23.85	23.86	1	25
		25	12	23.97	23.92	23.89	1	25
		25	25	23.87	23.90	23.88	1	25
		50	0	23.94	23.89	23.92	1	25
	16QAM	1	0	24.09	24.07	23.98	1	25
		1	24	24.05	24.07	23.93	1	25
		1	49	24.06	24.04	23.94	1	25
		25	0	22.97	22.94	22.88	2	24
		25	12	23.03	23.01	22.91	2	24
		25	25	22.95	22.88	22.96	2	24
		50	0	23.04	22.84	22.92	2	24
	64QAM	1	0	23.08	23.00	23.01	2	24
		1	24	22.97	23.00	22.89	2	24
		1	49	22.99	22.85	23.00	2	24
		25	0	21.85	21.67	21.79	3	23
		25	12	21.98	21.91	21.81	3	23
		25	25	22.01	22.04	21.90	3	23
		50	0	21.96	21.91	21.94	3	23
	256QAM	1	0	19.86	19.66	19.77	5	21
		1	24	20.10	20.03	20.00	5	21
		1	49	19.82	19.85	19.72	5	21
		25	0	19.94	19.74	19.78	5	21
		25	12	19.95	19.89	19.89	5	21
		25	25	19.97	19.94	19.92	5	21
		50	0	20.04	19.84	19.98	5	21
BW	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5M	QPSK	1	0	24.77	24.75	24.74	0	26
		1	12	**24.85**	24.71	24.82	0	26
		1	24	24.81	24.78	24.63	0	26
		12	0	23.91	23.84	23.77	1	25
		12	6	23.86	23.85	23.79	1	25
		12	13	23.83	23.85	23.77	1	25
		25	0	23.82	23.76	23.87	1	25
	16QAM	1	0	23.94	24.00	23.94	1	25
		1	12	24.04	23.98	23.78	1	25
		1	24	24.05	23.97	23.85	1	25
		12	0	22.87	22.83	22.79	2	24
		12	6	22.93	22.92	22.82	2	24
		12	13	22.92	22.83	22.83	2	24
		25	0	22.91	22.80	22.84	2	24
	64QAM	1	0	23.03	22.86	22.88	2	24
		1	12	22.92	22.98	22.78	2	24
		1	24	22.92	22.78	22.90	2	24
		12	0	21.77	21.58	21.73	3	23
		12	6	21.95	21.83	21.71	3	23
		12	13	21.88	21.92	21.88	3	23
		25	0	21.81	21.81	21.89	3	23
	256QAM	1	0	19.83	19.58	19.63	5	21
		1	12	19.98	19.96	19.88	5	21
		1	24	19.77	19.84	19.64	5	21
		12	0	19.89	19.59	19.64	5	21
		12	6	19.83	19.75	19.78	5	21
		12	13	19.95	19.90	19.84	5	21
		25	0	19.90	19.75	19.92	5	21
BW	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3M	QPSK	1	0	24.80	24.80	24.77	0	26
		1	7	24.80	24.82	24.79	0	26
		1	14	**24.91**	24.76	24.63	0	26
		8	0	23.92	23.82	23.85	1	25
		8	3	23.93	23.83	23.82	1	25
		8	7	23.77	23.81	23.76	1	25
		15	0	23.82	23.81	23.80	1	25
	16QAM	1	0	24.02	24.02	23.96	1	25
		1	7	23.96	23.96	23.90	1	25
		1	14	24.01	24.02	23.92	1	25
		8	0	22.94	22.90	22.75	2	24
		8	3	22.89	22.90	22.82	2	24
		8	7	22.93	22.83	22.85	2	24
		15	0	22.95	22.74	22.78	2	24
	64QAM	1	0	22.97	22.95	22.98	2	24
		1	7	22.85	22.93	22.86	2	24
		1	14	22.89	22.74	22.89	2	24
		8	0	21.74	21.56	21.72	3	23
		8	3	21.84	21.85	21.75	3	23
		8	7	21.88	21.90	21.79	3	23
		15	0	21.81	21.82	21.80	3	23
	256QAM	1	0	19.76	19.62	19.75	5	21
		1	7	19.96	20.02	19.99	5	21
		1	14	19.80	19.72	19.63	5	21
		8	0	19.83	19.60	19.69	5	21
		8	3	19.84	19.78	19.85	5	21
		8	7	19.94	19.88	19.79	5	21
		15	0	19.97	19.81	19.87	5	21
BW	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4M	QPSK	1	0	24.82	24.71	24.72	0	26
		1	2	**24.93**	24.83	24.76	0	26
		1	5	24.88	24.67	24.63	0	26
		3	0	24.75	24.61	24.65	0	26
		3	1	24.75	24.68	24.66	0	26
		3	3	24.60	24.60	24.61	0	26
		6	0	23.87	23.77	23.88	1	25
	16QAM	1	0	24.00	23.95	23.85	1	25
		1	2	23.90	24.00	23.90	1	25
		1	5	23.97	24.01	23.81	1	25
		3	0	23.74	23.68	23.67	1	25
		3	1	23.84	23.72	23.65	1	25
		3	3	23.74	23.64	23.65	1	25
		6	0	23.01	22.77	22.82	2	24
	64QAM	1	0	22.98	22.93	22.99	2	24
		1	2	22.90	22.89	22.78	2	24
		1	5	22.87	22.79	22.99	2	24
		3	0	22.61	22.42	22.58	2	24
		3	1	22.70	22.61	22.62	2	24
		3	3	22.78	22.79	22.58	2	24
		6	0	21.86	21.90	21.83	3	23
	256QAM	1	0	19.78	19.51	19.64	5	21
		1	2	20.06	19.93	19.93	5	21
		1	5	19.80	19.79	19.65	5	21
		3	0	19.82	19.62	19.72	5	21
		3	1	19.92	19.86	19.78	5	21
		3	3	19.85	19.81	19.85	5	21
		6	0	19.97	19.75	19.83	5	21

LTE Default

LTE Band 7_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	23.78	23.81	**23.87**	0	24
		1	50	23.73	23.78	23.65	0	24
		1	99	23.72	23.64	23.62	0	24
		50	0	22.79	22.81	22.84	1	23
		50	25	22.77	22.74	22.62	1	23
		50	50	22.76	22.70	22.44	1	23
		100	0	22.70	22.68	22.72	1	23
	16QAM	1	0	22.87	22.77	22.90	1	23
		1	50	22.72	22.70	22.73	1	23
		1	99	22.53	22.41	22.55	1	23
		50	0	21.82	21.85	21.95	2	22
		50	25	21.98	21.94	21.86	2	22
		50	50	21.81	21.86	21.91	2	22
		100	0	21.89	21.86	21.88	2	22
	64QAM	1	0	21.87	21.90	21.95	2	22
		1	50	21.85	21.87	21.92	2	22
		1	99	21.87	21.91	22.00	2	22
		50	0	20.96	20.84	20.98	3	21
		50	25	20.95	20.88	20.93	3	21
		50	50	20.76	20.87	20.91	3	21
		100	0	20.82	20.82	20.94	3	21
	256QAM	1	0	18.89	18.89	18.94	5	19
		1	50	18.93	18.95	18.96	5	19
		1	99	18.97	18.93	18.96	5	19
		50	0	18.86	18.91	18.97	5	19
		50	25	18.73	18.82	18.85	5	19
		50	50	18.68	18.77	18.82	5	19
		100	0	18.90	18.89	18.92	5	19
BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	23.74	23.66	**23.84**	0	24
		1	37	23.69	23.72	23.64	0	24
		1	74	23.58	23.58	23.51	0	24
		36	0	22.68	22.73	22.81	1	23
		36	19	22.72	22.63	22.55	1	23
		36	39	22.53	22.60	22.43	1	23
		75	0	22.61	22.57	22.63	1	23
		1	0	22.79	22.82	22.81	1	23
	16QAM	1	37	22.65	22.61	22.61	1	23
		1	74	22.40	22.27	22.44	1	23
		36	0	21.79	21.72	21.81	2	22
		36	19	21.89	21.80	21.72	2	22
		36	39	21.68	21.82	21.86	2	22
		75	0	21.88	21.80	21.84	2	22
	64QAM	1	0	21.75	21.81	21.92	2	22
		1	37	21.84	21.85	21.80	2	22
		1	74	21.80	21.87	21.94	2	22
		36	0	20.83	20.71	20.94	3	21
		36	19	20.88	20.77	20.81	3	21
		36	39	20.70	20.82	20.84	3	21
		75	0	20.71	20.74	20.89	3	21
	256QAM	1	0	18.75	18.79	18.83	5	19
		1	37	18.87	18.89	18.95	5	19
		1	74	18.78	18.90	18.93	5	19
		36	0	18.74	18.78	18.88	5	19
		36	19	18.65	18.81	18.78	5	19
		36	39	18.64	18.69	18.69	5	19
		75	0	18.78	18.81	18.78	5	19
BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	**23.76**	23.68	23.74	0	24
		1	24	23.65	23.63	23.61	0	24
		1	49	23.63	23.49	23.58	0	24
		25	0	22.69	22.76	22.82	1	23
		25	12	22.73	22.69	22.45	1	23
		25	25	22.74	22.66	22.40	1	23
		50	0	22.58	22.58	22.64	1	23
	16QAM	1	0	22.74	22.75	22.89	1	23
		1	24	22.60	22.66	22.65	1	23
		1	49	22.46	22.33	22.45	1	23
		25	0	21.76	21.81	21.91	2	22
		25	12	21.92	21.82	21.72	2	22
		25	25	21.73	21.80	21.82	2	22
		50	0	21.81	21.82	21.77	2	22
	64QAM	1	0	21.74	21.79	21.94	2	22
		1	24	21.81	21.85	21.86	2	22
		1	49	21.82	21.89	21.87	2	22
		25	0	20.87	20.80	20.91	3	21
		25	12	20.83	20.76	20.90	3	21
		25	25	20.76	20.77	20.79	3	21
		50	0	20.75	20.67	20.80	3	21
	256QAM	1	0	18.83	18.81	18.79	5	19
		1	24	18.89	18.81	18.92	5	19
		1	49	18.80	18.81	18.95	5	19
		25	0	18.82	18.84	18.92	5	19
		25	12	18.79	18.77	18.74	5	19
		25	25	18.83	18.66	18.67	5	19
		50	0	18.83	18.79	18.82	5	19
BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	23.63	23.68	23.72	0	24
		1	12	23.61	**23.77**	23.57	0	24
		1	24	23.66	23.57	23.51	0	24
		12	0	22.65	22.79	22.72	1	23
		12	6	22.74	22.64	22.51	1	23
		12	13	22.69	22.65	22.39	1	23
		25	0	22.69	22.60	22.66	1	23
	16QAM	1	0	22.76	22.74	22.83	1	23
		1	12	22.59	22.69	22.63	1	23
		1	24	22.43	22.27	22.41	1	23
		12	0	21.69	21.74	21.91	2	22
		12	6	21.94	21.90	21.76	2	22
		12	13	21.75	21.84	21.79	2	22
		25	0	21.98	21.84	21.79	2	22
	64QAM	1	0	21.82	21.77	21.80	2	22
		1	12	21.83	21.82	21.86	2	22
		1	24	21.82	21.82	21.92	2	22
		12	0	20.81	20.83	20.86	3	21
		12	6	20.90	20.82	20.87	3	21
		12	13	20.71	20.76	20.86	3	21
		25	0	20.76	20.78	20.88	3	21
	256QAM	1	0	18.78	18.81	18.90	5	19
		1	12	18.82	18.91	18.85	5	19
		1	24	18.74	18.84	18.89	5	19
		12	0	18.71	18.77	18.93	5	19
		12	6	18.70	18.74	18.78	5	19
		12	13	18.52	18.63	18.71	5	19
		25	0	18.79	18.77	18.80	5	19

LTE Band 7_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	24.45	**24.65**	24.54	0	25.5
		1	50	24.41	24.62	24.31	0	25.5
		1	99	24.40	24.56	24.27	0	25.5
		50	0	23.62	23.75	23.48	1	24.5
		50	25	23.54	23.64	23.39	1	24.5
		50	50	23.56	23.54	23.16	1	24.5
		100	0	23.58	23.65	23.38	1	24.5
	16QAM	1	0	23.74	23.84	23.64	1	24.5
		1	50	23.68	23.84	23.69	1	24.5
		1	99	23.42	23.64	23.53	1	24.5
		50	0	22.56	22.69	22.55	2	23.5
		50	25	22.33	22.58	22.41	2	23.5
		50	50	22.40	22.54	22.46	2	23.5
		100	0	22.53	22.61	22.57	2	23.5
	64QAM	1	0	22.63	22.76	22.56	2	23.5
		1	50	22.64	22.75	22.56	2	23.5
		1	99	22.44	22.51	22.32	2	23.5
		50	0	21.36	21.66	21.78	3	22.5
		50	25	21.36	21.56	21.67	3	22.5
		50	50	21.24	21.51	21.54	3	22.5
		100	0	21.44	21.62	21.39	3	22.5
	256QAM	1	0	19.55	19.70	19.60	5	20.5
		1	50	19.46	19.61	19.35	5	20.5
		1	99	19.11	19.46	19.12	5	20.5
		50	0	19.56	19.69	19.67	5	20.5
		50	25	19.37	19.63	19.75	5	20.5
		50	50	19.41	19.52	19.75	5	20.5
		100	0	19.33	19.50	19.35	5	20.5
BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	24.39	**24.63**	24.43	0	25.5
		1	37	24.35	24.60	24.20	0	25.5
		1	74	24.31	24.54	24.15	0	25.5
		36	0	23.57	23.73	23.34	1	24.5
		36	19	23.59	23.56	23.27	1	24.5
		36	39	23.52	23.48	23.15	1	24.5
		75	0	23.54	23.58	23.36	1	24.5
	16QAM	1	0	23.69	23.82	23.54	1	24.5
		1	37	23.61	23.75	23.65	1	24.5
		1	74	23.36	23.61	23.45	1	24.5
		36	0	22.43	22.63	22.45	2	23.5
		36	19	22.27	22.48	22.30	2	23.5
		36	39	22.25	22.45	22.32	2	23.5
		75	0	22.51	22.48	22.43	2	23.5
	64QAM	1	0	22.48	22.68	22.54	2	23.5
		1	37	22.52	22.65	22.43	2	23.5
		1	74	22.31	22.49	22.21	2	23.5
		36	0	21.44	21.55	21.65	3	22.5
		36	19	21.23	21.46	21.61	3	22.5
		36	39	21.15	21.37	21.45	3	22.5
		75	0	21.35	21.53	21.23	3	22.5
	256QAM	1	0	19.41	19.61	19.51	5	20.5
		1	37	19.39	19.53	19.59	5	20.5
		1	74	19.05	19.25	19.01	5	20.5
		36	0	19.50	19.67	19.77	5	20.5
		36	19	19.35	19.62	19.70	5	20.5
		36	39	19.40	19.44	19.73	5	20.5
		75	0	19.19	19.41	19.22	5	20.5
BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	24.37	**24.59**	24.41	0	25.5
		1	24	24.32	24.51	24.31	0	25.5
		1	49	24.35	24.48	24.13	0	25.5
		25	0	23.59	23.85	23.40	1	24.5
		25	12	23.46	23.50	23.34	1	24.5
		25	25	23.45	23.39	23.01	1	24.5
		50	0	23.48	23.52	23.24	1	24.5
	16QAM	1	0	23.68	23.74	23.51	1	24.5
		1	24	23.56	23.80	23.56	1	24.5
		1	49	23.36	23.54	23.43	1	24.5
		25	0	22.50	22.57	22.48	2	23.5
		25	12	22.62	22.62	22.39	2	23.5
		25	25	22.27	22.49	22.33	2	23.5
		50	0	22.41	22.51	22.50	2	23.5
	64QAM	1	0	22.51	22.76	22.48	2	23.5
		1	24	22.49	22.71	22.42	2	23.5
		1	49	22.33	22.36	22.24	2	23.5
		25	0	21.48	21.62	21.64	3	22.5
		25	12	21.31	21.53	21.56	3	22.5
		25	25	21.16	21.39	21.44	3	22.5
		50	0	21.40	21.46	21.27	3	22.5
	256QAM	1	0	19.46	19.64	19.46	5	20.5
		1	24	19.31	19.60	19.21	5	20.5
		1	49	19.08	19.26	18.99	5	20.5
		25	0	19.44	19.64	19.46	5	20.5
		25	12	19.36	19.61	19.63	5	20.5
		25	25	19.39	19.50	19.74	5	20.5
		50	0	19.27	19.46	19.27	5	20.5
BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	24.42	24.47	24.40	0	25.5
		1	12	24.36	**24.59**	24.16	0	25.5
		1	24	24.35	24.53	24.14	0	25.5
		12	0	23.50	23.65	23.50	1	24.5
		12	6	23.49	23.50	23.34	1	24.5
		12	13	23.43	23.55	23.31	1	24.5
		25	0	23.46	23.64	23.28	1	24.5
	16QAM	1	0	23.62	23.63	23.55	1	24.5
		1	12	23.56	23.56	23.56	1	24.5
		1	24	23.32	23.63	23.46	1	24.5
		12	0	22.36	22.56	22.39	2	23.5
		12	6	22.30	22.55	22.26	2	23.5
		12	13	22.36	22.41	22.41	2	23.5
		25	0	22.51	22.56	22.39	2	23.5
	64QAM	1	0	22.62	22.68	22.49	2	23.5
		1	12	22.52	22.58	22.55	2	23.5
		1	24	22.51	22.46	22.47	2	23.5
		12	0	21.50	21.65	21.76	3	22.5
		12	6	21.30	21.51	21.66	3	22.5
		12	13	21.10	21.48	21.47	3	22.5
		25	0	21.35	21.50	21.38	3	22.5
	256QAM	1	0	19.42	19.63	19.49	5	20.5
		1	12	19.41	19.50	19.24	5	20.5
		1	24	19.02	19.26	19.11	5	20.5
		12	0	19.47	19.55	19.80	5	20.5
		12	6	19.34	19.54	19.67	5	20.5
		12	13	19.35	19.46	19.74	5	20.5
		25	0	19.19	19.42	19.26	5	20.5

LTE Band 7_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	23.68	23.90	23.89	0	25.5
		1	50	23.86	**24.06**	23.92	0	25.5
		1	99	23.83	23.85	23.90	0	25.5
		50	0	22.99	23.01	22.96	1	24.5
		50	25	22.97	22.95	22.94	1	24.5
		50	50	22.71	22.86	22.69	1	24.5
		100	0	22.81	22.84	22.91	1	24.5
	16QAM	1	0	23.11	23.01	23.08	1	24.5
		1	50	23.10	23.13	23.05	1	24.5
		1	99	23.11	23.07	22.99	1	24.5
		50	0	21.97	21.95	21.99	2	23.5
		50	25	21.82	21.92	21.81	2	23.5
		50	50	21.82	21.88	21.75	2	23.5
		100	0	21.86	21.89	21.75	2	23.5
	64QAM	1	0	22.01	22.19	22.05	2	23.5
		1	50	21.84	22.12	21.94	2	23.5
		1	99	21.92	21.93	21.98	2	23.5
		50	0	20.97	21.07	21.04	3	22.5
		50	25	20.87	20.96	20.94	3	22.5
		50	50	20.65	20.85	20.76	3	22.5
		100	0	20.83	20.92	20.78	3	22.5
	256QAM	1	0	19.05	19.01	18.89	5	20.5
		1	50	19.19	19.21	19.04	5	20.5
		1	99	18.82	18.88	18.67	5	20.5
		50	0	19.04	19.05	18.85	5	20.5
		50	25	18.88	18.84	18.95	5	20.5
		50	50	18.87	18.97	18.73	5	20.5
		100	0	18.75	18.99	18.73	5	20.5
BW	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
15M	QPSK	1	0	23.64	23.81	23.86	0	25.5
		1	37	23.76	**23.97**	23.86	0	25.5
		1	74	23.79	23.81	23.75	0	25.5
		36	0	22.93	22.99	22.91	1	24.5
		36	19	22.88	22.94	22.92	1	24.5
		36	39	22.62	22.82	22.58	1	24.5
		75	0	22.70	22.73	22.79	1	24.5
	16QAM	1	0	23.02	22.98	23.01	1	24.5
		1	37	22.99	23.07	22.93	1	24.5
		1	74	23.05	23.03	22.89	1	24.5
		36	0	21.87	21.80	21.96	2	23.5
		36	19	21.72	21.84	21.80	2	23.5
		36	39	21.77	21.86	21.72	2	23.5
		75	0	21.81	21.80	21.82	2	23.5
	64QAM	1	0	21.98	22.08	22.01	2	23.5
		1	37	21.80	22.07	21.73	2	23.5
		1	74	21.78	21.88	21.87	2	23.5
		36	0	20.84	21.05	21.00	3	22.5
		36	19	20.83	20.91	20.86	3	22.5
		36	39	20.54	20.76	20.70	3	22.5
		75	0	20.86	20.78	20.77	3	22.5
	256QAM	1	0	19.02	18.96	18.85	5	20.5
		1	37	19.17	19.05	18.89	5	20.5
		1	74	18.71	18.79	18.59	5	20.5
		36	0	18.96	18.93	18.89	5	20.5
		36	19	18.75	18.70	18.81	5	20.5
		36	39	18.76	18.91	18.62	5	20.5
		75	0	18.63	18.85	18.80	5	20.5
BW	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565		
10M	QPSK	1	0	23.56	23.81	23.80	0	25.5
		1	24	23.62	**23.88**	23.80	0	25.5
		1	49	23.74	23.74	23.75	0	25.5
		25	0	22.94	22.93	22.85	1	24.5
		25	12	22.89	22.88	22.88	1	24.5
		25	25	22.69	22.83	22.65	1	24.5
		50	0	22.71	22.79	22.74	1	24.5
	16QAM	1	0	23.03	22.97	23.00	1	24.5
		1	24	23.03	23.03	22.93	1	24.5
		1	49	23.00	23.00	22.94	1	24.5
		25	0	21.95	21.93	21.94	2	23.5
		25	12	21.72	21.93	21.87	2	23.5
		25	25	21.71	21.80	21.73	2	23.5
		50	0	21.56	21.77	21.70	2	23.5
	64QAM	1	0	21.90	22.18	22.03	2	23.5
		1	24	21.80	22.01	21.71	2	23.5
		1	49	21.77	21.78	21.87	2	23.5
		25	0	20.88	20.93	20.97	3	22.5
		25	12	20.76	20.94	20.92	3	22.5
		25	25	20.60	20.78	20.72	3	22.5
		50	0	20.60	20.80	20.77	3	22.5
	256QAM	1	0	19.01	19.05	18.76	5	20.5
		1	24	19.06	19.10	18.99	5	20.5
		1	49	18.67	18.79	18.54	5	20.5
		25	0	18.91	18.83	18.94	5	20.5
		25	12	18.80	18.74	18.85	5	20.5
		25	25	18.73	18.89	18.60	5	20.5
		50	0	18.66	18.86	18.72	5	20.5
BW	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
5M	QPSK	1	0	23.05	23.89	23.98	0	25.5
		1	12	23.75	23.85	23.79	0	25.5
		1	24	23.66	23.80	23.76	0	25.5
		12	0	22.80	22.96	22.85	1	24.5
		12	6	22.88	22.84	22.81	1	24.5
		12	13	22.67	22.83	22.87	1	24.5
		25	0	22.68	22.72	22.75	1	24.5
	16QAM	1	0	23.04	22.90	23.01	1	24.5
		1	12	23.07	22.96	22.94	1	24.5
		1	24	22.98	22.93	22.94	1	24.5
		12	0	21.86	21.93	21.97	2	23.5
		12	6	21.77	21.83	21.76	2	23.5
		12	13	21.67	21.76	21.61	2	23.5
		25	0	21.92	21.98	21.79	2	23.5
	64QAM	1	0	21.91	22.07	21.91	2	23.5
		1	12	21.71	22.06	21.74	2	23.5
		1	24	21.91	21.91	21.93	2	23.5
		12	0	20.93	21.04	20.98	3	22.5
		12	6	20.74	20.94	20.90	3	22.5
		12	13	20.57	20.77	20.65	3	22.5
		25	0	20.82	20.81	20.67	3	22.5
	256QAM	1	0	18.96	18.91	18.80	5	20.5
		1	12	19.04	19.07	19.02	5	20.5
		1	24	18.71	18.73	18.55	5	20.5
		12	0	18.91	18.94	18.94	5	20.5
		12	6	18.74	18.69	18.92	5	20.5
		12	13	18.62	18.91	18.54	5	20.5
		25	0	18.60	18.88	18.68	5	20.5

LTE Band 7_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20M	QPSK	1	0	23.74	23.67	23.88	0	25.5
		1	50	24.02	**24.06**	23.94	0	25.5
		1	99	23.94	23.69	23.80	0	25.5
		50	0	22.77	22.94	22.85	1	24.5
		50	25	22.68	22.75	22.81	1	24.5
		50	50	22.64	22.70	22.59	1	24.5
		100	0	22.75	22.78	22.61	1	24.5
	16QAM	1	0	22.99	23.17	23.06	1	24.5
		1	50	22.97	23.08	22.96	1	24.5
		1	99	23.07	23.40	23.10	1	24.5
		50	0	21.73	21.84	21.72	2	23.5
		50	25	21.65	21.81	21.95	2	23.5
		50	50	21.59	21.78	21.69	2	23.5
		100	0	21.51	21.67	21.68	2	23.5
	64QAM	1	0	21.96	21.94	21.79	2	23.5
		1	50	21.83	22.16	21.92	2	23.5
		1	99	21.73	21.93	21.74	2	23.5
		50	0	21.28	21.34	21.11	3	22.5
		50	25	20.67	20.76	20.64	3	22.5
		50	50	20.81	20.62	20.65	3	22.5
		100	0	20.73	20.93	20.84	3	22.5
	256QAM	1	0	18.95	18.87	18.86	5	20.5
		1	50	18.90	18.82	18.78	5	20.5
		1	99	18.53	18.69	18.57	5	20.5
		50	0	18.67	18.71	18.67	5	20.5
		50	25	18.56	18.73	18.64	5	20.5
		50	50	18

LTE Default

LTE Band 26_Ant0								
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26765	26865	26965		
		Frequency (MHz)		821.5	831.5	841.5		
15M	QPSK	1	0	25.16	25.13	25.15	0	25.5
		1	37	**25.21**	25.14	25.20	0	25.5
		1	74	25.09	25.07	25.06	0	25.5
		36	0	24.18	24.20	24.16	1	24.5
		36	19	24.25	24.24	24.20	1	24.5
		36	39	24.10	24.17	24.14	1	24.5
		75	0	24.19	24.11	24.16	1	24.5
	16QAM	1	0	24.43	24.41	24.36	1	24.5
		1	37	24.17	24.09	24.14	1	24.5
		1	74	24.14	24.08	24.08	1	24.5
		36	0	23.23	23.09	23.20	2	23.5
		36	19	23.16	23.05	23.06	2	23.5
		36	39	23.10	23.03	22.98	2	23.5
		75	0	23.19	23.04	23.04	2	23.5
	64QAM	1	0	23.32	23.27	23.18	2	23.5
		1	37	23.50	23.35	23.43	2	23.5
		1	74	23.23	23.22	23.11	2	23.5
		36	0	22.27	22.12	22.20	3	22.5
		36	19	22.22	22.17	22.07	3	22.5
		36	39	22.17	22.13	22.09	3	22.5
		75	0	22.15	22.14	22.05	3	22.5
	256QAM	1	0	20.46	20.34	20.31	5	20.5
		1	37	20.28	20.14	20.15	5	20.5
		1	74	20.43	20.35	20.35	5	20.5
		36	0	20.24	20.22	20.13	5	20.5
		36	19	20.23	20.18	20.22	5	20.5
		36	39	20.14	20.03	20.06	5	20.5
		75	0	20.13	20.10	20.07	5	20.5
BW	Modulation	Channel		26740	26865	26990	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844		
10M	QPSK	1	0	25.06	25.06	25.04	0	25.5
		1	24	**25.12**	25.11	25.06	0	25.5
		1	49	25.04	24.93	24.94	0	25.5
		25	0	24.16	24.07	24.08	1	24.5
		25	12	24.20	24.20	24.19	1	24.5
		25	25	23.95	24.09	24.02	1	24.5
		50	0	24.16	24.04	24.13	1	24.5
	16QAM	1	0	24.41	24.36	24.26	1	24.5
		1	24	24.09	23.95	24.10	1	24.5
		1	49	24.08	23.96	24.00	1	24.5
		25	0	23.10	23.02	23.07	2	23.5
		25	12	23.09	22.99	22.95	2	23.5
		25	25	23.04	22.92	22.92	2	23.5
		50	0	23.07	22.96	22.94	2	23.5
	64QAM	1	0	23.31	23.26	23.13	2	23.5
		1	24	23.40	23.22	23.31	2	23.5
		1	49	23.20	23.08	22.97	2	23.5
		25	0	22.25	22.03	22.05	3	22.5
		25	12	22.17	22.16	22.02	3	22.5
		25	25	22.13	22.02	22.03	3	22.5
		50	0	22.09	22.10	21.97	3	22.5
	256QAM	1	0	20.33	20.20	20.17	5	20.5
		1	24	20.19	20.07	20.02	5	20.5
		1	49	20.39	20.28	20.31	5	20.5
		25	0	20.14	20.17	20.12	5	20.5
		25	12	20.19	20.16	20.15	5	20.5
		25	25	20.13	19.89	20.01	5	20.5
		50	0	20.07	19.96	20.02	5	20.5
BW	Modulation	Channel		26715	26865	27015	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5		
5M	QPSK	1	0	25.02	25.09	25.14	0	25.5
		1	12	25.08	25.01	**25.19**	0	25.5
		1	24	24.99	25.02	24.97	0	25.5
		12	0	24.08	24.09	24.07	1	24.5
		12	6	24.14	24.16	24.08	1	24.5
		12	13	24.03	24.05	24.02	1	24.5
		25	0	24.08	24.07	24.07	1	24.5
	16QAM	1	0	24.33	24.33	24.26	1	24.5
		1	12	24.08	24.03	24.09	1	24.5
		1	24	23.99	23.93	23.99	1	24.5
		12	0	23.21	23.04	23.09	2	23.5
		12	6	23.03	23.03	23.03	2	23.5
		12	13	23.00	22.98	22.98	2	23.5
		25	0	23.18	23.01	23.01	2	23.5
	64QAM	1	0	23.31	23.24	23.11	2	23.5
		1	12	23.42	23.22	23.40	2	23.5
		1	24	23.20	23.21	23.09	2	23.5
		12	0	22.16	22.00	22.10	3	22.5
		12	6	22.17	22.12	22.00	3	22.5
		12	13	22.13	22.04	22.01	3	22.5
		25	0	22.12	22.05	22.04	3	22.5
	256QAM	1	0	20.39	20.22	20.27	5	20.5
		1	12	20.14	20.05	20.09	5	20.5
		1	24	20.35	20.32	20.28	5	20.5
		12	0	20.18	20.09	20.02	5	20.5
		12	6	20.08	20.09	20.12	5	20.5
		12	13	20.06	19.90	20.01	5	20.5
		25	0	20.04	19.96	19.93	5	20.5
BW	Modulation	Channel		26705	26865	27025	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5		
3M	QPSK	1	0	**25.15**	25.08	25.13	0	25.5
		1	7	**25.15**	25.07	25.06	0	25.5
		1	14	24.95	25.00	24.91	0	25.5
		8	0	24.11	24.14	24.01	1	24.5
		8	3	24.12	24.16	24.18	1	24.5
		8	7	23.99	24.14	24.04	1	24.5
		15	0	24.08	24.00	24.08	1	24.5
	16QAM	1	0	24.29	24.37	24.22	1	24.5
		1	7	24.13	23.98	23.99	1	24.5
		1	14	24.05	23.95	23.97	1	24.5
		8	0	23.13	23.02	23.11	2	23.5
		8	3	23.10	23.03	22.97	2	23.5
		8	7	23.00	22.95	22.85	2	23.5
		15	0	23.18	22.90	22.97	2	23.5
	64QAM	1	0	23.20	23.21	23.11	2	23.5
		1	7	23.45	23.22	23.30	2	23.5
		1	14	23.19	23.16	23.08	2	23.5
		8	0	22.26	22.11	22.10	3	22.5
		8	3	22.12	22.14	21.98	3	22.5
		8	7	22.04	22.01	22.03	3	22.5
		15	0	22.02	22.11	21.93	3	22.5
	256QAM	1	0	20.43	20.29	20.26	5	20.5
		1	7	20.25	20.08	20.08	5	20.5
		1	14	20.37	20.29	20.33	5	20.5
		8	0	20.09	20.14	19.99	5	20.5
		8	3	20.11	20.08	20.08	5	20.5
		8	7	20.02	19.92	19.97	5	20.5
		15	0	20.05	20.04	19.97	5	20.5
BW	Modulation	Channel		26697	26865	27033	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3		
1.4M	QPSK	1	0	25.12	25.11	25.14	0	25.5
		1	2	**25.18**	25.00	25.08	0	25.5
		1	5	24.97	24.95	24.99	0	25.5
		3	0	24.93	24.87	24.88	0	25.5
		3	1	24.92	24.96	24.87	0	25.5
		3	3	24.74	24.89	24.88	0	25.5
		6	0	24.12	24.00	24.05	1	24.5
	16QAM	1	0	24.38	24.38	24.34	1	24.5
		1	2	24.05	24.04	24.10	1	24.5
		1	5	24.13	24.02	24.05	1	24.5
		3	0	23.94	23.78	23.93	1	24.5
		3	1	23.84	23.68	23.83	1	24.5
		3	3	23.76	23.78	23.73	1	24.5
		6	0	23.07	22.90	22.92	2	23.5
	64QAM	1	0	23.27	23.25	23.15	2	23.5
		1	2	23.35	23.24	23.33	2	23.5
		1	5	23.22	23.14	23.08	2	23.5
		3	0	22.90	22.82	22.84	2	23.5
		3	1	22.89	22.92	22.70	2	23.5
		3	3	22.94	22.89	22.79	2	23.5
		6	0	22.07	22.02	21.98	3	22.5
	256QAM	1	0	20.39	20.19	20.28	5	20.5
		1	2	20.22	20.07	20.12	5	20.5
		1	5	20.29	20.34	20.23	5	20.5
		3	0	20.22	20.16	19.99	5	20.5
		3	1	20.17	20.11	20.10	5	20.5
		3	3	20.04	19.90	20.04	5	20.5
		6	0	20.03	19.95	19.96	5	20.5

LTE Band 26_Ant1								
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		26765	26865	26965		
		Frequency (MHz)		821.5	831.5	841.5		
15M	QPSK	1	0	25.14	25.17	25.13	0	26
		1	37	25.17	**25.26**	25.19	0	26
		1	74	25.02	25.03	25.04	0	26
		36	0	24.08	24.04	24.09	1	25
		36	19	24.11	24.15	24.12	1	25
		36	39	24.05	24.04	24.08	1	25
		75	0	24.08	24.09	24.06	1	25
	16QAM	1	0	24.16	24.18	24.12	1	25
		1	37	24.19	24.24	24.12	1	25
		1	74	24.06	24.05	24.03	1	25
		36	0	23.03	23.06	22.95	2	24
		36	19	23.13	23.08	23.10	2	24
		36	39	23.02	23.01	22.90	2	24
		75	0	23.12	23.08	22.99	2	24
	64QAM	1	0	23.12	23.11	23.06	2	24
		1	37	23.42	23.32	23.36	2	24
		1	74	23.06	23.01	23.02	2	24
		36	0	22.28	22.26	22.21	3	23
		36	19	22.32	22.26	22.26	3	23
		36	39	22.11	21.96	22.05	3	23
		75	0	22.08	22.02	22.04	3	23
	256QAM	1	0	20.32	20.39	20.29	5	21
		1	37	20.36	20.41	20.38	5	21
		1	74	20.17	20.15	20.16	5	21
		36	0	20.09	20.05	19.97	5	21
		36	19	20.13	20.15	20.12	5	21
		36	39	20.01	20.03	20.13	5	21
		75	0	20.02	20.04	20.10	5	21
BW	Modulation	Channel		26740	26865	26990	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844		
10M	QPSK	1	0	25.13	25.10	25.05	0	26
		1	24	25.10	25.11	**25.15**	0	26
		1	49	24.88	25.01	25.01	0	26
		25	0	23.94	23.98	23.98	1	25
		25	12	24.07	24.13	24.09	1	25
		25	25	24.03	23.89	23.94	1	25
		50	0	23.96	24.06	23.95	1	25
	16QAM	1	0	24.10	24.17	23.97	1	25
		1	24	24.05	24.11	24.06	1	25
		1	49	23.98	23.96	23.95	1	25
		25	0	22.96	23.03	22.89	2	24
		25	12	23.05	22.98	23.08	2	24
		25	25	22.89	22.96	22.89	2	24
		50	0	23.09	22.97	22.93	2	24
	64QAM	1	0	23.09	23.02	22.95	2	24
		1	24	23.30	23.31	23.22	2	24
		1	49	23.01	22.98	22.92	2	24
		25	0	22.25	22.21	22.07	3	23
		25	12	22.17	22.11	22.11	3	23
		25	25	22.01	21.90	21.99	3	23
		50	0	22.02	21.94	21.92	3	23
	256QAM	1	0	20.25	20.32	20.17	5	21
		1	24	20.23	20.26	20.26	5	21
		1	49	20.09	20.14	20.11	5	21
		25	0	19.96	19.93	19.84	5	21
		25	12	20.06	20.07	19.99	5	21
		25	25	19.94	19.93	20.02	5	21
		50	0	19.98	19.91	20.02	5	21
BW	Modulation	Channel		26715	26865	27015	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5		
5M	QPSK	1	0	24.95	24.96	24.92	0	26
		1	12	25.00	**25.15**	25.00	0	26
		1	24	24.79	24.87	24.92	0	26
		12	0	23.97	23.80	23.81	1	25
		12	6	23.96	23.94	23.91	1	25
		12	13	23.95	23.88	23.99	1	25
		25	0	23.91	23.92	23.78	1	25
	16QAM	1	0	23.93	24.00	23.95	1	25
		1	12	23.99	23.99	23.99	1	25
		1	24	23.90	23.98	23.88	1	25
		12	0	22.84	22.87	22.87	2	24
		12	6	22.90	22.92	22.95	2	24
		12	13	22.94	22.77	22.72	2	24
		25	0	22.97	22.87	22.84	2	24
	64QAM	1	0	23.00	22.95	23.02	2	24
		1	12	23.21	23.09	23.19	2	24
		1	24	23.02	22.85	22.86	2	24
		12	0	22.07	22.15	22.11	3	23
		12	6	22.27	22.08	22.05	3	23
		12	13	21.94	21.82	21.94	3	23
		25	0	21.89	21.88	21.97	3	23
	256QAM	1	0	20.17	20.24	20.11	5	21
		1	12	20.31	20.25	20.26	5	21
		1	24	20.01	19.88	19.97	5	21
		12	0	19.99	19.96	19.80	5	21
		12	6	19.86	20.08	20.05	5	21
		12	13	19.84	19.86	19.94	5	21
		25	0	19.74	19.88	20.07	5	21
BW	Modulation	Channel		26705	26865	27025	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5		
3M	QPSK	1	0	25.09	25.13	25.10	0	26
		1	7	25.02	**25.23**	25.05	0	26
		1	14	24.98	24.89	24.93	0	26
		8	0	24.07	23.97	23.98	1	25
		8	3	24.07	24.10	24.11	1	25
		8	7	24.03	23.95	24.07	1	25
		15	0	23.96	24.07	23.91	1	25
	16QAM	1	0	24.13	24.06	23.97	1	25
		1	7	24.08	24.19	24.11	1	25
		1	14	24.04	23.97	24.00	1	25
		8	0	22.88	22.94	22.91	2	24
		8	3	23.05	22.95	23.02	2	24
		8	7	22.96	22.90	22.86	2	24
		15	0	23.11	23.00	22.95	2	24
	64QAM	1	0	23.08	22.99	22.98	2	24
		1	7	23.33	23.31	23.29	2	24
		1	14	22.96	22.90	23.01	2	24
		8	0	22.22	22.20	22.12	3	23
		8	3	22.30	22.15	22.13	3	23
		8	7	22.08	21.89	21.97	3	23
		15	0	22.04	21.88	21.96	3	23
	256QAM	1	0	20.28	20.31	20.27	5	21
		1	7	20.34	20.28	20.28	5	21
		1	14	20.13	20.00	20.15	5	21
		8	0	19.95	19.91	19.85	5	21
		8	3	20.10	20.08	20.11	5	21
		8	7	19.91	20.00	20.12	5	21
		15	0	19.96	19.98	20.01	5	21
BW	Modulation	Channel		26697	26865	27033	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3		
1.4M	QPSK	1	0	25.05	25.09	25.12	0	26
		1	2	**25.15**	25.14	25.11	0	26
		1	5	24.97	24.94	24.95	0	26
		3	0	24.90	24.92	24.86	0	26
		3	1	24.95	25.00	24.98	0	26
		3	3	24.86	24.87	24.84	0	26
		6	0	24.00	23.97	24.01	1	25
	16QAM	1	0	24.15	24.08	24.10	1	25
		1	2	24.16	24.21	24.02	1	25
		1	5	23.91	23.90	24.02	1	25
		3	0	23.86	23.88	23.77	1	25
		3	1	23.93	23.88	23.92	1	25
		3	3	23.80	23.88	23.67	1	25
		6	0	22.97	22.96	22.85	2	24
	64QAM	1	0	22.98	22.99	23.03	2	24
		1	2	23.38	23.28	23.23	2	24
		1	5	22.94	22.90	22.92	2	24
		3	0	23.05	23.06	23.06	2	24
		3	1	23.15	23.05	23.08	2	24
		3	3	22.86	22.74	22.86	2	24
		6	0	22.06	21.98	21.93	3	23
	256QAM	1	0	20.24	20.28	20.21	5	21
		1	2	20.33	20.30	20.35	5	21
		1	5	20.14	20.02	20.10	5	21
		3	0	20.07	20.04	19.96	5	21
		3	1	20.08	20.02	20.00	5	21
		3	3	19.94	19.96	20.11	5	21
		6	0	20.01	19.93	20.05	5	21

LTE Default

LTE Band 38_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37650	38000	38150		
		Frequency (MHz)		2569	2600	2615		
20M	QPSK	1	0	23.75	**23.78**	23.73	0	24.5
		1	50	23.67	23.62	23.61	0	24.5
		1	99	23.46	23.50	23.36	0	24.5
		50	0	22.81	22.84	22.76	1	23.5
		50	25	22.66	22.78	22.70	1	23.5
		50	50	22.67	22.79	22.74	1	23.5
		100	0	22.71	22.77	22.65	1	23.5
	16QAM	1	0	22.61	22.51	22.53	1	23.5
		1	50	22.68	22.60	22.55	1	23.5
		1	99	22.65	22.48	22.47	1	23.5
		50	0	21.81	21.72	21.75	2	22.5
		50	25	21.77	21.72	21.63	2	22.5
		50	50	21.74	21.68	21.63	2	22.5
		100	0	21.77	21.65	21.69	2	22.5
	64QAM	1	0	21.97	21.82	21.96	2	22.5
		1	50	21.84	21.76	21.77	2	22.5
		1	99	21.67	21.53	21.57	2	22.5
		50	0	20.87	20.76	20.85	3	21.5
		50	25	20.84	20.75	20.78	3	21.5
		50	50	20.75	20.72	20.62	3	21.5
		100	0	20.77	20.75	20.66	3	21.5
	256QAM	1	0	18.89	18.73	18.72	5	19.5
		1	50	18.86	18.77	18.72	5	19.5
		1	99	18.58	18.52	18.43	5	19.5
		50	0	18.89	18.74	18.81	5	19.5
		50	25	18.79	18.72	18.68	5	19.5
		50	50	18.78	18.75	18.64	5	19.5
		100	0	18.75	18.64	18.73	5	19.5

BW	Modulation	Channel		37550	38000	38450	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2977.5	2995	3012.5		
15M	QPSK	1	0	**23.73**	23.65	23.60	0	24.5
		1	37	23.59	23.49	23.57	0	24.5
		1	74	23.35	23.39	23.31	0	24.5
		36	0	22.69	22.76	22.69	1	23.5
		36	19	22.56	22.72	22.55	1	23.5
		36	39	22.52	22.66	22.61	1	23.5
		75	0	22.74	22.57	22.53	1	23.5
		1	0	22.49	22.36	22.40	1	23.5
	16QAM	1	37	22.61	22.53	22.45	1	23.5
		1	74	22.46	22.37	22.36	1	23.5
		36	0	21.79	21.71	21.73	2	22.5
		36	19	21.76	21.70	21.55	2	22.5
		36	39	21.63	21.55	21.57	2	22.5
		75	0	21.71	21.50	21.55	2	22.5
	64QAM	1	0	21.50	21.74	21.66	2	22.5
		1	37	21.75	21.66	21.65	2	22.5
		1	74	21.52	21.47	21.48	2	22.5
		36	0	20.82	20.64	20.71	3	21.5
		36	19	20.78	20.71	20.71	3	21.5
		36	39	20.60	20.62	20.53	3	21.5
		75	0	20.75	20.67	20.51	3	21.5
	256QAM	1	0	18.69	18.62	18.71	5	19.5
		1	37	18.80	18.71	18.64	5	19.5
		1	74	18.46	18.48	18.29	5	19.5
		36	0	18.85	18.62	18.74	5	19.5
		36	19	18.75	18.64	18.57	5	19.5
		36	39	18.70	18.65	18.50	5	19.5
		75	0	18.69	18.53	18.65	5	19.5

BW	Modulation	Channel		37500	38000	38250	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2975	2595	3615		
10M	QPSK	1	0	23.63	**23.66**	23.61	0	24.5
		1	24	23.57	23.55	23.55	0	24.5
		1	49	23.41	23.38	23.27	0	24.5
		25	0	22.73	22.75	22.69	1	23.5
		25	12	22.51	22.77	22.60	1	23.5
		25	25	22.61	22.76	22.70	1	23.5
		50	0	22.68	22.58	22.57	1	23.5
	16QAM	1	0	22.50	22.42	22.45	1	23.5
		1	24	22.65	22.58	22.43	1	23.5
		1	49	22.47	22.47	22.43	1	23.5
		25	0	21.71	21.68	21.64	2	22.5
		25	12	21.74	21.67	21.51	2	22.5
		25	25	21.73	21.56	21.51	2	22.5
		50	0	21.73	21.54	21.64	2	22.5
	64QAM	1	0	21.53	21.50	21.62	2	22.5
		1	24	21.70	21.70	21.71	2	22.5
		1	49	21.64	21.44	21.56	2	22.5
		25	0	20.79	20.61	20.73	3	21.5
		25	12	20.83	20.65	20.73	3	21.5
		25	25	20.68	20.71	20.58	3	21.5
		50	0	20.73	20.69	20.59	3	21.5
	256QAM	1	0	18.77	18.61	18.63	5	19.5
		1	24	18.78	18.63	18.60	5	19.5
		1	49	18.52	18.50	18.42	5	19.5
		25	0	18.86	18.60	18.74	5	19.5
		25	12	18.73	18.68	18.61	5	19.5
		25	25	18.74	18.64	18.56	5	19.5
		50	0	18.64	18.62	18.58	5	19.5

BW	Modulation	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2972.5	2595	2617.5		
5M	QPSK	1	0	**23.71**	23.65	23.59	0	24.5
		1	12	23.52	23.51	23.50	0	24.5
		1	24	23.34	23.35	23.25	0	24.5
		12	0	22.80	22.72	22.64	1	23.5
		12	6	22.60	22.69	22.55	1	23.5
		12	13	22.56	22.69	22.69	1	23.5
		25	0	22.71	22.61	22.53	1	23.5
	16QAM	1	0	22.49	22.39	22.42	1	23.5
		1	12	22.59	22.59	22.40	1	23.5
		1	24	22.51	22.37	22.43	1	23.5
		12	0	21.67	21.70	21.73	2	22.5
		12	6	21.64	21.64	21.57	2	22.5
		12	13	21.59	21.60	21.51	2	22.5
		25	0	21.67	21.58	21.64	2	22.5
	64QAM	1	0	21.89	21.71	21.86	2	22.5
		1	12	21.74	21.70	21.69	2	22.5
		1	24	21.57	21.49	21.52	2	22.5
		12	0	20.81	20.70	20.71	3	21.5
		12	6	20.73	20.72	20.75	3	21.5
		12	13	20.64	20.63	20.50	3	21.5
		25	0	20.67	20.68	20.60	3	21.5
	256QAM	1	0	18.74	18.64	18.63	5	19.5
		1	12	18.75	18.70	18.66	5	19.5
		1	24	18.52	18.43	18.31	5	19.5
		12	0	18.84	18.61	18.79	5	19.5
		12	6	18.74	18.65	18.65	5	19.5
		12	13	18.72	18.71	18.61	5	19.5
		25	0	18.63	18.60	18.65	5	19.5

LTE Band 38_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37650	38000	38150		
		Frequency (MHz)		2569	2600	2615		
20M	QPSK	1	0	24.41	24.55	24.61	0	25.5
		1	50	24.54	**24.65**	24.65	0	25.5
		1	99	24.51	24.56	24.59	0	25.5
		50	0	23.52	23.64	23.56	1	24.5
		50	25	23.56	23.67	23.57	1	24.5
		50	50	23.51	23.59	23.46	1	24.5
		100	0	23.59	23.60	23.56	1	24.5
	16QAM	1	0	23.60	23.65	23.69	1	24.5
		1	50	23.66	23.68	23.71	1	24.5
		1	99	23.36	23.44	23.48	1	24.5
		50	0	22.67	22.67	22.66	2	23.5
		50	25	22.49	22.61	22.63	2	23.5
		50	50	22.49	22.54	22.61	2	23.5
		100	0	22.45	22.44	22.59	2	23.5
	64QAM	1	0	22.72	22.72	22.76	2	23.5
		1	50	22.58	22.68	22.80	2	23.5
		1	99	22.58	22.55	22.62	2	23.5
		50	0	21.61	21.57	21.66	3	22.5
		50	25	21.66	21.56	21.68	3	22.5
		50	50	21.49	21.55	21.63	3	22.5
		100	0	21.55	21.43	21.62	3	22.5
	256QAM	1	0	19.56	19.53	19.59	5	20.5
		1	50	19.57	19.60	19.68	5	20.5
		1	99	19.52	19.36	19.46	5	20.5
		50	0	19.53	19.61	19.66	5	20.5
		50	25	19.57	19.55	19.67	5	20.5
		50	50	19.54	19.60	19.64	5	20.5
		100	0	19.52	19.58	19.61	5	20.5

BW	Modulation	Channel		37550	38000	38450	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2977.5	2995	3012.5		
15M	QPSK	1	0	24.26	24.40	24.59	0	25.5
		1	37	24.44	24.47	**24.63**	0	25.5
		1	74	24.47	24.58	24.65	0	25.5
		36	0	23.39	23.50	23.48	1	24.5
		36	19	23.53	23.57	23.54	1	24.5
		36	39	23.37	23.46	23.45	1	24.5
		75	0	23.47	23.51	23.46	1	24.5
	16QAM	1	0	23.53	23.56	23.64	1	24.5
		1	37	23.54	23.65	23.60	1	24.5
		1	74	23.42	23.52	23.52	1	24.5
		36	0	22.56	22.53	22.58	2	23.5
		36	19	22.48	22.56	22.53	2	23.5
		36	39	22.34	22.53	22.48	2	23.5
		75	0	22.42	22.30	22.55	2	23.5
	64QAM	1	0	22.62	22.66	22.73	2	23.5
		1	37	22.71	22.63	22.74	2	23.5
		1	74	22.45	22.47	22.55	2	23.5
		36	0	21.50	21.42	21.60	3	22.5
		36	19	21.65	21.52	21.56	3	22.5
		36	39	21.37	21.41	21.49	3	22.5
		75	0	21.41	21.31	21.45	3	22.5
	256QAM	1	0	19.45	19.50	19.52	5	20.5
		1	37	19.49	19.51	19.60	5	20.5
		1	74	19.38	19.30	19.37	5	20.5
		36	0	19.52	19.47	19.53	5	20.5
		36	19	19.49	19.48	19.58	5	20.5
		36	39	19.40	19.48	19.55	5	20.5
		75	0	19.49	19.44	19.47	5	20.5

BW	Modulation	Channel		37500	38000	38250	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2975	2595	3615		
10M	QPSK	1	0	24.34	24.53	24.63	0	25.5
		1	24	24.48	24.44	**24.62**	0	25.5
		1	49	24.45	24.51	24.55	0	25.5
		25	0	23.38	23.54	23.42	1	24.5
		25	12	23.42	23.55	23.47	1	24.5
		25	25	23.45	23.45	23.39	1	24.5
		50	0	23.57	23.52	23.51	1	24.5
	16QAM	1	0	23.45	23.52	23.63	1	24.5
		1	24	23.62	23.56	23.64	1	24.5
		1	49	23.33	23.42	23.44	1	24.5
		25	0	22.60	22.54	22.65	2	23.5
		25	12	22.44	22.53	22.49	2	23.5
		25	25	22.42	22.49	22.60	2	23.5
		50	0	22.44	22.37	22.56	2	23.5
	64QAM	1	0	22.46	22.57	22.56	2	23.5
		1	24	22.61	22.59	22.74	2	23.5
		1	49	22.56	22.52	22.52	2	23.5
		25	0	21.50	21.50	21.54	3	22.5
		25	12	21.57	21.54	21.58	3	22.5
		25	25	21.48	21.42	21.59	3	22.5
		50	0	21.46	21.28	21.47	3	22.5
	256QAM	1	0	19.47	19.43	19.51	5	20.5
		1	24	19.49	19.46	19.53	5	20.5
		1	49	19.29	19.25	19.43	5	20.5
		25	0	19.49	19.49	19.56	5	20.5
		25	12	19.46	19.44	19.64	5	20.5
		25	25	19.46	19.46	19.60	5	20.5
		50	0	19.47	19.46	19.56	5	20.5

BW	Modulation	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2972.5	2595	2617.5		
5M	QPSK	1	0	24.33	24.51	24.61	0	25.5
		1	12	24.48	**24.64**	24.50	0	25.5
		1	24	24.47	24.52	24.52	0	25.5
		12	0	23.36	23.51	23.51	1	24.5
		12	6	23.50	23.59	23.55	1	24.5
		12	13	23.46	23.56	23.61	1	24.5
		25	0	23.46	23.53	23.46	1	24.5
	16QAM	1	0	23.39	23.56	23.62	1	24.5
		1	12	23.56	23.60	23.57	1	24.5
		1	24	23.30	23.42	23.45	1	24.5
		12	0	22.42	22.55	22.58	2	23.5
		12	6	22.36	22.57	22.49	2	23.5
		12	13	22.40	22.49	22.58	2	23.5
		25	0	22.42	22.56	22.64	2	23.5
	64QAM	1	0	22.60	22.67	22.77	2	23.5
		1	12	22.61	22.60	22.71	2	23.5
		1	24	22.50	22.52	22.64	2	23.5
		12	0	21.52	21.43	21.65	3	22.5
		12	6	21.52	21.51	21.67	3	22.5
		12	13	21.48	21.49	21.51	3	22.5
		25	0	21.50	21.28	21.48	3	22.5
	256QAM	1	0	19.52	19.46	19.46	5	20.5
		1	12	19.48	19.45	19.54	5	20.5
		1	24	19.39	19.32	19.49	5	20.5
		12	0	19.44	19.49	19.63	5	20.5
		12	6	19.48	19.46	19.57	5	20.5
		12	13	19.46	19.50	19.49	5	20.5
		25	0	19.46	19.49	19.50	5	20.5

LTE Band 38_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37650	38000	38150		
		Frequency (MHz)		2569	2600	2615		
20M	QPSK	1	0	24.79	**24.82**	24.74	0	25.5
		1	50	24.77	24.75	24.71	0	25.5
		1	99	24.57	24.57	24.50	0	25.5
		50	0	23.82	23.89	23.76	1	24.5
		50	25	23.73	23.88	23.74	1	24.5
		50	50	23.80	23.84	23.85	1	24.5
		100	0	23.77	23.79	23.76	1	24.5
	16QAM	1	0	23.82	23.85	23.90	1	24.5
		1	50	23.75	23.85	23.71	1	24.5
		1	99	23.61	23.71	23.58	1	24.5
		50	0	22.76	22.87	22.81	2	23.5
		50	25	22.82	22.84	22.69	2	23.5
		50	50	22.75	22.86	22.73	2	23.5
		100	0	22.75	22.81	22.74	2	23.5
	64QAM	1	0	22.97	22.98	22.87	2	23.5
		1	50	22.82	22.92	22.78	2	23.5
		1	99	22.70	22.79	22.77	2	23.5
		50	0	21.76	21.87	21.80	3	22.5
		50	25	21.82	21.83	21.72	3	22.5
		50	50	21.72	21.85	21.76	3	22.5
		100	0	21.73	21.79	21.66	3	22.5
	256QAM	1	0	19.67	19.62	19.71	5	20.5
		1	50	19.60	19.63	19.72	5	20.5
		1	99	19.53	19.64	19.58	5	20.5
		50	0	19.60	19.68	19.74	5	20.5
		50	25	19.62	19.63	19.73	5	20.5
		50	50	19.65	19.79	19.72	5	20.5
		100	0	19.73	19.81	19.80	5	20.5

BW	Modulation	Channel		37550	38000	38450	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2977.5	3588	3612.5		
15M	QPSK	1	0	24.67	**24.70**	24.59	0	25.5
		1	37	24.68	24.66	24.65	0	25.5
		1	74	24.52	24.59	24.49	0	25.5
		36	0	23.77	23.87	23.75	1	24.5
		36	19	23.64	23.74	23.64	1	24.5
		36	39	23.70	23.74	23.59	1	24.5
		75	0	23.71	23.65	23.69	1	24.5
	16QAM	1	0	23.67	23.80	23.70	1	24.5
		1	37	23.64	23.76	23.63	1	24.5
		1	74	23.53	23.61	23.53	1	24.5
		36	0	22.67	22.75	22.74	2	23.5
		36	19	22.71	22.81	22.54	2	23.5
		36	39	22.58	22.72	22.64	2	23.5
		75	0	22.60	22.65	22.69	2	23.5
	64QAM	1	0	22.91	22.85	22.77	2	23.5
		1	37	22.76	22.89	22.80	2	23.5
		1	74	22.58	22.72	22.69	2	23.5
		36	0	21.69	21.78	21.67	3	22.5
		36	19	21.81	21.71	21.71	3	22.5
		36	39	21.69	21.70	21.70	3	22.5
		75	0	21.67	21.73	21.65	3	22.5
	256QAM	1	0	19.52	19.73	19.59	5	20.5
		1	37	19.73	19.70	19.71	5	20.5
		1	74	19.44	19.57	19.47	5	20.5
		36	0	19.79	19.82	19.70	5	20.5
		36	19	19.74	19.79	19.69	5	20.5
		36	39	19.56	19.68	19.69	5	20.5
		75	0	19.66	19.68	19.76	5	20.5

BW	Modulation	Channel		37500	38000	38250	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2975	3590	3610		
10M	QPSK	1	0	**24.75**	24.88	24.88	0	25.5
		1	24	24.65	24.85	24.83	0	25.5
		1	49	24.47	24.65	24.49	0	25.5
		25	0	23.70	23.82	23.76	1	24.5
		25	12	23.60	23.85	23.63	1	24.5
		25	25	23.70	23.78	23.55	1	24.5
		50	0	23.66	23.74	23.66	1	24.5
	16QAM	1	0	23.69	23.85	23.73	1	24.5
		1	24	23.62	23.75	23.60	1	24.5
		1	49	23.47	23.70	23.46	1	24.5
		25	0	22.69	22.78	22.77	2	23.5
		25	12	22.71	22.79	22.65	2	23.5
		25	25	22.66	22.86	22.61	2	23.5
		50	0	22.63	22.80	22.62	2	23.5
	64QAM	1	0	22.85	22.88	22.80	2	23.5
		1	24	22.66	22.79	22.74	2	23.5
		1	49	22.59	22.71	22.71	2	23.5
		25	0	21.74	21.78	21.67	3	22.5
		25	12	21.81	21.68	21.67	3	22.5
		25	25	21.61	21.76	21.64	3	22.5
		50	0	21.64	21.69	21.56	3	22.5
	256QAM	1	0	19.60	19.69	19.57	5	20.5
		1	24	19.69	19.71	19.57	5	20.5
		1	49	19.41	19.50	19.54	5	20.5
		25	0	19.77	19.84	19.64	5	20.5
		25	12	19.68	19.78	19.71	5	20.5
		25	25	19.51	19.73	19.65	5	20.5
		50	0	19.59	19.80	19.74	5	20.5

BW	Modulation	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2972.5	3590	3617.5		
5M	QPSK	1	0	24.69	24.85	24.84	0	25.5
		1	12	**24.75**	24.66	24.64	0	25.5
		1	24	24.42	24.61	24.44	0	25.5
		12	0	23.78	23.86	23.76	1	24.5
		12	6	23.60	23.82	23.72	1	24.5
		12	13	23.74	23.72	23.66	1	24.5
		25	0	23.69	23.68	23.63	1	24.5
	16QAM	1	0	23.71	23.83	23.67	1	24.5
		1	12	23.66	23.74	23.59	1	24.5
		1	24	23.49	23.55	23.50	1	24.5
		12	0	22.71	22.75	22.74	2	23.5
		12	6	22.76	22.77	22.62	2	23.5
		12	13	22.72	22.77	22.70	2	23.5
		25	0	22.64	22.75	22.84	2	23.5
	64QAM	1	0	22.80	22.91	22.78	2	23.5
		1	12	22.67	22.81	22.76	2	23.5
		1	24	22.60	22.73	22.76	2	23.5
		12	0	21.67	21.74	21.74	3	22.5
		12	6	21.81	21.76	21.62	3	22.5
		12	13	21.59	21.71	21.67	3	22.5
		25	0	21.58	21.70	21.61	3	22.5
	256QAM	1	0	19.59	19.80	19.63	5	20.5
		1	12	19.79	19.74	19.71	5	20.5
		1	24	19.41	19.55	19.50	5	20.5
		12	0	19.79	19.77	19.69	5	20.5
		12	6	19.68	19.72	19.61	5	20.5
		12	13	19.53	19.62	19.69	5	20.5
		25	0	19.65	19.72	19.69	5	20.5

LTE Band 38_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37650	38000	38150		
		Frequency (MHz)		2569	2600	2615		
20M	QPSK	1	0	23.73	23.88	23.92	0	25.5
		1	50	23.91	23.93	**23.99**	0	25.5
		1	99	23.85	23.91	23.91	0	25.5
		50	0	22.87	22.86	23.03	1	24.5
		50	25	22.91	22.94	22.96	1	24.5
		50	50	22.90	22.89	22.96	1	24.5
		100	0	22.78	22.83	22.88	1	24.5
	16QAM	1	0	22.91	22.79	22.99	1	24.5
		1	50	22.75	22.91	23.03	1	24.5
		1	99	22.77	22.72	22.78	1	24.5
		50	0	21.92	22.01	21.97	2	23.5
		50	25	22.01	21.91	21.98	2	23.5
		50	50	21.91	21.89	22.00	2	23.5
		100	0	21.79	21.76	21.87	2	23.5
	64QAM	1	0	22.11	21.91	22.05	2	23.5
		1	50	21.91	21.98	22.09	2	23.5
		1	99	21.

LTE Default

LTE Band 41_Ant0										
BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20M	QPSK	1	0	**23.86**	23.73	23.81	23.52	23.38	0	24.5
		1	50	23.71	23.68	23.76	23.49	23.35	0	24.5
		1	99	23.63	23.60	23.62	23.28	23.26	0	24.5
		50	0	22.88	22.82	22.85	22.46	22.48	1	23.5
		50	25	22.84	22.78	22.82	22.45	22.39	1	23.5
		50	50	22.83	22.70	22.80	22.41	22.42	1	23.5
		100	0	22.84	22.81	22.83	22.44	22.45	1	23.5
	16QAM	1	0	22.89	22.67	22.73	22.24	22.33	1	23.5
		1	50	22.78	22.84	22.86	22.34	22.45	1	23.5
		1	99	22.65	22.45	22.59	22.23	22.32	1	23.5
		50	0	21.92	21.79	21.87	21.26	21.38	2	22.5
		50	25	21.86	21.87	21.89	21.42	21.47	2	22.5
		50	50	21.77	21.72	21.80	21.39	21.48	2	22.5
		100	0	21.85	21.76	21.86	21.32	21.35	2	22.5
	64QAM	1	0	21.91	21.82	21.88	21.22	21.33	2	22.5
		1	50	21.88	21.79	21.89	21.32	21.46	2	22.5
		1	99	21.74	21.69	21.76	21.27	21.32	2	22.5
		50	0	20.90	20.90	20.91	20.32	20.41	3	21.5
		50	25	20.88	20.81	20.87	20.38	20.44	3	21.5
		50	50	20.78	20.64	20.75	20.29	20.32	3	21.5
		100	0	20.86	20.70	20.79	20.2	20.31	3	21.5
	256QAM	1	0	18.85	18.76	18.83	18.3	18.41	5	19.5
		1	50	18.84	18.73	18.80	18.43	18.57	5	19.5
		1	99	18.61	18.53	18.55	18.31	18.32	5	19.5
		50	0	18.90	18.66	18.71	18.34	18.44	5	19.5
		50	25	18.86	18.66	18.75	18.27	18.41	5	19.5
		50	50	18.79	18.61	18.70	18.34	18.39	5	19.5
		100	0	18.84	18.60	18.73	18.41	18.43	5	19.5
BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	**23.81**	23.59	23.73	23.43	23.23	0	24.5
		1	37	23.67	23.58	23.73	23.42	23.25	0	24.5
		1	74	23.50	23.52	23.60	23.24	23.23	0	24.5
		36	0	22.85	22.78	22.79	22.34	22.44	1	23.5
		36	19	22.77	22.65	22.77	22.36	22.27	1	23.5
		36	39	22.79	22.58	22.75	22.26	22.31	1	23.5
		75	0	22.72	22.66	22.72	22.36	22.4	1	23.5
	16QAM	1	0	22.86	22.58	22.59	22.1	22.21	1	23.5
		1	37	22.75	22.76	22.71	22.23	22.32	1	23.5
		1	74	22.62	22.38	22.55	22.12	22.29	1	23.5
		36	0	21.77	21.70	21.73	21.22	21.33	2	22.5
		36	19	21.75	21.77	21.82	21.39	21.42	2	22.5
		36	39	21.71	21.64	21.70	21.35	21.36	2	22.5
		75	0	21.78	21.65	21.78	21.17	21.31	2	22.5
	64QAM	1	0	21.79	21.76	21.78	21.12	21.32	2	22.5
		1	37	21.75	21.72	21.87	21.2	21.4	2	22.5
		1	74	21.70	21.68	21.73	21.24	21.25	2	22.5
		36	0	20.77	20.75	20.90	20.24	20.34	3	21.5
		36	19	20.75	20.80	20.75	20.32	20.37	3	21.5
		36	39	20.72	20.57	20.69	20.25	20.24	3	21.5
		75	0	20.85	20.69	20.68	20.1	20.25	3	21.5
	256QAM	1	0	18.81	18.74	18.68	18.25	18.29	5	19.5
		1	37	18.81	18.66	18.67	18.34	18.42	5	19.5
		1	74	18.53	18.52	18.40	18.2	18.31	5	19.5
		36	0	18.75	18.53	18.64	18.2	18.29	5	19.5
		36	19	18.77	18.55	18.61	18.25	18.3	5	19.5
		36	39	18.68	18.56	18.67	18.31	18.25	5	19.5
		75	0	18.80	18.45	18.68	18.26	18.29	5	19.5
BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	**23.75**	23.67	23.68	23.41	23.37	0	24.5
		1	24	23.56	23.54	23.70	23.43	23.33	0	24.5
		1	49	23.53	23.57	23.59	23.21	23.15	0	24.5
		25	0	22.81	22.76	22.73	22.33	22.44	1	23.5
		25	12	22.70	22.64	22.73	22.35	22.34	1	23.5
		25	25	22.79	22.61	22.76	22.33	22.33	1	23.5
		50	0	22.82	22.71	22.79	22.42	22.35	1	23.5
	16QAM	1	0	22.87	22.57	22.66	22.2	22.32	1	23.5
		1	24	22.72	22.82	22.75	22.28	22.43	1	23.5
		1	49	22.62	22.37	22.48	22.19	22.17	1	23.5
		25	0	21.85	21.72	21.82	21.17	21.35	2	22.5
		25	12	21.85	21.76	21.88	21.37	21.39	2	22.5
		25	25	21.73	21.69	21.77	21.37	21.39	2	22.5
		50	0	21.82	21.71	21.81	21.24	21.26	2	22.5
	64QAM	1	0	21.86	21.81	21.83	21.12	21.32	2	22.5
		1	24	21.73	21.71	21.79	21.28	21.42	2	22.5
		1	49	21.67	21.58	21.75	21.2	21.27	2	22.5
		25	0	20.82	20.79	20.90	20.21	20.38	3	21.5
		25	12	20.86	20.72	20.76	20.37	20.31	3	21.5
		25	25	20.64	20.49	20.60	20.23	20.25	3	21.5
		50	0	20.83	20.69	20.73	20.11	20.17	3	21.5
	256QAM	1	0	18.78	18.66	18.68	18.17	18.29	5	19.5
		1	24	18.77	18.66	18.71	18.4	18.54	5	19.5
		1	49	18.57	18.44	18.53	18.21	18.29	5	19.5
		25	0	18.82	18.54	18.62	18.33	18.38	5	19.5
		25	12	18.81	18.65	18.60	18.19	18.29	5	19.5
		25	25	18.76	18.57	18.68	18.28	18.38	5	19.5
		50	0	18.76	18.58	18.68	18.37	18.34	5	19.5
BW	Modulation	Channel		39675	40148	40620	41093	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	23.71	23.65	**23.74**	23.37	23.35	0	24.5
		1	12	23.62	23.66	23.71	23.4	23.28	0	24.5
		1	24	23.62	23.54	23.54	23.2	23.24	0	24.5
		12	0	22.80	22.68	22.75	22.42	22.34	1	23.5
		12	6	22.69	22.64	22.74	22.43	22.38	1	23.5
		12	13	22.78	22.63	22.77	22.33	22.33	1	23.5
		25	0	22.78	22.73	22.75	22.36	22.36	1	23.5
	16QAM	1	0	22.85	22.65	22.58	22.11	22.29	1	23.5
		1	12	22.64	22.69	22.84	22.27	22.35	1	23.5
		1	24	22.62	22.31	22.56	22.09	22.17	1	23.5
		12	0	21.84	21.73	21.77	21.17	21.3	2	22.5
		12	6	21.78	21.73	21.78	21.33	21.4	2	22.5
		12	13	21.62	21.66	21.71	21.38	21.38	2	22.5
		25	0	21.82	21.75	21.79	21.25	21.31	2	22.5
	64QAM	1	0	21.87	21.69	21.75	21.13	21.27	2	22.5
		1	12	21.87	21.68	21.80	21.22	21.43	2	22.5
		1	24	21.70	21.65	21.66	21.19	21.23	2	22.5
		12	0	20.88	20.75	20.78	20.3	20.3	3	21.5
		12	6	20.84	20.72	20.78	20.32	20.37	3	21.5
		12	13	20.65	20.57	20.68	20.15	20.21	3	21.5
		25	0	20.83	20.59	20.66	20.15	20.24	3	21.5
	256QAM	1	0	18.76	18.61	18.79	18.23	18.29	5	19.5
		1	12	18.75	18.67	18.69	18.29	18.5	5	19.5
		1	24	18.48	18.47	18.40	18.18	18.26	5	19.5
		12	0	18.78	18.57	18.57	18.22	18.32	5	19.5
		12	6	18.74	18.63	18.71	18.19	18.39	5	19.5
		12	13	18.66	18.55	18.68	18.24	18.34	5	19.5
		25	0	18.82	18.55	18.69	18.39	18.38	5	19.5

LTE Band 41_Ant2										
BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20M	QPSK	1	0	**24.79**	24.62	24.59	24.56	24.53	0	25.5
		1	50	24.75	24.60	24.56	24.53	24.51	0	25.5
		1	99	24.66	24.48	24.45	24.43	24.35	0	25.5
		50	0	23.77	23.61	23.64	23.6	23.5	1	24.5
		50	25	23.78	23.63	23.71	23.62	23.59	1	24.5
		50	50	23.74	23.52	23.60	23.58	23.52	1	24.5
		100	0	23.72	23.54	23.64	23.59	23.47	1	24.5
	16QAM	1	0	23.77	23.61	23.70	23.46	23.49	1	24.5
		1	50	23.71	23.54	23.66	23.31	23.4	1	24.5
		1	99	23.67	23.53	23.60	23.24	23.33	1	24.5
		50	0	22.80	22.69	22.74	22.46	22.55	2	23.5
		50	25	22.78	22.60	22.71	22.35	22.49	2	23.5
		50	50	22.75	22.69	22.70	22.47	22.56	2	23.5
		100	0	22.76	22.68	22.72	22.46	22.59	2	23.5
	64QAM	1	0	22.78	22.66	22.70	22.48	22.49	2	23.5
		1	50	22.76	22.61	22.69	22.35	22.45	2	23.5
		1	99	22.71	22.56	22.62	22.36	22.44	2	23.5
		50	0	21.79	21.56	21.70	21.49	21.51	3	22.5
		50	25	21.82	21.73	21.74	21.46	21.55	3	22.5
		50	50	21.74	21.54	21.66	21.34	21.48	3	22.5
		100	0	21.80	21.62	21.73	21.46	21.52	3	22.5
	256QAM	1	0	19.70	19.52	19.62	19.3	19.44	5	20.5
		1	50	19.74	19.55	19.70	19.42	19.45	5	20.5
		1	99	19.56	19.41	19.50	19.27	19.33	5	20.5
		50	0	19.77	19.65	19.66	19.43	19.54	5	20.5
		50	25	19.78	19.63	19.72	19.42	19.49	5	20.5
		50	50	19.72	19.63	19.65	19.37	19.5	5	20.5
		100	0	19.73	19.59	19.66	19.46	19.55	5	20.5
BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	24.69	24.48	24.49	24.44	24.51	0	25.5
		1	37	**24.70**	24.49	24.47	24.39	24.37	0	25.5
		1	74	24.61	24.46	24.44	24.37	24.22	0	25.5
		36	0	23.72	23.52	23.49	23.5	23.44	1	24.5
		36	19	23.69	23.54	23.64	23.6	23.48	1	24.5
		36	39	23.65	23.37	23.48	23.52	23.42	1	24.5
		75	0	23.62	23.50	23.54	23.53	23.41	1	24.5
	16QAM	1	0	23.65	23.51	23.56	23.35	23.43	1	24.5
		1	37	23.61	23.49	23.61	23.24	23.35	1	24.5
		1	74	23.55	23.49	23.59	23.22	23.28	1	24.5
		36	0	22.71	22.65	22.62	22.39	22.51	2	23.5
		36	19	22.64	22.50	22.59	22.24	22.37	2	23.5
		36	39	22.74	22.61	22.56	22.34	22.45	2	23.5
		75	0	22.73	22.60	22.71	22.37	22.49	2	23.5
	64QAM	1	0	22.77	22.54	22.57	22.46	22.41	2	23.5
		1	37	22.69	22.51	22.60	22.21	22.41	2	23.5
		1	74	22.60	22.46	22.56	22.24	22.3	2	23.5
		36	0	21.69	21.41	21.56	21.39	21.48	3	22.5
		36	19	21.75	21.59	21.73	21.33	21.51	3	22.5
		36	39	21.65	21.46	21.56	21.19	21.46	3	22.5
		75	0	21.75	21.58	21.70	21.44	21.41	3	22.5
	256QAM	1	0	19.60	19.40	19.56	19.17	19.42	5	20.5
		1	37	19.69	19.51	19.66	19.34	19.42	5	20.5
		1	74	19.46	19.32	19.38	19.18	19.25	5	20.5
		36	0	19.73	19.55	19.60	19.35	19.53	5	20.5
		36	19	19.72	19.48	19.63	19.37	19.4	5	20.5
		36	39	19.64	19.57	19.58	19.32	19.48	5	20.5
		75	0	19.60	19.54	19.65	19.43	19.53	5	20.5
BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	**24.71**	24.61	24.54	24.48	24.43	0	25.5
		1	24	24.60	24.47	24.41	24.51	24.44	0	25.5
		1	49	24.53	24.39	24.37	24.34	24.28	0	25.5
		25	0	23.75	23.58	23.52	23.49	23.39	1	24.5
		25	12	23.77	23.48	23.63	23.51	23.48	1	24.5
		25	25	23.64	23.40	23.51	23.43	23.4	1	24.5
		50	0	23.71	23.49	23.56	23.49	23.4	1	24.5
	16QAM	1	0	23.74	23.55	23.58	23.36	23.34	1	24.5
		1	24	23.59	23.39	23.54	23.2	23.36	1	24.5
		1	49	23.57	23.48	23.59	23.18	23.31	1	24.5
		25	0	22.71	22.64	22.60	22.31	22.4	2	23.5
		25	12	22.64	22.50	22.68	22.34	22.36	2	23.5
		25	25	22.72	22.63	22.63	22.32	22.42	2	23.5
		50	0	22.68	22.62	22.69	22.42	22.45	2	23.5
	64QAM	1	0	22.75	22.53	22.60	22.46	22.38	2	23.5
		1	24	22.70	22.57	22.66	22.32	22.37	2	23.5
		1	49	22.67	22.46	22.55	22.35	22.41	2	23.5
		25	0	21.71	21.54	21.59	21.44	21.49	3	22.5
		25	12	21.76	21.68	21.70	21.44	21.52	3	22.5
		25	25	21.63	21.39	21.64	21.31	21.46	3	22.5
		50	0	21.76	21.59	21.71	21.44	21.43	3	22.5
	256QAM	1	0	19.66	19.41	19.56	19.19	19.41	5	20.5
		1	24	19.59	19.51	19.60	19.27	19.37	5	20.5
		1	49	19.50	19.38	19.46	19.21	19.18	5	20.5
		25	0	19.62	19.63	19.63	19.36	19.43	5	20.5
		25	12	19.76	19.50	19.64	19.32	19.34	5	20.5
		25	25	19.64	19.49	19.50	19.32	19.38	5	20.5
		50	0	19.60	19.45	19.62	19.42	19.44	5	20.5
BW	Modulation	Channel		39675	40148	40620	41093	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	24.67	24.57	24.44	24.46	24.39	0	25.5
		1	12	**24.69**	24.57	24.52	24.46	24.43	0	25.5
		1	24	24.56	24.44	24.31	24.31	24.33	0	25.5
		12	0	23.76	23.53	23.62	23.46	23.44	1	24.5
		12	6	23.68	23.58	23.67	23.49	23.52	1	24.5
		12	13	23.60	23.50	23.49	23.44	23.49	1	24.5
		25	0	23.59	23.41	23.55	23.5	23.45	1	24.5
	16QAM	1	0	23.72	23.49	23.65	23.32	23.39	1	24.5
		1	12	23.69	23.52	23.56	23.25	23.26	1	24.5
		1	24	23.61	23.40	23.51	23.11	23.25	1	24.5
		12	0	22.73	22.58	22.63	22.41	22.41	2	23.5
		12	6	22.66	22.53	22.63	22.28	22.44	2	23.5
		12	13	22.71	22.63	22.67	22.32	22.54	2	23.5
		25	0	22.62	22.60	22.67	22.39	22.47	2	23.5
	64QAM	1	0	22.74	22.57	22.69	22.39	22.37	2	23.5
		1	12	22.75	22.56	22.63	22.25	22.34	2	23.5
		1	24	22.64	22.42	22.47	22.21	22.35	2	23.5
		12	0	21.76	21.42	21.62	21.45	21.42	3	22.5
		12	6	21.72	21.59	21.72	21.42	21.49	3	22.5
		12	13	21.70	21.40	21.55	21.23	21.45	3	22.5
		25	0	21.78	21.47	21.72	21.4	21.43	3	22.5
	256QAM	1	0	19.64	19.49	19.55	19.26	19.35	5	20.5
		1	12	19.62	19.50	19.68	19.31	19.38	5	20.5
		1	24	19.43	19.35	19.45	19.26	19.25	5	20.5
		12	0	19.75	19.58	19.55	19.32	19.44	5	20.5
		12	6	19.71	19.57	19.59	19.34	19.42	5	20.5
		12	13	19.66	19.60	19.55	19.36	19.41	5	20.5
		25	0	19.67	19.45	19.64	19.31	19.43	5	20.5

LTE Band 41_Ant3										
BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20M	QPSK	1	0	24.49	**24.87**	24.39	24.34	24.01	0	25.5
		1	50	24.47	24.71	24.34	24.22	23.94	0	25.5
		1	99	24.45	24.67	24.23	24.15	23.75	0	25.5
		50	0	23.55	23.82	23.52	23.35	23.08	1	24.5
		50	25	23.49	23.79	23.43	23.26	23.05	1	24.5
		50	50	23.44	23.70	23.36	23.31	22.96	1	24.5
		100	0	23.36	23.75	23.50	23.38	23.04	1	24.5
	16QAM	1	0	23.40	23.82	23.52	23.48	22.97	1	24.5
		1	50	23.44	23.72	23.33	23.28	23.08	1	24.5
		1	99	23.27	23.49	23.25	23.14	23.11	1	24.5
		50	0	22.40	22.47	22.47	22.35	21.97	2	23.5
		50	25	22.54	22.67	22.44	22.44	22.15	2	23.5
		50	50	22.46	22.51	22.35	22.25	21.95	2	23.5
		100	0	22.44	22.64	22.38	22.25	22.02	2	23.5
	64QAM	1	0	22.47	22.57	22.46	22.43	22.10	2	23.5
		1	50	22.52	22.88	22.41	22.37	22.10	2	23.5
		1	99	22.21	22.52	22.15	22.15	21.82	2	23.5
		50	0	21.33	21.84	21.55	21.38	21.07	3	22.5
		50	25	21.32	21.72	21.43	21.41	21.07	3	22.5
		50	50	21.40	21.55	21.33	21.40	21.05	3	22.5
		100	0	21.40	21.56	21.45	21.43	21.07	3	22.5
	256QAM	1	0	19.22	19.63	19.28	19.30	18.94	5	20.5
		1	50	19.38	19.61	19.48	19.47	19.08	5	20.5
		1	99	19.22	19.58	19.23	19.07	18.87	5	20.5
		50	0	19.45	19.64	19.50	19.43	18.88	5	20.5
		50	25	19.47	19.62	19.41	19.46	19.02	5	20.5
		50	50	19.45	19.52	19.46	19.32	18.87	5	20.5
		100	0	18.92	19.56	19.53	19.45	18.99	5	20.5
BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	24.38	**24.82**	24.37	24.19	23.98	0	25.5
		1	37	24.34	24.64	24.21	24.08	23.93	0	25.5
		1	74	24.39	24.60	24.16	24.05	23.7	0	25.5
		36	0	23.40	23.70	23.44	23.33	22.93	1	24.5
		36	19	23.45	23.73	23.38	23.16	22.96	1	24.5
		36	39	23.35	23.62	23.31	23.19	22.94	1	24.5
		75	0	23.31	23.66	23.35	23.31	22.96	1	24.5
	16QAM	1	0	23.32	23.78	23.49	23.47	22.93	1	24.5
		1	37	23.36	23.58	23.25	23.24	22.99	1	24.5
		1	74	23.25	23.44	23.13	23.06	22.97	1	24.5
		36	0	22.38	22.36	22.45	22.23	21.9	2	23.5
		36	19	22.44	22.64	22.40	22.42	22.04	2	23.5
		36	39	22.37	22.49	22.31	22.14	21.93	2	23.5
		75	0	22.36	22.51	22.23	22.2	21.97	2	23.5
	64QAM	1	0	22.46	22.47	22.41	22.34	22.01	2	23.5
		1	37	22.50	22.81	22.38	22.31	22.08	2	23.5
		1	74	22.18	22.43	22.10	22.07	21.67	2	23.5
		36	0	21.32	21.69	21.44	21.25	21	3	22.5
		36	19	21.20	21.58	21.29	21.3	20.98	3	22.5
		36	39	21.30	21.51	21.28	21.25	20.99	3	22.5
		75	0	21.39	21.47	21.37	21.28	20.93	3	22.5
	256QAM	1	0	19.15	19.62	19.22	19.24	18.9	5	20.5
		1	37	19.26	19.57	19.40	19.43	18.97	5	20.5
		1	74	19.21	19.47	19.20	19.05	18.85	5	20.5
		36	0	19.36	19.59	19.39	19.33	18.83	5	20.5
		36	19	19.37	19.54	19.32	19.31	18.87	5	20.5
		36	39	19.44	19.48	19.33	19.27	18.8	5	20.5
		75	0	18.74	19.52	19.43	19.36	18.86	5	20.5
BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	24.41	**24.84**	24.30	24.31	23.89	0	25.5
		1	24	24.46	24.65	24.32	24.09	23.85	0	25.5
		1	49	24.41	24.54	24.15	24.14	23.61	0	25.5
		25	0	23.43	23.74	23.43	23.24	22.96	1	24.5
		25	12	23.46	23.77	23.41	23.12	22.95	1	24.5
		25	25	23.42	23.56	23.21	23.27	22.94	1	24.5
		50	0	23.26	23.67	23.43	23.36	22.97	1	24.5
	16QAM	1	0	23.34	23.79	23.44	23.35	22.91	1	24.5
		1	24	23.31	23.70	23.26	23.25	23.03	1	24.5
		1	49	23.13	23.44	23.13	23.04	23.09	1	24.5
		25	0	22.26	22.40	22.41	22.28	21.9	2	23.5
		25	12	22.44	22.60	22.30	22.31	22.08	2	23.5
		25	25	22.45	22.44	22.27	22.23	21.81	2	23.5
		50	0	22.29	22.63	22.35	22.19	21.95	2	23.5
	64QAM	1	0	22.38	22.53	22.45	22.29	22.03	2	23.5
		1	24	22.43	22.77	22.37	22.33	22.01	2	23.5
		1	49	22.07	22.48	22.02	22.01	21.81	2	23.5
		25	0	21.20	21.83	21.52	21.3	21.06	3	22.5
		25	12	21.20	21.67	21.28	21.34	21.04	3	22.5
		25	25	21.33	21.50	21.24	21.3	20.93	3	22.5
		50	0	21.30	21.49	21.33	21.38	20.96	3	22.5
	256QAM	1	0	19.20	19.55	19.15	19.21	18.83	5	20.5
		1	24	19.30	19.58	19.35	19.39	18.93	5	20.5
		1	49	19.15	19.47	19.11	19.01	18.72	5	20.5
		25	0	19.33	19.51	19.45	19.35	18.73	5	20.5
		25	12	19.45	19.53	19.29	19.42	18.95	5	20.5
		25	25	19.32	19.49	19.31	19.24	18.82	5	20.5
		50	0	18.69	19.42	19.41	19.31	18.96	5	20.5
BW	Modulation	Channel		39675	40148	40620	41093	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	24.34	**24.75**	24.28	24.31	23.96	0	25.5
		1	12	24.37	24.64	24.30	24.14	23.93	0	25.5
		1	24	24.41	24.60	24.08	24.08	23.71	0	25.5
		12	0	23.44	23.68	23.39	23.21	23.02	1	24.5
		12	6	23.46	23.75	23.32	23.19	23	1	24.5
		12	13	23.29	23.59	23.25	23.19	22.87	1	24.5
		25	0	23.25	23.60	23.42	23.25	22.9	1	24.5
	16QAM	1	0	23.27	23.77	23.45	23.41	22.82	1	24.5
		1	12	23.37	23.57	23.31	23.21	22.93	1	24.5
		1	24	23.15	23.35	23.19	22.99	23.03	1	24.5
		12	0	22.38	22.38	22.42	22.33	21.87	2	23.5
		12	6	22.42	22.62	22.35	22.34	22.06	2	23.5
		12	13	22.44	22.45	22.32	22.2	21.89	2	23.5
		25	0	22.31	22.63	22.24	22.13	21.87	2	23.5
	64QAM	1	0	22.45	22.45	22.39	22.39	22.06	2	23.5
		1	12	22.40	22.80	22.39	22.24	21.98	2	23.5
		1	24	22.15	22.47	22.09	22.14	21.69	2	23.5
		12	0	21.20	21.74	21.52	21.37	20.95	3	22.5
		12	6	21.24	21.59	21.40	21.4	21.01	3	22.5
		12	13	21.33	21.50	21.22	21.3	21.03	3	22.5
		25	0	21.37	21.45	21.41	21.28	21.02	3	22.5
	256QAM	1	0	19.20	19.55	19.20	19.29	18.89	5	20.5
		1	12	19.34	19.55	19.40	19.39	19.02	5	20.5
		1	24	19.15	19.47	19.21	18.92	18.85	5	20.5
		12	0	19.36	19.49	19.43	19.33	18.73	5	20.5
		12	6	19.34	19.57	19.35	19.44	19.01	5	20.5
		12	13	19.41	19.41	19.45	19.31	18.72	5	20.5
		25	0	18.87	19.43	19.44	19.34	18.95	5	20.5

LTE Band 41_Ant4										
BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20M	QPSK	1	0	**24.77**	24.72	24.68	24.66	24.47	0	25.5
		1	50	24.75	24.68	24.65	24.64	24.45	0	25.5
		1	99	24.73	24.61	24.51	24.41	24.29	0	25.5
		50	0	23.85	23.79	23.77	23.67	23.58	1	24.5
		50	25	23.84	23.75	23.70	23.65	23.54	1	24.5
		50	50	23.78	23.74	23.66	23.61	23.51	1	24.5
		100	0	23.82	23.79	23.69	23.65	23.46	1	24.5
	16QAM	1	0	23.73	23.64	23.65	23.61	23.44	1	24.5
		1	50	23.77	23.75	23.70	23.63	23.61	1	24.5
		1	99	23.70	23.62	23.62	23.69	23.49	1	24.5
		50	0	22.80	22.76	22.71	22.71	22.58	2	23.5
		50	25	22.83	22.80	22.78	22.7	22.66	2	23.5
		50	50	22.77	22.75	22.69	22.65	22.67	2	23.5
		100	0	22.83	22.78	22.71	22.77	22.6	2	23.5
	64QAM	1	0	22.89	22.81	22.80	22.74	22.68	2	23.5
		1	50	22.86	22.71	22.79	22.83	22.68	2	23.5
		1	99	22.77	22.62	22.68	22.72	22.6	2	23.5
		50	0	21.80	21.70	21.70	21.72	21.59	3	22.5
		50	25	21.84	21.77	21.69	21.75	21.55	3	22.5
		50	50	21.76	21.66	21.65	21.62	21.54	3	22.5
		100	0	21.77	21.69	21.67	21.64	21.58	3	22.5
	256QAM	1	0	19.60	19.47	19.52	19.57	19.5	5	20.5
		1	50	19.79	19.76	19.71	19.75	19.59	5	20.5
		1	99	19.58	19.57	19.50	19.45	19.31	5	20.5
		50	0	19.74	19.65	19.69	19.65	19.58	5	20.5
		50	25	19.82	19.78	19.75	19.72	19.62	5	20.5
		50	50	19.78	19.67	19.70	19.66	19.57	5	20.5
		100	0	19.75	19.65	19.71	19.62	19.6	5	20.5
BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	**24.76**	24.57	24.56	24.58	24.42	0	25.5
		1	37	24.72	24.57	24.55	24.61	24.43	0	25.5
		1	74	24.61	24.58	24.38	24.31	24.26	0	25.5
		36	0	23.76	23.77	23.62	23.62	23.55	1	24.5
		36	19	23.72	23.70	23.57	23.5	23.49	1	24.5
		36	39	23.73	23.71	23.57	23.54	23.41	1	24.5
		75	0	23.67	23.69	23.56	23.61	23.34	1	24.5
	16QAM	1	0	23.71	23.57	23.53	23.55	23.38	1	24.5
		1	37	23.75	23.74	23.56	23.49	23.48	1	24.5
		1	74	23.63	23.58	23.48	23.6	23.4	1	24.5
		36	0	22.75	22.65	22.59	22.59	22.51	2	23.5
		36	19	22.73	22.65	22.72	22.57	22.57	2	23.5
		36	39	22.74	22.73	22.58	22.5	22.62	2	23.5
		75	0	22.78	22.63	22.56	22.66	22.56	2	23.5
	64QAM	1	0	22.76	22.73	22.71	22.71	22.57	2	23.5
		1	37	22.72	22.62	22.74	22.7	22.55	2	23.5
		1	74	22.67	22.59	22.57	22.58	22.51	2	23.5
		36	0	21.73	21.68	21.61	21.7	21.55	3	22.5
		36	19	21.79	21.72	21.58	21.73	21.4	3	22.5
		36	39	21.66	21.52	21.62	21.5	21.47	3	22.5
		75	0	21.62	21.63	21.66	21.56	21.5	3	22.5
	256QAM	1	0	19.50	19.45	19.49	19.45	19.36	5	20.5
		1	37	19.78	19.73	19.60	19.7	19.5	5	20.5
		1	74	19.43	19.49	19.44	19.41	19.17	5	20.5
		36	0	19.66	19.56	19.55	19.57	19.44	5	20.5
		36	19	19.69	19.67	19.70	19.6	19.56	5	20.5
		36	39	19.68	19.66	19.58	19.51	19.52	5	20.5
		75	0	19.64	19.59	19.68	19.41	19.47	5	20.5
BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	24.63	24.65	24.53	24.52	24.36	0	25.5
		1	24	**24.67**	24.59	24.50	24.58	24.32	0	25.5
		1	49	24.65	24.49	24.39	24.28	24.27	0	25.5
		25	0	23.70	23.70	23.70	23.64	23.5	1	24.5
		25	12	23.76	23.73	23.65	23.62	23.39	1	24.5
		25	25	23.73	23.69	23.60	23.6	23.4	1	24.5
		50	0	23.76	23.66	23.62	23.52	23.38	1	24.5
	16QAM	1	0	23.67	23.56	23.50	23.54	23.38	1	24.5
		1	24	23.70	23.66	23.65	23.6	23.53	1	24.5
		1	49	23.63	23.47	23.52	23.65	23.42	1	24.5
		25	0	22.66	22.63	22.69	22.62	22.45	2	23.5
		25	12	22.75	22.75	22.75	22.67	22.65	2	23.5
		25	25	22.64	22.70	22.60	22.6	22.63	2	23.5
		50	0	22.73	22.64	22.56	22.66	22.59	2	23.5
	64QAM	1	0	22.78	22.79	22.74	22.68	22.55	2	23.5
		1	24	22.78	22.68	22.75	22.72	22.59	2	23.5
		1	49	22.62	22.59	22.66	22.67	22.59	2	23.5
		25	0	21.67	21.57	21.55	21.68	21.51	3	22.5
		25	12	21.81	21.70	21.54	21.64	21.53	3	22.5
		25	25	21.63	21.52	21.60	21.59	21.45	3	22.5
		50	0	21.74	21.57	21.61	21.56	21.47	3	22.5
	256QAM	1	0	19.58	19.40	19.51	19.46	19.43	5	20.5
		1	24	19.72	19.68	19.58	19.71	19.47	5	20.5
		1	49	19.50	19.54	19.36	19.38	19.17	5	20.5
		25	0	19.65	19.63	19.56	19.58	19.44	5	20.5
		25	12	19.69	19.65	19.61	19.58	19.56	5	20.5
		25	25	19.77	19.54	19.56	19.63	19.44	5	20.5
		50	0	19.69	19.61	19.68	19.59	19.45	5	20.5
BW	Modulation	Channel		39675	40148	40620	41093	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	**24.73**	24.62	24.67	24.59	24.39	0	25.5
		1	12	24.64	24.54	24.51	24.5	24.41	0	25.5
		1	24	24.60	24.52	24.37	24.32	24.18	0	25.5
		12	0	23.84	23.67	23.70	23.57	23.46	1	24.5
		12	6	23.72	23.64	23.60	23.56	23.53	1	24.5
		12	13	23.74	23.72	23.59	23.57	23.5	1	24.5
		25	0	23.80	23.70	23.63	23.57	23.42	1	24.5
	16QAM	1	0	23.67	23.54	23.52	23.6	23.37	1	24.5
		1	12	23.68	23.66	23.55	23.62	23.5	1	24.5
		1	24	23.64	23.56	23.60	23.58	23.36	1	24.5
		12	0	22.72	22.71	22.67	22.6	22.43	2	23.5
		12	6	22.69	22.70	22.73	22.65	22.6	2	23.5
		12	13	22.64	22.60	22.59	22.63	22.63	2	23.5
		25	0	22.81	22.76	22.64	22.75	22.54	2	23.5
	64QAM	1	0	22.85	22.72	22.77	22.72	22.66	2	23.5
		1	12	22.79	22.57	22.65	22.81	22.66	2	23.5
		1	24	22.76	22.60	22.66	22.64	22.49	2	23.5
		12	0	21.69	21.63	21.62	21.66	21.48	3	22.5
		12	6	21.75	21.74	21.60	21.63	21.53	3	22.5
		12	13	21.66	21.54	21.51	21.6	21.4	3	22.5
		25	0	21.72	21.59	21.56	21.62	21.47	3	22.5
	256QAM	1	0	19.46	19.44	19.49	19.42	19.35	5	20.5
		1	12	19.77	19.75	19.62	19.64	19.44	5	20.5
		1	24	19.56	19.43	19.44	19.35	19.27	5	20.5
		12	0	19.64	19.50	19.54	19.55	19.53	5	20.5
		12	6	19.81	19.75	19.70	19.65	19.57	5	20.5
		12	13	19.63	19.63	19.62	19.58	19.48	5	20.5
		25	0	19.66	19.63	19.69	19.53	19.53	5	20.5

LTE Default

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BW	MCS Index	RB Size	RB Offset	Channel	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
				Frequency (MHz)	3460	3600	3740		
20M	QPSK	1	0		22.75	22.53	22.45	0	23.5
		1	50		22.76	22.56	22.49	0	23.5
		1	99		22.72	22.39	22.48	0	23.5
		50	0		21.92	21.60	21.59	1	22.5
		50	25		21.86	21.54	21.57	1	22.5
		50	50		21.90	21.58	21.55	1	22.5
		100	0		21.88	21.51	21.54	1	22.5
	16QAM	1	0		21.73	21.62	21.48	1	22.5
		1	50		21.74	21.66	21.63	1	22.5
		1	99		21.85	21.77	21.75	1	22.5
		50	0		20.95	20.84	20.76	2	21.5
		50	25		20.89	20.81	20.71	2	21.5
		50	50		20.92	20.88	20.77	2	21.5
		100	0		20.90	20.82	20.80	2	21.5
	64QAM	1	0		20.88	20.80	20.74	2	21.5
		1	50		20.94	20.87	20.77	2	21.5
		1	99		20.96	20.88	20.81	2	21.5
		50	0		19.89	19.83	19.79	3	20.5
		50	25		19.93	19.82	19.70	3	20.5
		50	50		19.86	19.76	19.62	3	20.5
		100	0		19.90	19.85	19.74	3	20.5
	256QAM	1	0		17.82	17.80	17.51	5	18.5
		1	50		17.71	17.61	17.47	5	18.5
		1	99		17.67	17.64	17.59	5	18.5
		50	0		17.85	17.73	17.68	5	18.5
		50	25		17.90	17.82	17.81	5	18.5
		50	50		17.85	17.82	17.70	5	18.5
		100	0		17.85	17.78	17.64	5	18.5

BW	MCS Index	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)			42166	42490	42815		
					3467.2	3500	3532.8	3GPP MPR	Max. Tune-up
15M	QPSK	1	0		22.64	22.51	22.42	0	23.5
		1	37		22.74	22.42	22.40	0	23.5
		1	74		22.61	22.33	22.46	0	23.5
		36	0		21.84	21.56	21.53	1	22.5
		36	19		21.74	21.40	21.42	1	22.5
		36	39		21.83	21.48	21.42	1	22.5
		75	0		21.77	21.37	21.48	1	22.5
		1	0		21.71	21.59	21.33	1	22.5
	16QAM	1	37		21.73	21.51	21.50	1	22.5
		1	74		21.82	21.67	21.66	1	22.5
		36	0		20.82	20.71	20.71	2	21.5
		36	19		20.76	20.71	20.64	2	21.5
		36	39		20.80	20.65	20.63	2	21.5
		75	0		20.75	20.72	20.71	2	21.5
		1	0		20.81	20.79	20.68	2	21.5
	64QAM	1	37		20.87	20.83	20.68	2	21.5
		1	74		20.93	20.75	20.66	2	21.5
		36	0		19.76	19.71	19.74	3	20.5
		36	19		19.91	19.68	19.60	3	20.5
		36	39		19.81	19.66	19.54	3	20.5
		75	0		19.88	19.72	19.73	3	20.5
	256QAM	1	0		17.54	17.45	17.44	5	18.5
		1	37		17.57	17.51	17.34	5	18.5
		1	74		17.59	17.57	17.56	5	18.5
		36	0		17.83	17.72	17.64	5	18.5
		36	19		17.82	17.73	17.71	5	18.5
		36	39		17.77	17.60	17.64	5	18.5
		75	0		17.81	17.77	17.55	5	18.5

BW	MCS Index	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)			43140	43490	43840		
					3455	3600	3745	3GPP MPR	Max. Tune-up
10M	QPSK	1	0		22.50	22.41	22.28	0	23.5
		1	24		22.65	22.36	22.36	0	23.5
		1	49		22.56	22.19	22.33	0	23.5
		25	0		21.79	21.41	21.50	1	22.5
		25	12		21.68	21.37	21.34	1	22.5
		25	25		21.80	21.40	21.33	1	22.5
		50	0		21.76	21.35	21.37	1	22.5
	16QAM	1	0		21.59	21.44	21.22	1	22.5
		1	24		21.71	21.49	21.43	1	22.5
		1	49		21.79	21.53	21.61	1	22.5
		25	0		20.81	20.70	20.59	2	21.5
		25	12		20.83	20.64	20.57	2	21.5
		25	25		20.67	20.79	20.60	2	21.5
		50	0		20.74	20.62	20.59	2	21.5
		1	0		20.65	20.78	20.56	2	21.5
	64QAM	1	24		20.82	20.62	20.57	2	21.5
		1	49		20.89	20.73	20.65	2	21.5
		25	0		19.63	19.57	19.64	3	20.5
		25	12		19.82	19.55	19.45	3	20.5
		25	25		19.79	19.64	19.51	3	20.5
		50	0		19.73	19.64	19.62	3	20.5
	256QAM	1	0		17.43	17.36	17.43	5	18.5
		1	24		17.48	17.46	17.19	5	18.5
		1	49		17.53	17.47	17.46	5	18.5
		25	0		17.75	17.62	17.63	5	18.5
		25	12		17.69	17.71	17.69	5	18.5
		25	25		17.71	17.50	17.59	5	18.5
		50	0		17.71	17.73	17.45	5	18.5

BW	MCS Index	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)			43115	43490	43865		
					3452.5	3600	3747.5	3GPP MPR	Max. Tune-up
5M	QPSK	1	0		22.74	22.39	22.37	0	23.5
		1	12		22.67	22.50	22.47	0	23.5
		1	24		22.66	22.29	22.36	0	23.5
		12	0		21.82	21.46	21.45	1	22.5
		12	6		21.73	21.46	21.44	1	22.5
		12	13		21.76	21.44	21.41	1	22.5
		25	0		21.79	21.50	21.41	1	22.5
	16QAM	1	0		21.65	21.58	21.47	1	22.5
		1	12		21.73	21.54	21.59	1	22.5
		1	24		21.73	21.75	21.61	1	22.5
		12	0		20.79	20.65	20.74	2	21.5
		12	6		20.74	20.78	20.64	2	21.5
		12	13		20.69	20.73	20.66	2	21.5
		25	0		20.75	20.78	20.68	2	21.5
	64QAM	1	0		20.79	20.66	20.62	2	21.5
		1	12		20.86	20.62	20.66	2	21.5
		1	24		20.83	20.81	20.74	2	21.5
		12	0		19.77	19.72	19.71	3	20.5
		12	6		19.90	19.67	19.62	3	20.5
		12	13		19.85	19.74	19.60	3	20.5
		25	0		19.77	19.71	19.67	3	20.5
	256QAM	1	0		17.49	17.55	17.40	5	18.5
		1	12		17.59	17.53	17.38	5	18.5
		1	24		17.65	17.61	17.48	5	18.5
		12	0		17.71	17.63	17.67	5	18.5
		12	6		17.79	17.70	17.71	5	18.5
		12	13		17.74	17.59	17.69	5	18.5
		25	0		17.79	17.65	17.60	5	18.5

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BW	MCS Index	RB Size	RB Offset	Channel	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
				Frequency (MHz)	3560	3679	3800		
20M	QPSK	1	0		22.37	22.34	22.32	0	23.5
		1	50		22.47	22.42	22.37	0	23.5
		1	99		22.39	22.33	22.36	0	23.5
		50	0		21.46	21.35	21.37	1	22.5
		50	25		21.53	21.38	21.42	1	22.5
		50	50		21.60	21.46	21.47	1	22.5
		100	0		21.50	21.46	21.42	1	22.5
	16QAM	1	0		21.55	21.50	21.50	1	22.5
		1	50		21.59	21.49	21.48	1	22.5
		1	99		21.74	21.69	21.73	1	22.5
		50	0		20.80	20.67	20.65	2	21.5
		50	25		20.80	20.71	20.76	2	21.5
		50	50		20.77	20.75	20.64	2	21.5
		100	0		20.65	20.56	20.56	2	21.5
	64QAM	1	0		20.78	20.74	20.65	2	21.5
		1	50		20.82	20.77	20.71	2	21.5
		1	99		20.94	20.83	20.80	2	21.5
		50	0		19.70	19.56	19.67	3	20.5
		50	25		19.74	19.59	19.65	3	20.5
		50	50		19.75	19.66	19.65	3	20.5
		100	0		19.71	19.56	19.63	3	20.5
	256QAM	1	0		17.42	17.34	17.40	5	18.5
		1	50		17.52	17.44	17.45	5	18.5
		1	99		17.57	17.57	17.47	5	18.5
		50	0		17.67	17.57	17.52	5	18.5
		50	25		17.70	17.63	17.64	5	18.5
		50	50		17.63	17.48	17.48	5	18.5
		100	0		17.65	17.58	17.53	5	18.5

BW	MCS Index	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)			42190	42490	42790		
					3467.8	3500	3532.2	3GPP MPR	Max. Tune-up
15M	QPSK	1	0		22.34	22.20	22.17	0	23.5
		1	37		22.43	22.32	22.22	0	23.5
		1	74		22.27	22.29	22.31	0	23.5
		36	0		21.34	21.25	21.23	1	22.5
		36	19		21.44	21.31	21.39	1	22.5
		36	39		21.55	21.44	21.44	1	22.5
		75	0		21.42	21.36	21.39	1	22.5
	16QAM	1	0		21.51	21.43	21.35	1	22.5
		1	37		21.56	21.45	21.39	1	22.5
		1	74		21.62	21.51	21.49	1	22.5
		36	0		20.75	20.56	20.62	2	21.5
		36	19		20.77	20.56	20.71	2	21.5
		36	39		20.68	20.68	20.56	2	21.5
		75	0		20.61	20.52	20.45	2	21.5
	64QAM	1	0		20.72	20.73	20.56	2	21.5
		1	37		20.76	20.75	20.57	2	21.5
		1	74		20.70	20.77	20.76	2	21.5
		36	0		19.56	19.55	19.52	3	20.5
		36	19		19.59	19.54	19.62	3	20.5
		36	39		19.73	19.54	19.56	3	20.5
		75	0		19.63	19.55	19.49	3	20.5
	256QAM	1	0		17.45	17.28	17.30	5	18.5
		1	37		17.48	17.35	17.33	5	18.5
		1	74		17.58	17.43	17.36	5	18.5
		36	0		17.63	17.51	17.43	5	18.5
		36	19		17.60	17.62	17.30	5	18.5
		36	39		17.60	17.45	17.38	5	18.5
		75	0		17.58	17.42	17.43	5	18.5

BW	MCS Index	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)			41940	42340	42690		
					3455	3679	3895	3GPP MPR	Max. Tune-up
10M	QPSK	1	0		22.31	22.17	22.09	0	23.5
		1	24		22.28	22.21	22.25	0	23.5
		1	49		22.14	22.23	22.19	0	23.5
		25	0		21.39	21.15	21.32	1	22.5
		25	12		21.37	21.14	21.23	1	22.5
		25	25		21.49	21.28	21.34	1	22.5
		50	0		21.44	21.30	21.37	1	22.5
	16QAM	1	0		21.51	21.21	21.38	1	22.5
		1	24		21.33	21.36	21.38	1	22.5
		1	49		21.51	21.45	21.54	1	22.5
		25	0		20.60	20.53	20.50	2	21.5
		25	12		20.64	20.58	20.53	2	21.5
		25	25		20.59	20.64	20.48	2	21.5
		50	0		20.63	20.32	20.40	2	21.5
		1	0		20.66	20.58	20.53	2	21.5
	64QAM	1	24		20.71	20.64	20.57	2	21.5
		1	49		20.75	20.71	20.61	2	21.5
		25	0		19.52	19.39	19.48	3	20.5
		25	12		19.55	19.38	19.48	3	20.5
		25	25		19.59	19.46	19.51	3	20.5
		50	0		19.48	19.54	19.39	3	20.5
	256QAM	1	0		17.19	17.25	17.18	5	18.5
		1	24		17.31	17.19	17.26	5	18.5
		1	49		17.54	17.45	17.44	5	18.5
		25	0		17.32	17.41	17.24	5	18.5
		25	12		17.56	17.53	17.50	5	18.5
		25	25		17.33	17.33	17.44	5	18.5
		50	0		17.41	17.45	17.33	5	18.5

BW	MCS Index	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)			43115	43340	43565		
					3452.5	3575	3697.5	3GPP MPR	Max. Tune-up
5M	QPSK	1	0		22.30	22.33	22.31	0	23.5
		1	12		22.40	22.30	22.27	0	23.5
		1	24		22.26	22.21	22.34	0	23.5
		12	0		21.36	21.26	21.25	1	22.5
		12	6		21.52	21.27	21.40	1	22.5
		12	13		21.49	21.31	21.42	1	22.5
		25	0		21.40	21.39	21.30	1	22.5
	16QAM	1	0		21.47	21.40	21.41	1	22.5
		1	12		21.53	21.40	21.55	1	22.5
		1	24		21.53	21.68	21.61	1	22.5
		12	0		20.58	20.47	20.56	2	21.5
		12	6		20.72	20.63	20.72	2	21.5
		12	13		20.67	20.68	20.59	2	21.5
		25	0		20.59	20.47	20.56	2	21.5
	64QAM	1	0		20.65	20.68	20.53	2	21.5
		1	12		20.71	20.72	20.60	2	21.5
		1	24		20.63	20.68	20.58	2	21.5
		12	0		19.61	19.47	19.65	3	20.5
		12	6		19.62	19.58	19.54	3	20.5
		12	13		19.63	19.65	19.59	3	20.5
		25	0		19.65	19.57	19.53	3	20.5
	256QAM	1	0		17.36	17.28	17.38	5	18.5
		1	12		17.36	17.30	17.40	5	18.5
		1	24		17.48	17.42	17.41	5	18.5
		12	0		17.39	17.45	17.30	5	18.5
		12	6		17.58	17.53	17.42	5	18.5
		12	13		17.50	17.47	17.35	5	18.5
		25	0		17.56	17.49	17.50	5	18.5

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BW	MCS Index	RB Size	RB Offset	Channel	Low	Mid	High	3GPP MPR	Max. Tune-up
				Frequency (MHz)	3460	3600	3740		
20M	QPSK	1	0		24.61	24.49	24.26	0	25.5
		1	50		24.73	24.53	24.27	0	25.5
		1	99		24.65	24.32	24.34	0	25.5
		50	0		23.85	23.53	23.33	1	24.5
		50	25		23.87	23.55	23.42	1	24.5
		50	50		23.82	23.50	23.39	1	24.5
		100	0		23.77	23.49	23.36	1	24.5
	16QAM	1	0		23.66	23.54	23.35	1	24.5
		1	50		23.76	23.63	23.44	1	24.5
		1	99		23.74	23.71	23.13	1	24.5
		50	0		22.82	22.74	22.30	2	23.5
		50	25		22.85	22.80	22.35	2	23.5
		50	50		22.81	22.72	22.37	2	23.5
		100	0		22.80	22.74	22.39	2	23.5
	64QAM	1	0		22.85	22.74	22.50	2	23.5
		1	50		22.64	22.70	22.40	2	23.5
		1	99		22.71	22.61	22.25	2	23.5
		50	0		21.80	21.51	21.26	3	22.5
		50	25		21.83	21.44	21.24	3	22.5
		50	50		21.82	21.62	21.38	3	22.5
		100	0		21.80	21.53	21.26	3	22.5
	256QAM	1	0		19.77	19.63	19.11	5	20.5
		1	50		19.63	19.58	19.31	5	20.5
		1	99		19.68	19.61	19.18	5	20.5
		50	0		19.82	19.81	19.32	5	20.5
		50	25		19.80	19.68	19.29	5	20.5
		50	50		19.81	19.67	19.32	5	20.5
		100	0		19.79	19.73	19.21	5	20.5

BW	MCS Index	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)			42190	42490	42815		
					3467.8	3500	3532.2	3GPP MPR	Max. Tune-up
15M	QPSK	1	0		24.47	24.42	24.16	0	25.5
		1	37		24.59	24.45	24.14	0	25.5
		1	74		24.61	24.30	24.16	0	25.5
		36	0		23.84	23.52	23.30	1	24.5
		36	19		23.76	23.40	23.41	1	24.5
		36	39		23.68	23.49	23.24	1	24.5
		75	0		23.74	23.41	23.28	1	24.5
	16QAM	1	0		23.55	23.38	23.25	1	24.5
		1	37		23.65	23.58	23.40	1	24.5
		1	74		23.70	23.54	23.07	1	24.5
		36	0		22.69	22.66	22.15	2	23.5
		36	19		22.83	22.70	22.24	2	23.5
		36	39		22.67	22.80	22.23	2	23.5
		75	0		22.65	22.62	22.15	2	23.5
	64QAM	1	0		22.76	22.65	22.46	2	23.5
		1	37		22.76	22.59	22.34	2	23.5
		1	74		22.58	22.57	22.16	2	23.5
		36	0		21.65	21.36	21.21	3	22.5
		36	19		21.70	21.40	21.17	3	22.5
		36	39		21.77	21.50	21.32	3	22.5
		75	0		21.67	21.52	21.25	3	22.5
	256QAM	1	0		19.73	19.62	19.03	5	20.5
		1	37		19.48	19.57	19.30	5	20.5
		1	74		19.61	19.53	19.16	5	20.5
		36	0		19.70	19.70	19.31	5	20.5
		36	19		19.70	19.60	19.16	5	20.5
		36	39		19.75	19.62	19.31	5	20.5
		75	0		19.76	19.72	19.14	5	20.5

BW	MCS Index	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)			41940	42340	42690		
					3455	3500	3545	3GPP MPR	Max. Tune-up
10M	QPSK	1	0		24.46	24.38	24.11	0	25.5
		1	24		24.66	24.36	24.20	0	25.5
		1	49		24.60	24.31	24.10	0	25.5
		25	0		23.70	23.39	23.30	1	24.5
		25	12		23.82	23.46	23.31	1	24.5
		25	25		23.71	23.41	23.24	1	24.5
		50	0		23.69	23.34	23.25	1	24.5
	16QAM	1	0		23.58	23.35	23.21	1	24.5
		1	24		23.63	23.57	23.11	1	24.5
		1	49		23.62	23.70	22.98	1	24.5
		25	0		22.79	22.61	22.18	2	23.5
		25	12		22.73	22.73	22.21	2	23.5
		25	25		22.72	22.64	22.36	2	23.5
		50	0		22.73	22.68	22.26	2	23.5
		1	0		22.66	22.56	22.42	2	23.5
	64QAM	1	24		22.82	22.67	22.35	2	23.5
		1	49		22.68	22.56	22.17	2	23.5
		25	0		21.72	21.44	21.15	3	22.5
		25	12		21.73	21.29	21.16	3	22.5
		25	25		21.78	21.39	21.26	3	22.5
		50	0		21.70	21.46	21.17	3	22.5
	256QAM	1	0		19.75	19.56	19.07	5	20.5
		1	24		19.60	19.47	19.25	5	20.5
		1	49		19.62	19.47	19.11	5	20.5
		25	0		19.70	19.69	19.22	5	20.5
		25	12		19.66	19.60	19.27	5	20.5
		25	25		19.73	19.61	19.24	5	20.5
		50	0		19.67	19.67	19.11	5	20.5

BW	MCS Index	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)			42115	42390	42665		
					3452.5	3580	3647.5	3GPP MPR	Max. Tune-up
5M	QPSK	1	0		24.52	24.39	24.09	0	25.5
		1	12		24.59	24.42	24.11	0	25.5
		1	24		24.48	24.20	24.13	0	25.5
		12	0		23.69	23.39	23.35	1	24.5
		12	6		23.73	23.43	23.21	1	24.5
		12	13		23.69	23.41	23.30	1	24.5
		25	0		23.54	23.28	23.28	1	24.5
	16QAM	1	0		23.49	23.22	23.19	1	24.5
		1	12		23.57	23.44	23.30	1	24.5
		1	24		23.57	23.57	23.06	1	24.5
		12	0		22.81	22.67	22.24	2	23.5
		12	6		22.65	22.71	22.24	2	23.5
		12	13		22.57	22.46	22.21	2	23.5
		25	0		22.62	22.56	22.16	2	23.5
	64QAM	1	0		22.78	22.58	22.41	2	23.5
		1	12		22.72	22.56	22.19	2	23.5
		1	24		22.50	22.45	22.10	2	23.5
		12	0		21.63	21.45	21.08	3	22.5
		12	6		21.57	21.34	21.14	3	22.5
		12	13		21.57	21.50	21.15	3	22.5
		25	0		21.61	21.53	21.16	3	22.5
	256QAM	1	0		19.51	19.39	18.88	5	20.5
		1	12		19.47	19.39	19.12	5	20.5
		1	24		19.49	19.46	19.00	5	20.5
		12	0		19.62	19.62	19.04	5	20.5
		12	6		19.54	19.48	19.12	5	20.5
		12	13		19.54	19.56	19.14	5	20.5
		25	0		19.66	19.64	18.91	5	20.5

LTE Band 42 FCC Part96_Ant2

BW	MCS Index	RB Size	RB Offset	Channel	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
				Frequency (MHz)	3560	3679	3800		
20M	QPSK	1	0		24.29	24.35	24

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LTE Band 42 FCC Part27Q_Ant3

BW	MCS Index	RB Size	RB Offset	Channel	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
				Frequency (MHz)	3460	3600	3740		
20M	QPSK	1	0		24.30	23.99	23.89	0	24.5
		1	50		24.37	24.05	23.95	0	24.5
		1	99		24.19	23.93	23.87	0	24.5
		50	0		23.45	23.09	23.02	1	23.5
		50	25		23.47	23.10	23.05	1	23.5
		50	50		23.43	23.09	23.01	1	23.5
		100	0		23.36	23.08	23.03	1	23.5
	16QAM	1	0		23.36	23.13	23.02	1	23.5
		1	50		23.41	23.23	23.13	1	23.5
		1	99		23.43	22.97	22.85	1	23.5
		50	0		22.41	22.12	22.00	2	22.5
		50	25		22.36	22.10	22.09	2	22.5
		50	50		22.40	22.16	22.12	2	22.5
		100	0		22.31	22.03	21.95	2	22.5
	64QAM	1	0		22.48	22.18	22.04	2	22.5
		1	50		22.36	22.23	22.22	2	22.5
		1	99		22.46	22.21	22.09	2	22.5
		50	0		21.45	21.11	21.08	3	21.5
		50	25		21.43	21.26	21.19	3	21.5
		50	50		21.31	21.22	21.07	3	21.5
		100	0		21.49	21.06	20.97	3	21.5
	256QAM	1	0		19.36	19.09	19.07	5	19.5
		1	50		19.34	19.18	19.10	5	19.5
		1	99		19.19	18.95	18.81	5	19.5
		50	0		19.47	19.16	19.13	5	19.5
		50	25		19.50	19.16	19.05	5	19.5
		50	50		19.38	19.07	19.02	5	19.5
		100	0		19.47	19.19	19.16	5	19.5

BW	MCS Index	Channel	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)	3457.5	3595	3642.5		
15M	QPSK	1	24.27	23.96	23.77	0	24.5
		1	37	24.24	24.03	23.94	0	24.5
		1	74	24.15	23.83	23.74	0	24.5
		36	0	23.38	23.07	22.91	1	23.5
		36	19	23.36	23.00	22.98	1	23.5
		36	39	23.37	23.03	22.93	1	23.5
		75	0	23.29	23.00	22.97	1	23.5
		1	0	23.24	22.99	22.97	1	23.5
	16QAM	1	37	23.31	23.21	22.98	1	23.5
		1	74	23.30	22.92	22.80	1	23.5
		36	0	22.26	22.05	21.92	2	22.5
		36	19	22.31	21.97	21.96	2	22.5
		36	39	22.36	22.08	22.00	2	22.5
		75	0	22.25	21.88	21.82	2	22.5
		1	0	22.37	22.06	22.03	2	22.5
	64QAM	1	37	22.34	22.11	22.14	2	22.5
		1	74	22.35	22.17	22.02	2	22.5
		36	0	21.36	20.97	20.97	3	21.5
		36	19	21.36	21.25	21.12	3	21.5
		36	39	21.18	21.11	21.06	3	21.5
		75	0	21.40	20.86	20.86	3	21.5
		1	0	19.27	19.04	18.99	5	19.5
	256QAM	1	37	19.19	19.11	18.95	5	19.5
		1	74	19.18	18.83	18.72	5	19.5
		36	0	19.45	19.04	19.06	5	19.5
		36	19	19.46	19.12	18.97	5	19.5
		36	39	19.23	18.97	18.89	5	19.5
		75	0	19.42	19.09	19.14	5	19.5

BW	MCS Index	Channel	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)	3465	3600	3735		
10M	QPSK	1	0	24.10	23.90	23.62	0	24.5
		1	24	24.10	23.89	23.89	0	24.5
		1	49	24.06	23.78	23.60	0	24.5
		25	0	23.32	23.01	22.80	1	23.5
		25	12	23.25	22.87	22.97	1	23.5
		25	25	23.32	22.89	22.90	1	23.5
		50	0	23.27	22.91	22.97	1	23.5
	16QAM	1	0	23.23	22.86	22.88	1	23.5
		1	24	23.17	23.20	22.95	1	23.5
		1	49	23.26	22.82	22.72	1	23.5
		25	0	22.21	21.94	21.89	2	22.5
		25	12	22.22	21.85	21.84	2	22.5
		25	25	22.25	22.00	21.98	2	22.5
		50	0	22.18	21.73	21.67	2	22.5
		1	0	22.29	21.96	22.00	2	22.5
	64QAM	1	24	22.23	22.05	22.00	2	22.5
		1	49	22.29	22.07	21.92	2	22.5
		25	0	21.21	20.88	20.91	3	21.5
		25	12	21.28	21.11	21.11	3	21.5
		25	25	21.09	20.96	20.99	3	21.5
		50	0	21.26	20.63	20.77	3	21.5
	256QAM	1	0	19.19	18.99	18.91	5	19.5
		1	24	19.13	19.09	18.84	5	19.5
		1	49	19.17	18.72	18.61	5	19.5
		25	0	19.34	19.00	18.92	5	19.5
		25	12	19.44	18.98	18.89	5	19.5
		25	25	19.15	18.90	18.84	5	19.5
		50	0	19.35	19.06	19.02	5	19.5

BW	MCS Index	Channel	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)	3452.5	3600	3747.5		
5M	QPSK	1	0	24.23	23.89	23.86	0	24.5
		1	12	24.35	24.03	23.91	0	24.5
		1	24	24.17	23.85	23.72	0	24.5
		12	0	23.42	22.87	22.92	1	23.5
		12	6	23.40	23.05	22.96	1	23.5
		12	13	23.31	23.03	22.99	1	23.5
		25	0	23.31	22.95	22.97	1	23.5
		1	0	23.28	23.02	22.92	1	23.5
		1	12	23.37	23.12	23.04	1	23.5
	16QAM	1	24	23.40	22.94	22.81	1	23.5
		12	0	22.37	21.99	21.86	2	22.5
		12	6	22.34	22.00	22.06	2	22.5
		12	13	22.38	22.10	21.99	2	22.5
		25	0	22.36	21.98	21.80	2	22.5
		1	0	22.46	22.15	21.94	2	22.5
		1	12	22.29	22.17	22.16	2	22.5
	64QAM	1	24	22.37	22.12	22.04	2	22.5
		12	0	21.36	21.00	20.94	3	21.5
		12	6	21.36	21.22	21.17	3	21.5
		12	13	21.19	21.16	20.99	3	21.5
		25	0	21.41	20.99	20.84	3	21.5
		1	0	19.25	19.03	19.00	5	19.5
	256QAM	1	12	19.24	19.10	19.06	5	19.5
		12	0	19.05	18.90	18.74	5	19.5
		12	6	19.46	19.15	19.00	5	19.5
		12	13	19.31	19.06	18.98	5	19.5
		25	0	19.33	19.17	19.11	5	19.5

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BW	MCS Index	RB Size	RB Offset	Channel	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
				Frequency (MHz)	3560	3679	3800		
20M	QPSK	1	0		24.12	24.08	24.09	0	24.5
		1	50		24.18	24.13	24.11	0	24.5
		1	99		24.04	24.06	23.97	0	24.5
		50	0		23.21	23.17	23.15	1	23.5
		50	25		23.27	23.19	23.21	1	23.5
		50	50		23.16	23.13	23.19	1	23.5
		100	0		23.22	23.19	23.01	1	23.5
	16QAM	1	0		23.24	23.28	23.15	1	23.5
		1	50		23.36	23.27	23.25	1	23.5
		1	99		23.02	23.05	23.02	1	23.5
		50	0		22.24	22.15	22.25	2	22.5
		50	25		22.15	22.21	22.24	2	22.5
		50	50		22.23	22.30	22.17	2	22.5
		100	0		22.07	22.17	22.09	2	22.5
	64QAM	1	0		22.27	22.23	22.29	2	22.5
		1	50		22.36	22.36	22.33	2	22.5
		1	99		22.24	22.35	22.28	2	22.5
		50	0		21.17	21.23	21.13	3	21.5
		50	25		21.36	21.35	21.35	3	21.5
		50	50		21.34	21.36	21.29	3	21.5
		100	0		21.07	21.17	21.12	3	21.5
	256QAM	1	0		19.18	19.10	19.15	5	19.5
		1	50		19.24	19.24	19.23	5	19.5
		1	99		19.04	18.98	19.09	5	19.5
		50	0		19.30	19.31	19.24	5	19.5
		50	25		19.29	19.29	19.24	5	19.5
		50	50		19.15	19.19	19.21	5	19.5
		100	0		19.31	19.34	19.31	5	19.5

BW	MCS Index	Channel	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)	3557.5	3679	3802.5		
15M	QPSK	1	0	23.99	24.13	24.01	0	24.5
		1	37	24.04	24.08	24.02	0	24.5
		1	74	23.93	23.99	23.88	0	24.5
		36	0	23.10	23.09	23.13	1	23.5
		36	19	23.18	23.09	23.11	1	23.5
		36	39	23.08	23.10	23.14	1	23.5
		75	0	23.20	23.17	22.91	1	23.5
		1	0	23.15	23.14	23.04	1	23.5
	16QAM	1	37	23.29	23.25	23.21	1	23.5
		1	74	23.20	22.99	23.00	1	23.5
		36	0	22.19	22.13	22.22	2	22.5
		36	19	22.12	22.12	22.10	2	22.5
		36	39	22.18	22.16	22.05	2	22.5
		75	0	21.96	22.10	21.96	2	22.5
		1	0	22.24	22.16	22.26	2	22.5
	64QAM	1	37	22.27	22.20	22.24	2	22.5
		1	74	22.12	22.21	22.13	2	22.5
		36	0	21.12	21.14	20.99	3	21.5
		36	19	21.36	21.21	21.31	3	21.5
		36	39	21.27	21.26	21.17	3	21.5
		75	0	20.98	21.05	21.09	3	21.5
		1	0	19.17	19.05	19.08	5	19.5
	256QAM	1	37	19.21	19.14	19.09	5	19.5
		1	74	18.91	18.82	18.98	5	19.3
		36	0	19.24	19.25	19.14	5	19.5
		36	19	19.17	19.18	19.08	5	19.5
		36	39	19.13	19.14	19.22	5	19.5
		75	0	19.16	19.28	19.19	5	19.5

BW	MCS Index	Channel	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)	3555	3679	3695		
10M	QPSK	1	0	24.04	24.01	23.93	0	24.5
		1	24	23.94	23.82	23.89	0	24.5
		1	49	24.00	24.00	23.82	0	24.5
		25	0	23.15	23.05	23.09	1	23.5
		25	12	23.12	23.10	23.05	1	23.5
		25	25	23.13	22.93	23.05	1	23.5
		50	0	23.01	22.94	22.75	1	23.5
	16QAM	1	0	23.17	23.11	22.99	1	23.5
		1	24	23.18	23.17	23.12	1	23.5
		1	49	22.91	23.00	22.89	1	23.5
		25	0	22.10	22.10	22.12	2	22.5
		25	12	22.03	22.08	22.11	2	22.5
		25	25	22.12	22.11	21.98	2	22.5
		50	0	21.93	21.94	21.92	2	22.5
		1	0	22.04	22.16	22.05	2	22.5
	64QAM	1	24	22.21	22.14	22.17	2	22.5
		1	49	22.12	22.23	22.06	2	22.5
		25	0	21.11	21.07	21.03	3	21.5
		25	12	21.23	21.13	21.21	3	21.5
		25	25	21.20	21.08	21.06	3	21.5
		50	0	20.94	20.96	20.97	3	21.5
	256QAM	1	0	19.07	18.88	19.04	5	19.5
		1	24	19.03	18.78	19.05	5	19.5
		1	49	18.86	18.76	18.87	5	19.5
		25	0	19.26	18.94	18.97	5	19.5
		25	12	19.16	19.20	18.98	5	19.5
		25	25	18.91	19.00	19.12	5	19.5
		50	0	19.04	18.93	19.05	5	19.5

BW	MCS Index	Channel	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)	3562.5	3679	3797.5		
5M	QPSK	1	0	23.99	24.05	23.99	0	24.5
		1	12	23.97	23.99	23.91	0	24.5
		1	24	23.82	23.96	23.87	0	24.5
		12	0	23.05	22.96	22.93	1	23.5
		12	6	22.97	23.08	23.02	1	23.5
		12	13	23.02	23.01	23.01	1	23.5
		25	0	23.02	23.03	22.77	1	23.5
		1	0	23.02	23.03	22.99	1	23.5
		1	12	23.20	23.35	23.35	1	23.5
	16QAM	1	24	22.88	22.83	22.95	1	23.5
		12	0	22.05	22.06	22.03	2	22.5
		12	6	22.08	22.08	22.10	2	22.5
		12	13	22.11	22.09	21.90	2	22.5
		25	0	21.98	22.13	21.85	2	22.5
		1	0	22.06	22.13	22.02	2	22.5
		1	12	22.27	22.20	22.25	2	22.5
	64QAM	1	24	22.06	22.12	22.04	2	22.5
		12	0	21.03	21.04	21.06	3	21.5
		12	6	21.25	21.16	21.14	3	21.5
		12	13	21.19	21.27	21.18	3	21.5
		25	0	20.95	20.93	20.97	3	21.5
		1	0	19.04	18.94	19.06	5	19.5
	256QAM	1	12	19.18	19.02	19.18	5	19.5
		12	0	18.97	18.82	18.99	5	19.5
		12	6	19.26	19.03	19.10	5	19.5
		12	13	19.07	19.04	18.99	5	19.5
		25	0	19.15	19.26	19.14	5	19.5

LTE Band 42 FCC Part27Q_Ant7

BW	MCS Index	RB Size	RB Offset	Channel	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
				Frequency (MHz)	3460	3600	3740		
20M	QPSK	1	0		22.23	21.94	21.85	0	23
		1	50		22.28	22.07	21.88	0	23
		1	99		22.12	22.05	21.83	0	23
		50	0		21.28	20.91	20.87	1	22
		50	25		21.41	21.08	21.03	1	22
		50	50		21.33	20.98	20.92	1	22
		100	0		21.32	20.94	20.96	1	22
	16QAM	1	0		21.24	21.12	21.02	1	22
		1	50		21.03	20.92	20.81	1	22
		1	99		20.89	20.89	20.85	1	22
		50	0		20.06	20.05	20.02	2	21
		50	25		20.07	19.94	19.96	2	21
		50	50		20.25	20.03	20.06	2	21
		100	0		20.04	19.89	19.95	2	21
	64QAM	1	0		19.99	20.02	19.95	2	21
		1	50		20.12	20.15	20.10	2	21
		1	99		19.84	19.90	19.91	2	21
		50	0		18.90	19.05	18.99	3	20
		50	25		19.02	18.95	18.97	3	20
		50	50		18.91	19.09	19.01	3	20
		100	0		18.99	18.95	18.95	3	20
	256QAM	1	0		16.94	17.01	16.91	5	18
		1	50		17.15	17.03	16.90	5	18
		1	99		16.75	16.82	16.82	5	18
		50	0		16.87	17.00	16.89	5	18
		50	25		16.86	17.01	16.97	5	18
		50	50		16.87	17.00	16.99	5	18
		100	0		17.01	17.03	16.90	5	18

BW	MCS Index	Channel	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)	3457.5	3595	3642.5		
15M	QPSK	1	0	22.09	21.92	21.94	0	23
		1	37	22.16	22.04	21.85	0	23
		1	74	22.07	21.91	21.81	0	23
		36	0	21.18	20.81	20.79	1	22
		36	19	21.40	20.96	20.99	1	22
		36	39	21.18	20.84	20.84	1	22
		75	0	21.18	20.83	20.81	1	22
		1	0	21.14	21.10	20.99	1	22
	16QAM	1	37	20.93	20.82	20.71	1	22
		1	74	20.82	20.79	20.70	1	22
		36	0	19.98	19.96	19.91	2	21
		36	19	20.00	19.83	19.82	2	21
		36	39	20.15	19.89	19.94	2	21
		75	0	19.95	19.84	19.84	2	21
		1	0	19.95	19.88	19.88	2	21
	64QAM	1	37	19.98	20.12	20.00	2	21
		1	74	19.72	19.77	19.84	2	21
		36	0	18.87	18.92	18.89	3	20
		36	19	18.96	18.83	18.84	3	20
		36	39	18.80	18.95	18.96	3	20
		75	0	18.85	18.84	18.79	3	20
		1	0	16.82	16.87	16.79	5	18
	256QAM	1	37	17.13	16.94	16.84	5	18
		1	74	16.69	16.68	16.80	5	18
		36	0	16.85	16.98	16.79	5	18
		36	19	16.74	17.00	16.89	5	18
		36	39	16.72	16.89	16.77	5	18
		75	0	16.94	16.98	16.82	5	18

BW	MCS Index	Channel	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)	3465	3600	3645		
10M	QPSK	1	0	22.15	21.90	21.77	0	23
		1	24	22.16	21.95	21.84	0	23
		1	49	21.99	22.00	21.70	0	23
		25	0	21.27	20.82	20.84	1	22
		25	12	21.38	21.01	20.93	1	22
		25	25	21.21	20.94	20.77	1	22
		50	0	21.30	20.91	20.97	1	22
	16QAM	1	0	21.16	21.07	21.03	1	22
		1	24	20.90	20.89	20.76	1	22
		1	49	20.78	20.76	20.82	1	22
		25	0	20.05	19.99	20.01	2	21
		25	12	19.92	19.85	19.81	2	21
		25	25	20.12	19.98	19.95	2	21
		50	0	19.96	19.77	19.89	2	21
		1	0	19.96	19.89	19.86	2	21
	64QAM	1	24	19.97	20.05	20.03	2	21
		1	49	19.78	19.88	19.88	2	21
		25	0	18.80	19.00	18.93	3	20
		25	12	18.91	18.89	18.91	3	20
		25	25	18.86	18.96	18.98	3	20
		50	0	18.91	18.91	18.82	3	20
	256QAM	1	0	16.81	16.87	16.84	5	18
		1	24	17.13	16.89	16.85	5	18
		1	49	16.84	16.73	16.68	5	18
		25	0	16.79	16.97	16.86	5	18
		25	12	16.76	16.87	16.89	5	18
		25	25	16.72	16.86	16.75	5	18
		50	0	16.94	16.96	16.86	5	18

BW	MCS Index	Channel	Low	Mid	High	3GPP MPR	Max. Tune-up
		Frequency (MHz)	3452.5	3600	3747.5		
5M	QPSK	1	0	22.10	21.91	21.75	0	23
		1	12	22.15	21.92	21.77	0	23
		1	24	22.02	21.94	21.68	0	23
		12	0	21.56	20.84	20.73	1	22
		12	6	21.37	20.98	20.95	1	22
		12	13	21.22	20.91	20.82	1	22
		25	0	21.22	20.81	20.91	1	22
		1	0	21.16	21.05	21.09	1	22
		1	12	20.92	20.92	20.92	1	22
	16QAM	1	24	20.78	20.84	20.71	1	22
		12	0	20.01	19.95	19.93	2	21
		12	6	20.04	19.80	19.94	2	21
		12	13	20.20	19.92	19.98	2	21
		25	0	19.93	19.84	19.88	2	21
		1	0	19.94	19.92	19.85	2	21
		1	12	20.10	20.06	20.10	2	21
	64QAM	1	24	19.81	19.90	19.86	2	21
		12	0	18.85	18.98	18.92	3	20
		12	6	18.93	18.91	18.92	3	20
		12	13	18.90	18.96	18.95	3	20
		25	0	18.85	18.88	18.89	3	20
		1	0	16.90	16.90	16.77	5	18
	256QAM	1	12	17.04	16.88	16.75	5	18
		12	0	16.82	16.79	16.68	5	18
		12	6	16.84	16.93	16.86	5	18
		12	13	16.75	16.86	16.79	5	18
		25	0	16.83	16.90	16.83	5	18

LTE Band 42 FCC Part96_Ant7

BW	MCS Index	RB Size	RB Offset	Channel	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
				Frequency (MHz)	3560	3679	3800		
20M	QPSK	1	0		22.11	22.05	21.94	0	23
		1	50		22.16	22.13	22.01	0	23
		1	99		22.14	22.08	21.91	0	23
		50	0		21.09	21.11	21.03	1	22
		50	25		21.25	21.18	21.22	1	22
		50	50		21.16	21.10	21.13	1	22
		100	0		21.34	21.23	21.02	1	22
	16QAM	1	0		21.18	21.21	21.32	1	22
		1	50		21.05	21.14	21.08	1	22
		1	99		21.13	21.01	21.02	1	22
		50	0		20.32	20.19	20.15	2	21
		50	25		20.11	20.15	20.21	2	21
		50	50		20.14	20.35	20.35	2	21
		100	0		20.14	20.13	20.08	2	21
	64QAM	1	0		20.41	20.23	20.19	2	21
		1	50		20.27	20.33	20.26	2	21
		1	99		20.22	20.13	20.08	2	21
		50	0		19.26	19.31	19.25	3	20
		50	25		19.32	19.18	19.35	3	20
		50	50		19.17	19.24	19.20	3	20
		100	0		19.08	19.20	19.18	3	20
	256QAM	1	0		17.15	17.27	17.16	5	18
		1	50		17.16	17.31	17.30	5	18
		1	99		17.09	16.96	17.01	5	18
		50	0		17.33	17.20	17.16	5	18
		50	25		17.28	17.19	17.26	5	18
		50	50		17.16	17.31	17.36	5	18
		100	0		17.40	17.37	17.18	5	18

| BW | MCS Index | Channel | Low | Mid |

LTE Default

LTE Band 48 for SAR_Ant1

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		55340	55620	55100	55540		
		Frequence (MHz)		3560	3588	3640	3688		
20M	QPSK	1	0	**21.12**	20.99	21.01	21.08	0	22
		1	50	21.10	20.98	20.94	21.04	0	22
		1	99	21.09	20.97	20.96	20.98	0	22
		50	0	20.15	20.13	20.03	20.07	1	21
		50	25	20.19	20.14	20.12	20.14	1	21
		50	50	20.23	20.17	20.13	20.21	1	21
		100	0	20.22	20.13	20.09	20.18	1	21
	16QAM	1	0	19.87	19.77	19.79	19.82	1	21
		1	50	19.94	19.82	19.87	19.89	1	21
		1	99	19.77	19.79	19.89	19.71	1	21
		50	0	18.70	18.72	18.71	18.73	2	20
		50	25	18.80	18.80	18.88	18.83	2	20
		50	50	18.90	18.90	18.92	18.87	2	20
		100	0	18.76	18.82	18.73	18.83	2	20
	64QAM	1	0	18.78	18.79	18.78	18.73	2	20
		1	50	18.90	18.90	18.88	18.89	2	20
		1	99	18.81	18.96	18.88	18.81	2	20
		50	0	17.35	17.31	17.35	17.41	3	19
		50	25	17.38	17.41	17.38	17.42	3	19
		50	50	17.36	17.52	17.38	17.41	3	19
		100	0	17.32	17.48	17.36	17.43	3	19
	256QAM	1	0	15.59	15.62	15.64	15.58	5	17
		1	50	15.76	15.79	15.72	15.64	5	17
		1	99	15.70	15.79	15.73	15.7	5	17
		50	0	15.62	15.62	15.78	15.76	5	17
		50	25	15.62	15.62	15.68	15.64	5	17
		50	50	15.66	15.69	15.62	15.61	5	17
		100	0	15.62	15.68	15.69	15.63	5	17

BW	MCS Index	Channel		55310	55620	55190	55660	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3557.5	3588	3642	3692.5		
15M	QPSK	1	0	21.36	20.87	20.85	21.01	0	22
		1	37	**21.86**	20.94	20.92	20.93	0	22
		1	74	21.03	20.88	20.96	20.94	0	22
		36	0	20.12	20.09	19.88	19.98	1	21
		36	19	20.10	19.99	20.03	20.13	1	21
		36	39	20.14	20.09	20.16	20.07	1	21
		75	0	20.16	20.09	20.03	20.08	1	21
	16QAM	1	0	19.83	19.65	19.76	19.76	2	20
		1	37	19.74	19.69	19.85	19.73	1	21
		1	74	19.66	19.76	19.82	19.69	1	21
		36	0	18.69	18.62	18.64	18.67	2	20
		36	19	18.64	18.60	18.69	18.69	2	20
		36	39	18.76	18.67	18.78	18.78	2	20
		75	0	18.74	18.61	18.62	18.6	2	20
	64QAM	1	0	18.77	18.65	18.66	18.66	2	20
		1	37	18.84	18.92	18.88	18.64	2	20
		1	74	18.71	18.67	18.76	18.69	2	20
		36	0	17.76	17.74	17.75	17.66	3	19
		36	19	17.80	17.80	17.77	17.73	3	19
		36	39	17.81	17.72	17.89	17.66	3	19
		75	0	17.82	17.69	17.75	17.71	3	19
	256QAM	1	0	15.57	15.58	15.69	15.49	5	17
		1	37	15.63	15.73	15.71	15.74	5	17
		1	74	15.67	15.66	15.59	15.65	5	17
		36	0	15.69	15.66	15.70	15.73	5	17
		36	19	15.67	15.61	15.76	15.62	5	17
		36	39	15.62	15.69	15.66	15.69	5	17
		75	0	15.56	15.66	15.76	15.78	5	17

BW	MCS Index	Channel		55290	55610	55180	55680	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3552.5	3587.5	3642.5	3692.5		
10M	QPSK	1	0	**21.87**	20.84	20.97	21.02	0	22
		1	24	21.84	20.88	20.75	20.97	0	22
		1	49	**21.87**	20.80	20.86	20.86	0	22
		25	0	20.08	20.05	19.84	19.94	1	21
		25	12	20.10	20.03	20.04	20.08	1	21
		25	25	20.13	20.13	20.07	20.13	1	21
		50	0	20.21	20.09	19.99	20.03	1	21
	16QAM	1	0	19.82	19.66	19.76	19.76	2	20
		1	24	19.75	19.78	19.88	19.66	1	21
		1	49	19.67	19.77	19.73	19.62	1	21
		25	0	18.71	18.66	18.69	18.63	2	20
		25	12	18.78	18.77	18.72	18.81	2	20
		25	25	18.88	18.66	18.67	18.73	2	20
		50	0	18.72	18.79	18.69	18.79	2	20
	64QAM	1	0	18.75	18.62	18.72	18.62	2	20
		1	24	18.81	18.84	18.84	18.73	2	20
		1	49	18.76	18.82	18.75	18.73	2	20
		25	0	17.70	17.67	17.72	17.68	3	19
		25	12	17.75	17.82	17.82	17.76	3	19
		25	25	17.88	17.72	17.80	17.68	3	19
		50	0	17.88	17.73	17.71	17.67	3	19
	256QAM	1	0	15.46	15.53	15.57	15.44	5	17
		1	24	15.76	15.73	15.66	15.73	5	17
		1	49	15.71	15.62	15.75	15.67	5	17
		25	0	15.72	15.66	15.69	15.63	5	17
		25	12	15.95	15.65	15.92	15.69	5	17
		25	25	15.79	15.64	15.85	15.75	5	17
		50	0	15.84	15.66	15.85	15.83	5	17

BW	MCS Index	Channel		55260	55610	55170	55710	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3542.5	3587	3642	3697.5		
5M	QPSK	1	0	20.98	20.93	20.89	20.95	0	22
		1	12	21.01	20.83	20.95	21.06	0	22
		1	24	**21.86**	20.91	20.86	20.88	0	22
		12	0	20.00	20.00	19.91	19.95	1	21
		12	6	20.06	20.15	19.92	19.95	1	21
		12	13	20.11	20.11	20.06	20.09	1	21
		25	0	20.10	20.03	19.96	20.08	1	21
	16QAM	1	0	19.81	19.79	19.89	19.79	1	21
		1	12	19.69	19.71	19.93	19.79	1	21
		1	24	19.73	19.79	19.78	19.81	1	21
		12	0	18.63	18.64	18.60	18.68	2	20
		12	6	18.86	18.83	18.75	18.8	2	20
		12	13	18.89	18.79	18.88	18.77	2	20
		25	0	18.81	18.81	18.73	18.73	2	20
	64QAM	1	0	18.65	18.71	18.75	18.68	2	20
		1	12	18.80	18.69	18.91	18.8	2	20
		1	24	18.88	18.82	18.86	18.75	2	20
		12	0	17.65	17.62	17.74	17.68	3	19
		12	6	17.76	17.86	17.86	17.77	3	19
		12	13	17.86	17.79	17.75	17.81	3	19
		25	0	17.81	17.75	17.74	17.76	3	19
	256QAM	1	0	15.55	15.45	15.58	15.43	5	17
		1	12	15.76	15.73	15.64	15.72	5	17
		1	24	15.86	15.59	15.57	15.61	5	17
		12	0	15.71	15.62	15.77	15.66	5	17
		12	6	15.90	15.61	15.85	15.82	5	17
		12	13	15.76	15.79	15.88	15.86	5	17
		25	0	15.67	15.65	15.71	15.81	5	17

LTE Band 48 for SAR_Ant2

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		55340	55620	55100	55540		
		Frequence (MHz)		3560	3588	3640	3688		
20M	QPSK	1	0	22.71	22.63	22.49	22.7	0	24
		1	50	**22.76**	22.67	22.57	22.73	0	24
		1	99	22.74	22.09	22.03	22.69	0	24
		50	0	21.87	21.79	21.63	21.72	1	23
		50	25	21.93	21.91	21.68	21.89	1	23
		50	50	21.90	21.75	21.66	21.85	1	23
		100	0	21.93	21.90	21.67	21.83	1	23
	16QAM	1	0	21.77	21.63	21.71	21.66	1	23
		1	50	21.92	21.81	21.74	21.77	1	23
		1	99	21.83	21.66	21.71	21.75	1	23
		50	0	20.89	20.78	20.74	20.76	2	22
		50	25	20.92	20.92	20.86	20.77	2	22
		50	50	20.92	20.90	20.83	20.86	2	22
		100	0	20.91	20.90	20.73	20.75	2	22
	64QAM	1	0	20.77	20.67	20.63	20.72	2	22
		1	50	20.82	20.72	20.77	20.76	2	22
		1	99	20.75	20.65	20.63	20.62	2	22
		50	0	19.88	19.83	19.86	19.8	3	21
		50	25	19.93	19.79	19.79	19.83	3	21
		50	50	19.91	19.81	19.80	19.88	3	21
		100	0	19.93	19.86	19.77	19.73	3	21
	256QAM	1	0	17.83	17.74	17.68	17.76	5	19
		1	50	17.94	17.82	17.81	17.79	5	19
		1	99	17.91	17.76	17.79	17.74	5	19
		50	0	17.94	17.87	17.88	17.83	5	19
		50	25	17.90	17.86	17.86	17.9	5	19
		50	50	17.90	17.96	17.91	17.91	5	19
		100	0	17.87	17.94	17.88	17.9	5	19

BW	MCS Index	Channel		55310	55620	55190	55660	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3557.5	3588	3642	3692.5		
15M	QPSK	1	0	22.56	22.62	22.39	22.64	0	24.00
		1	37	**22.74**	22.64	22.44	22.72	0	24.00
		1	74	22.64	22.52	22.41	22.66	0	24.00
		36	0	21.74	21.64	21.51	21.7	1	23.00
		36	19	21.82	21.70	21.62	21.73	1	23.00
		36	39	21.88	21.65	21.51	21.75	1	23.00
		75	0	21.82	21.77	21.54	21.74	1	23.00
	16QAM	1	0	21.79	21.59	21.67	21.64	1	23.00
		1	37	21.88	21.65	21.70	21.66	1	23.00
		1	74	21.88	21.80	21.65	21.69	1	23.00
		36	0	20.76	20.69	20.75	20.72	2	22.00
		36	19	20.80	20.75	20.73	20.75	2	22.00
		36	39	20.92	20.80	20.72	20.72	2	22.00
		75	0	20.72	20.74	20.61	20.65	2	22.00
	64QAM	1	0	20.83	20.59	20.69	20.64	2	22.00
		1	37	20.72	20.66	20.65	20.67	2	22.00
		1	74	20.81	20.61	20.61	20.55	2	22.00
		36	0	19.73	19.70	19.78	19.75	3	21.00
		36	19	19.76	19.72	19.72	19.77	3	21.00
		36	39	19.88	19.72	19.72	19.77	3	21.00
		75	0	19.76	19.73	19.63	19.62	3	21.00
	256QAM	1	0	17.82	17.63	17.72	17.63	5	19.00
		1	37	17.76	17.74	17.69	17.73	5	19.00
		1	74	17.84	17.71	17.79	17.62	5	19.00
		36	0	17.85	17.85	17.77	17.72	5	19.00
		36	19	17.76	17.71	17.79	17.62	5	19.00
		36	39	17.92	17.74	17.68	17.67	5	19.00
		75	0	17.77	17.63	17.61	17.75	5	19.00

BW	MCS Index	Channel		55290	55610	55180	55680	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3552.5	3587.5	3642.5	3692.5		
10M	QPSK	1	0	22.59	22.48	22.41	22.63	0	24.00
		1	24	**22.76**	22.59	22.52	22.61	0	24.00
		1	49	22.68	22.45	22.46	22.58	0	24.00
		25	0	21.79	21.79	21.61	21.73	1	23.00
		25	12	21.83	21.67	21.58	21.83	1	23.00
		25	25	21.87	21.63	21.64	21.82	1	23.00
		50	0	21.84	21.70	21.53	21.75	1	23.00
	16QAM	1	0	21.70	21.60	21.58	21.58	1	23.00
		1	24	21.71	21.72	21.75	21.71	1	23.00
		1	49	21.81	21.62	21.60	21.73	1	23.00
		25	0	20.80	20.74	20.65	20.61	2	22.00
		25	12	20.80	20.77	20.66	20.68	2	22.00
		25	25	20.78	20.68	20.79	20.73	2	22.00
		50	0	20.78	20.65	20.74	20.65	2	22.00
	64QAM	1	0	20.60	20.64	20.61	20.58	2	22.00
		1	24	20.72	20.68	20.79	20.73	2	22.00
		1	49	20.74	20.75	20.71	20.77	2	22.00
		25	0	19.76	19.72	19.74	19.73	3	21.00
		25	12	19.83	19.69	19.64	19.79	3	21.00
		25	25	19.88	19.68	19.78	19.74	3	21.00
		50	0	19.76	19.72	19.74	19.73	3	21.00
	256QAM	1	0	17.79	17.67	17.67	17.7	5	19.00
		1	24	17.89	17.66	17.73	17.68	5	19.00
		1	49	17.74	17.75	17.71	17.7	5	19.00
		25	0	17.82	17.73	17.8	17.8	5	19.00
		25	12	17.79	17.82	17.65	17.83	5	19.00
		25	25	17.80	17.81	17.67	17.77	5	19.00
		50	0	17.86	17.67	17.83	17.83	5	19.00

BW	MCS Index	Channel		55260	55610	55170	55710	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3542.5	3587	3642	3697.5		
5M	QPSK	1	0	22.64	22.49	22.45	**22.62**	0	24.00
		1	12	22.73	22.49	22.48	22.62	0	24.00
		1	24	22.61	22.49	22.51	22.54	0	24.00
		12	0	21.85	21.66	21.48	21.69	1	23.00
		12	6	21.78	21.79	21.58	21.74	1	23.00
		12	13	21.85	21.66	21.61	21.72	1	23.00
		25	0	21.77	21.77	21.65	21.76	1	23.00
	16QAM	1	0	21.71	21.56	21.63	21.58	1	23.00
		1	12	21.78	21.66	21.63	21.73	1	23.00
		1	24	21.79	21.66	21.63	21.75	1	23.00
		12	0	20.86	20.70	20.69	20.75	2	22.00
		12	6	20.81	20.82	20.73	20.76	2	22.00
		12	13	20.91	20.81	20.73	20.76	2	22.00
		25	0	20.74	20.74	20.62	20.66	2	22.00
	64QAM	1	0	20.74	20.76	20.59	20.75	2	22.00
		1	12	20.84	20.73	20.64	20.69	2	22.00
		1	24	20.69	20.53	20.64	20.49	2	22.00
		12	0	19.76	19.69	19.79	19.72	3	21.00
		12	6	19.82	19.65	19.65	19.77	3	21.00
		12	13	19.84	19.76	19.69	19.8	3	21.00
		25	0	19.79	19.74	19.79	19.67	3	21.00
	256QAM	1	0	17.81	17.72	17.61	17.66	5	19.00
		1	12	17.84	17.72	17.66	17.8	5	19.00
		1	24	17.74	17.62	17.68	17.63	5	19.00
		12	0	17.87	17.65	17.65	17.72	5	19.00
		12	6	17.91	17.67	17.75	17.83	5	19.00
		12	13	17.86	17.77	17.76	17.85	5	19.00
		25	0	17.86	17.86	17.71	17.76	5	19.00

LTE Band 48 for SAR_Ant3

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		55340	55620	55100	55540		
		Frequence (MHz)		3560	3588	3640	3688		
20M	QPSK	1	0	21.88	21.47	21.72	21.63	0	23
		1	50	21.93	21.95	21.87	**22.02**	0	23
		1	99	21.79	21.70	21.70	21.85	0	23
		50	0	21.02	20.96	20.79	21.09	1	22
		50	25	21.06	20.96	20.96	20.97	1	22
		50	50	20.97	20.95	20.86	21.07	1	22
		100	0	20.99	20.96	20.86	21.1	1	22
	16QAM	1	0	20.96	20.84	20.86	21.16	1	22
		1	50	21.01	20.94	20.91	21.08	1	22
		1	99	21.06	20.77	20.90	21	1	22
		50	0	20.03	19.91	20.04	20.07	2	21
		50	25	20.01	20.02	19.94	20.12	2	21
		50	50	19.99	19.88	19.87	20.19	2	21
		100	0	20.04	19.93	19.92	20.04	2	21
	64QAM	1	0	20.20	19.94	19.99	20.21	2	21
		1	50	20.19	19.97	20.08	20.1	2	21
		1	99	20.12	19.98	19.96	20.02	2	21
		50	0	19.06	19.04	19.06	19.1	3	20
		50	25	19.05	18.90	18.88	19.11	3	20
		50	50	19.04	18.91	18.94	19.11	3	20
		100	0	19.01	18.94	18.95	19.1	3	20
	256QAM	1	0	17.25	17.02	17.21	17.39	5	18
		1	50	17.28	17.04	17.19	17.38	5	18
		1	99	17.28	17.23	17.10	17.19	5	18
		50	0	17.27	17.22	17.23	17.37	5	18
		50	25	17.27	17.20	17.22	17.38	5	18
		50	50	17.23	17.21	17.29	17.47	5	18
		100	0	17.27	17.24	17.22	17.41	5	18

BW	MCS Index	Channel		55310	55620	55190	55660	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3557.5	3588	3642	3692.5		
15M	QPSK	1	0	21.87	21.37	21.61	21.84	0	23
		1	37	21.90	**21.91**	21.78	21.89	0	23
		1	74	21.94	21.71	21.80	21.83	0	23
		36	0	21.01	20.87	20.71	21.03	1	22
		36	19	20.99	20.88	20.82	21.01	1	22
		36	39	20.89	20.78	20.73	20.92	1	22
		75	0	20.92	20.87	20.76	21.08	1	22
	16QAM	1	0	20.82	20.71	20.75	21.12	1	22
		1	37	20.88	20.88	20.79	20.97	1	22
		1	74	21.05	20.70	20.88	20.94	1	22
		36	0	19.94	19.76	19.87	20.02	2	21
		36	19	19.87	19.96	19.81	19.99	2	21
		36	39	19.96	19.76	19.79	20.11	2	21
		75	0	20.03	19.79	19.86	20.21	2	21
	64QAM	1	0	19.96	19.85	19.87	20.17	2	21
		1	37	20.08	19.92	20.00	20.17	2	21
		1	74	20.11	19.95	19.91	19.99	2	21
		36	0	19.01	18.93	18.80	19.12	3	20
		36	19	18.99	18.92	18.77	19.01	3	20
		36	39	18.89	18.79	18.91	19.09	3	20
		75	0	19.06	18.97	18.92	19.02	3	20
	256QAM	1	0	17.00	16.89	17.13	17.27	5	18
		1	37	17.21	17.12	17.08	17.2	5	18
		1	74	17.25	17.16	17.02	17.07	5	18
		36	0	17.14	17.20	17.17	17.36	5	18
		36	19	17.12	17.15	17.07	17.12	5	18
		36	39	17.41	17.11	17.18	17.43	5	18
		75	0	17.29	17.37	17.25	17.36	5	18

BW	MCS Index	Channel		55290	55610	55180	55680	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3552.5	3587.5	3642.5	3692.5		
10M	QPSK	1	0	21.80	21.58	21.64	21.82	0	23
		1	24	21.81	21.56	21.63	**21.88**	0	23
		1	49	21.72	21.56	21.63	21.82	0	23
		25	0	20.88	20.82	20.65	20.96	1	22
		25	12	20.95	20.91	20.83	21.17	1	22
		25	25	20.89	20.78	20.85	20.96	1	22
		50	0	20.92	20.86	20.82	21.07	1	22
	16QAM	1	0	20.93	20.76	20.71	21.07	1	22
		1	24	20.95	20.86	20.84	21.05	1	22
		1	49	20.91	20.79	20.88	20.92	1	22
		25	0	20.01	19.73	19.88	19.97	2	21
		25	12	19.93	19.97	19.90	20.09	2	21
		25	25	19.98	19.97	19.89	20.09	2	21
		50	0	20.02	19.93	19.84	20.02	2	21
	64QAM	1	0	20.05	19.93	19.91	20.07	2	21
		1	24	20.16	19.92	19.96	20.17	2	21
		1	49	20.07	19.89	19.95	19.91	2	21
		25	0	19.06	18.93	19.01	19.09	3	20
		25	12	18.92	18.80	18.73	19.08	3	20
		25	25	19.03	18.93	18.79	19.02	3	20
		50	0	18.97	18.88	18.85	19.05	3	20
	256QAM	1	0	17.12	16.98	17.14	17.32	5	18
		1	24	17.11	17.16	17.03	17.36	5	18
		1	49	17.13	17.15	17.03	17.09	5	18
		25	0	17.14	17.18	17.11	17.29	5	18
		25	12	17.35	17.23	17.27	17.52	5	18
		25	25	17.20	17.18	17.12	17.29	5	18
		50	0	17.27	17.36	17.27	17.46	5	18

BW	MCS Index	Channel		55260	55610	55170	55710	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3542.5	3587	3642	3697.5		
5M	QPSK	1	0	21.84	21.57	21.71	21.69	0	23
		1	12	21.79	21.61	21.61	**21.82**	0	23
		1	24	21.69	21.62	21.65	21.67	0	23
		12	0	20.99	20.86	20.67	21.06	1	22
		12	6	21.00	20.90	20.88	21.05	1	22
		12	13	20.92	20.79	20.79	20.92	1	22
		25	0	20.93	20.78	20.74	20.98	1	22
	16QAM	1	0	20.80	20.79	20.71	21.12	1	22
		1	12	20.88	20.81	20.79	21.03	1	22
		1	24	20.95	20.79

LTE Default

LTE Band 66_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		133072	132322	132072		
		Frequency (MHz)		1728	1745	1779		
20M	QPSK	1	0	23.59	25.73	23.71	0	24
		1	50	23.80	**25.87**	23.77	0	24
		1	99	23.61	23.77	23.74	0	24
		50	0	22.72	22.69	22.72	1	23
		50	25	22.75	22.81	22.79	1	23
		50	50	22.69	22.74	22.77	1	23
		100	0	22.69	22.73	22.71	1	23
	16QAM	1	0	22.80	22.99	22.86	1	23
		1	50	22.97	22.99	22.98	1	23
		1	99	22.92	22.94	22.93	1	23
		50	0	21.79	21.90	21.79	2	22
		50	25	21.77	21.81	21.80	2	22
		50	50	21.80	21.84	21.83	2	22
		100	0	21.81	21.83	21.80	2	22
	64QAM	1	0	21.87	21.90	21.88	2	22
		1	50	21.91	21.94	21.93	2	22
		1	99	21.89	21.92	21.90	2	22
		50	0	20.66	20.76	20.75	3	21
		50	25	20.73	20.85	20.83	3	21
		50	50	20.81	20.83	20.85	3	21
		100	0	20.77	20.79	20.76	3	21
	256QAM	1	0	18.79	18.84	18.82	5	19
		1	50	18.83	18.88	18.82	5	19
		1	99	18.82	18.87	18.75	5	19
		50	0	16.65	16.70	16.75	5	19
		50	25	16.73	16.80	16.77	5	19
		50	50	17.69	16.77	16.77	5	19
		100	0	18.74	18.75	18.62	5	19

BW	Modulation	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)			1717.5	1748	1772.5		
15M	QPSK	1	0	23.52	23.66	23.64	0	24
		1	37	23.73	**23.79**	23.66	0	24
		1	74	23.60	23.69	23.68	0	24
		36	0	22.59	22.67	22.70	1	23
		36	19	22.70	22.60	22.68	1	23
		36	39	22.65	22.68	22.64	1	23
		75	0	22.65	22.60	22.69	1	23
		75	38	22.75	22.82	22.83	1	23
	16QAM	1	37	22.85	22.98	22.87	1	23
		1	74	22.89	22.83	22.86	1	23
		36	0	21.64	21.70	21.77	2	22
		36	19	21.70	21.77	21.67	2	22
		36	39	21.79	21.77	21.81	2	22
		75	0	21.71	21.68	21.79	2	22
		75	38	21.75	21.83	21.84	2	22
	64QAM	1	37	21.87	21.79	21.76	2	22
		1	74	21.79	21.78	21.84	2	22
		36	0	20.55	20.67	20.69	3	21
		36	19	20.70	20.82	20.77	3	21
		36	39	20.74	20.74	20.75	3	21
		75	0	20.66	20.73	20.74	3	21
		75	38	20.77	20.82	20.81	3	21
	256QAM	1	0	18.70	18.82	18.71	5	19
		1	37	18.81	18.87	18.68	5	19
		1	74	18.73	18.81	18.66	5	19
		36	0	18.59	18.56	18.74	5	19
		36	19	18.69	18.77	18.65	5	19
		36	39	17.64	18.66	18.51	5	19
		75	0	18.63	18.60	18.58	5	19

BW	Modulation	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)			1715	1745	1775		
10M	QPSK	1	0	**23.39**	23.55	23.60	0	24
		1	24	**23.72**	23.65	23.76	0	24
		1	49	23.46	23.67	23.64	0	24
		25	0	22.56	22.61	22.62	1	23
		25	12	22.58	22.67	22.64	1	23
		25	25	22.56	22.61	22.56	1	23
		50	0	22.51	22.50	22.59	1	23
	16QAM	1	0	22.74	22.79	22.70	1	23
		1	24	22.76	22.93	22.74	1	23
		1	49	22.81	22.79	22.77	1	23
		25	0	21.51	21.67	21.73	2	22
		25	12	21.62	21.71	21.52	2	22
		25	25	21.73	21.70	21.72	2	22
		50	0	21.62	21.58	21.71	2	22
		50	25	21.66	21.70	21.68	2	22
	64QAM	1	24	21.75	21.68	21.68	2	22
		1	49	21.73	21.73	21.81	2	22
		25	0	20.40	20.52	20.68	3	21
		25	12	20.62	20.70	20.65	3	21
		25	25	20.63	20.71	20.71	3	21
		50	0	20.63	20.69	20.66	3	21
	256QAM	1	0	18.60	18.74	18.61	5	19
		1	24	18.66	18.79	18.62	5	19
		1	49	18.69	18.66	18.62	5	19
		25	0	18.50	18.45	18.71	5	19
		25	12	18.68	18.63	18.52	5	19
		25	25	17.58	18.53	18.50	5	19
		50	0	18.51	18.51	18.48	5	19

BW	Modulation	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)			1712.5	1745	1777.5		
5M	QPSK	1	0	23.48	23.72	23.59	0	24
		1	12	**23.73**	23.72	23.69	0	24
		1	24	23.52	23.65	23.72	0	24
		12	0	22.64	22.65	22.64	1	23
		12	6	22.64	22.77	22.71	1	23
		12	13	22.56	22.59	22.70	1	23
		25	0	22.60	22.68	22.56	1	23
	16QAM	1	0	22.85	22.84	22.72	1	23
		1	12	22.85	22.94	22.94	1	23
		1	24	22.83	22.81	22.91	1	23
		12	0	21.61	21.69	21.73	2	22
		12	6	21.63	21.69	21.66	2	22
		12	13	21.75	21.79	21.68	2	22
		25	0	21.70	21.77	21.72	2	22
		25	6	21.70	21.77	21.72	2	22
	64QAM	1	0	21.85	21.76	21.85	2	22
		1	12	21.71	21.85	21.81	2	22
		1	24	21.83	21.86	21.78	2	22
		12	0	20.61	20.73	20.63	3	21
		12	6	20.71	20.79	20.79	3	21
		12	13	20.80	20.72	20.79	3	21
		25	0	20.63	20.66	20.73	3	21
	256QAM	1	0	18.68	18.70	18.71	5	19
		1	12	18.80	18.80	18.70	5	19
		1	24	18.67	18.79	18.66	5	19
		12	0	16.61	16.61	18.64	5	19
		12	6	18.58	18.65	18.67	5	19
		12	13	17.61	18.70	18.57	5	19
		25	0	18.68	18.74	18.53	5	19

BW	Modulation	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)			1711.5	1745	1778.5		
3M	QPSK	1	0	23.58	23.61	23.68	0	24
		1	7	23.69	**23.82**	23.72	0	24
		1	14	23.48	23.75	23.66	0	24
		8	0	22.63	22.60	22.64	1	23
		8	4	22.65	22.73	22.70	1	23
		8	7	22.59	22.63	22.70	1	23
		15	0	22.57	22.60	22.65	1	23
	16QAM	1	0	22.80	22.73	22.86	1	23
		1	7	22.95	22.90	22.88	1	23
		1	14	22.78	22.83	22.86	1	23
		8	0	21.70	21.65	21.74	2	22
		8	3	21.66	21.79	21.74	2	22
		8	7	21.74	21.80	21.79	2	22
		15	0	21.80	21.73	21.74	2	22
	64QAM	1	0	21.74	21.69	21.75	2	22
		1	7	21.91	21.89	21.91	2	22
		1	14	21.81	21.91	21.85	2	22
		8	0	20.53	20.65	20.74	3	21
		8	3	20.60	20.62	20.75	3	21
		8	7	20.70	20.72	20.73	3	21
		15	0	20.72	20.65	20.68	3	21
	256QAM	1	0	18.65	18.83	18.78	5	19
		1	7	18.81	18.78	18.72	5	19
		1	14	18.80	18.83	18.72	5	19
		8	0	18.60	18.56	18.70	5	19
		8	3	18.67	18.73	18.74	5	19
		8	7	17.63	18.69	18.59	5	19
		15	0	18.69	18.72	18.58	5	19

BW	Modulation	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)			1710.7	1745	1779.3		
1.4M	QPSK	1	0	23.42	23.48	23.56	0	24
		1	2	23.63	**23.68**	23.56	0	24
		1	5	23.34	23.61	23.59	0	24
		3	0	23.47	23.43	23.36	0	24
		3	1	23.50	23.42	23.50	0	24
		3	3	23.52	23.34	23.45	0	24
		6	0	22.55	22.62	22.62	1	23
	16QAM	1	0	22.62	22.78	22.71	1	23
		1	2	22.81	22.83	22.91	1	23
		1	5	22.85	22.74	22.75	1	23
		3	0	22.45	22.56	22.51	1	23
		3	1	22.44	22.60	22.49	1	23
		3	3	22.60	22.46	22.49	1	23
		6	0	21.52	21.64	21.73	2	22
		6	1	21.77	21.70	21.75	2	22
		6	2	21.68	21.79	21.67	2	22
		1	5	21.72	21.75	21.79	2	22
		3	0	21.44	21.52	21.39	2	22
		3	1	21.50	21.58	21.63	2	22
		3	3	21.56	21.59	21.64	2	22
		6	0	20.61	20.60	20.59	3	21
	256QAM	1	0	18.59	18.72	18.67	5	19
		1	2	18.75	18.83	18.64	5	19
		1	5	18.63	18.76	18.64	5	19
		3	0	18.53	18.59	18.64	5	19
		3	1	18.57	18.70	18.66	5	19
		3	3	17.58	18.51	18.41	5	19
		6	0	18.53	18.51	18.40	5	19

LTE Band 66_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		133072	132322	132072		
		Frequency (MHz)		1728	1745	1779		
20M	QPSK	1	0	24.79	24.82	24.83	0	25.5
		1	50	24.88	**24.96**	24.92	0	25.5
		1	99	24.86	24.91	24.90	0	25.5
		50	0	23.92	23.95	23.91	1	24.5
		50	25	23.96	24.01	23.99	1	24.5
		50	50	23.91	23.96	23.94	1	24.5
		100	0	23.95	24.05	24.02	1	24.5
	16QAM	1	0	24.02	23.95	24.05	1	24.5
		1	50	24.14	24.10	24.15	1	24.5
		1	99	24.09	24.05	24.09	1	24.5
		50	0	22.95	22.96	22.95	2	23.5
		50	25	22.96	22.94	23.04	2	23.5
		50	50	22.93	22.91	22.99	2	23.5
		100	0	22.89	22.87	23.00	2	23.5
	64QAM	1	0	22.92	22.86	23.05	2	23.5
		1	50	23.13	23.09	23.11	2	23.5
		1	99	23.01	23.00	23.08	2	23.5
		50	0	21.91	21.92	21.91	3	22.5
		50	25	21.96	21.93	21.95	3	22.5
		50	50	21.92	22.00	21.99	3	22.5
		100	0	21.90	21.92	21.97	3	22.5
	256QAM	1	0	19.94	19.97	19.98	5	20.5
		1	50	20.06	20.09	20.10	5	20.5
		1	99	19.98	19.96	20.05	5	20.5
		50	0	19.91	19.94	19.95	5	20.5
		50	25	19.89	19.91	19.92	5	20.5
		50	50	19.90	19.96	19.96	5	20.5
		100	0	19.95	19.99	19.95	5	20.5

BW	Modulation	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)			1717.5	1748	1772.5		
15M	QPSK	1	0	24.67	24.70	24.82	0	25.5
		1	37	24.71	24.75	24.81	0	25.5
		1	74	24.81	24.77	**24.87**	0	25.5
		36	0	23.85	23.90	23.84	1	24.5
		36	19	23.90	23.78	23.86	1	24.5
		36	39	23.96	23.84	23.86	1	24.5
		75	0	23.86	23.98	23.91	1	24.5
		75	38	23.96	23.94	23.96	1	24.5
	16QAM	1	37	24.04	23.98	24.05	1	24.5
		1	74	24.04	24.04	24.06	1	24.5
		36	0	22.80	22.85	22.89	2	23.5
		36	19	22.88	22.79	23.00	2	23.5
		36	39	22.84	22.90	22.96	2	23.5
		75	0	22.85	22.83	22.86	2	23.5
		75	38	22.91	22.91	22.93	2	23.5
	64QAM	1	37	23.05	23.06	22.98	2	23.5
		1	74	22.89	22.95	22.97	2	23.5
		36	0	21.83	21.84	21.83	3	22.5
		36	19	21.93	21.84	21.95	3	22.5
		36	39	21.94	21.89	21.89	3	22.5
		75	0	21.88	21.73	21.85	3	22.5
	256QAM	1	0	19.87	19.88	19.83	5	20.5
		1	37	19.94	20.00	19.97	5	20.5
		1	74	19.94	19.91	19.85	5	20.5
		36	0	19.88	19.92	19.88	5	20.5
		36	19	19.77	19.83	19.92	5	20.5
		36	39	19.79	19.85	19.92	5	20.5
		75	0	19.91	19.94	19.92	5	20.5

BW	Modulation	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)			1715	1748	1777		
10M	QPSK	1	0	24.53	24.63	24.71	0	25.5
		1	24	24.57	24.69	24.72	0	25.5
		1	49	24.71	24.69	**24.85**	0	25.5
		25	0	23.70	23.79	23.83	1	24.5
		25	12	23.84	23.74	23.84	1	24.5
		25	25	23.94	23.79	23.84	1	24.5
		50	0	23.78	23.88	23.86	1	24.5
	16QAM	1	0	23.83	23.88	23.87	1	24.5
		1	24	23.94	23.94	23.85	1	24.5
		1	49	23.85	23.91	23.86	1	24.5
		25	0	22.76	22.75	22.84	2	23.5
		25	12	22.82	22.84	22.82	2	23.5
		25	25	22.80	22.83	22.89	2	23.5
		50	0	22.84	22.78	22.79	2	23.5
		50	25	22.81	22.87	22.82	2	23.5
	64QAM	1	24	22.91	22.98	22.91	2	23.5
		1	49	22.78	22.85	22.96	2	23.5
		25	0	21.71	21.78	21.79	3	22.5
		25	12	21.87	21.79	21.88	3	22.5
		25	25	21.79	21.77	21.88	3	22.5
		50	0	21.78	21.90	21.79	3	22.5
	256QAM	1	0	19.90	19.79	19.81	5	20.5
		1	24	19.80	20.01	19.95	5	20.5
		1	49	19.89	19.77	19.80	5	20.5
		25	0	19.81	19.90	19.83	5	20.5
		25	12	19.76	19.76	19.73	5	20.5
		25	25	19.90	19.79	19.78	5	20.5
		50	0	19.85	19.88	19.82	5	20.5

BW	Modulation	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)			1713.5	1748	1777.5		
5M	QPSK	1	0	24.74	24.74	24.75	0	25.5
		1	12	24.79	**24.87**	24.83	0	25.5
		1	24	24.80	24.82	24.82	0	25.5
		12	0	23.82	23.85	23.85	1	24.5
		12	6	23.89	23.96	23.84	1	24.5
		12	13	23.94	23.86	23.86	1	24.5
		25	0	23.86	23.91	23.90	1	24.5
	16QAM	1	0	23.88	24.01	23.97	1	24.5
		1	12	24.00	23.96	24.01	1	24.5
		1	24	23.94	23.95	23.94	1	24.5
		12	0	21.89	21.96	21.92	2	22.5
		12	6	22.89	22.96	22.98	2	23.5
		12	13	22.76	22.86	22.92	2	23.5
		25	0	22.84	22.84	22.87	2	23.5
		25	6	22.84	22.71	22.98	2	23.5
	64QAM	1	0	22.84	22.71	22.98	2	23.5
		1	12	23.03	23.02	23.09	2	23.5
		1	24	22.82	22.88	22.97	2	23.5
		12	0	21.86	21.85	21.84	3	22.5
		12	6	21.93	21.96	21.98	3	22.5
		12	13	21.78	21.85	21.97	3	22.5
		25	0	21.75	21.93	21.94	3	22.5
	256QAM	1	0	19.92	19.94	19.88	5	20.5
		1	12	19.93	19.97	19.97	5	20.5
		1	24	19.87	19.89	19.93	5	20.5
		12	0	19.81	19.91	19.85	5	20.5
		12	6	19.83	19.83	19.90	5	20.5
		12	13	19.72	19.82	19.92	5	20.5
		25	0	19.95	19.93	19.83	5	20.5

BW	Modulation	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)			1711.5	1748	1779.5		
3M	QPSK	1	0	24.72	24.68	24.75	0	25.5
		1	7	**24.85**	24.84	**24.85**	0	25.5
		1	14	24.76	24.74	24.76	0	25.5
		8	0	23.86	23.89	23.79	1	24.5
		8	4	23.94	23.82	23.86	1	24.5
		8	7	23.83	23.85	23.87	1	24.5
		15	0	23.89	24.02	23.99	1	24.5
	16QAM	1	0	23.98	23.96	23.98	1	24.5
		1	7	24.11	23.99	24.08	1	24.5
		1	14	24.08	24.00	23.99	1	24.5
		8	0	22.82	22.85	22.96	2	23.5
		8	3	22.91	22.81	22.94	2	23.5
		8	7	22.78	22.82	22.93	2	23.5
		15	0	22.80	22.83	22.98	2	23.5
	64QAM	1	0	22.94	22.72	22.97	2	23.5
		1	7	22.87	23.02	22.99	2	23.5
		1	14	22.89	22.95	23.00	2	23.5
		8	0	21.79	21.79	21.81	3	22.5
		8	3	21.87	21.85	21.83	3	22.5
		8	7	21.88	21.97	21.93	3	22.5
		15	0	21.74	21.84	21.84	3	22.5
	256QAM	1	0	19.88	19.96	19.95	5	20.5
		1	7	19.91	19.94	20.09	5	20.5
		1	14	19.83	19.88	19.88	5	20.5
		8	0	19.76	19.91	19.94	5	20.5
		8	3	19.82	19.87	19.88	5	20.5
		8	7	19.86	19.76	19.85	5	20.5
		15	0	19.88	19.92	19.89	5	20.5

BW	Modulation	Channel	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)			1710.7	1748	1779.3		
1.4M	QPSK	1	0	24.62	24.60	24.69	0	25.5
		1	2	24.72	**24.80**	24.76	0	25.5
		1	5	24.76	24.78	24.70	0	25.5
		3	0	24.66	24.79	24.66	0	25.5
		3	1	24.80	24.71	24.75	0	25.5
		3	3	24.78	24.76	24.70	0	25.5
		6	0	23.74	23.79	23.84	1	24.5
	16QAM	1	0	23.92	23.79	23.98	1	24.5
		1	2	23.96	23.86	23.91	1	24.5
		1	5	23.73	23.76	23.86	1	24.5
		3	0	23.76	23.72	23.78	1	24.5
		3	1	23.59	23.77	23.83	1	24.5
		3	3	23.73	23.79	23.72	1	24.5
		6	0	22.75	22.72	22.82	2	23.5
		6	1	22.82	22.85	22.92	2	23.5
		6	2	23.05	22.94	22.95	2	23.5
	64QAM	1	0	22.75	22.93	22.93	2	23.5
		1	2	22.79	22.85	22.95	2	23.5
		1	5	22.73	22.76	22.74	2	23.5
		3	0	22.74	22.85	22.74	2	23.5
		3	1	22.73	22.85	22.74	2	23.5
		3	3	22.79	22.74	22.73	2	23.5
		6	0	21.76	21.78	21.73	3	22.5
	256QAM	1	0	19.83	19.94	19.90	5	20.5
		1	2	19.95	19.98	19.95	5	20.5
		1	5	19.80	19.80	19.91	5	20.5
		3	0	19.71	19.73	19.86	5	20.5
		3	1	19.74	19.77	19.82	5	20.5
		3	3	19.79	19.85	19.77	5	20.5
		6	0	19.69	19.75	19.78	5	20.5

LTE Band 66_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		133072	132322	132072		
		Frequency (MHz)		1728	1745	1779		
20M	QPSK	1	0	24.70	24.71	24.57	0	25.5
		1	50	24.75	**24.83**	24.71	0	25.5
		1	99	24.72	24.80	24.69	0	25.5
		50	0	23.77	23.75	23.67	1	24.5
		50	25	23.74	23.82	23.74	1	24.5
		50	50	23.79	23.80	23.77	1	24.5
		100	0	23.78	23.81	23.78	1	24.5
	16QAM	1	0	23.85	23.90	23.78	1	24.5
		1	50	23.95	24.00	23.98	1	24.5
		1	99	23.90	23.95	23.96	1	24.5
		50	0	22.73	22.78	22.77	2	23.5
		50	25	22.79	22.76	22.73	2	23.5
		50	50	22.83	22.86	22.88	2	23.5
		100	0	22.72	22.73	22.72	2	23.5
	64QAM	1	0	22.93	22.95	22.93	2	23.5
		1	50	22.99	23.00	22.94	2	23.5
		1	99	22.93	22.99	22.98	2	23.5
		50	0	21.76	21.77	21.73	3	22.5
		50	25	21.76	21.79	21.74	3	22.5

LTE DSI1

LTE Band 2_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	17.17	17.22	17.22	18.5
		1	50	17.44	17.33	**17.45**	18.5
		1	99	17.43	17.22	17.39	18.5
		50	0	17.17	17.20	17.37	18.5
		50	25	17.41	17.21	17.44	18.5
		50	50	17.40	17.16	17.39	18.5
		100	0	17.39	17.25	17.42	18.5
	16QAM	1	0	17.29	17.14	17.21	18.5
		1	50	17.36	17.29	17.34	18.5
		1	99	17.30	17.35	17.33	18.5
		50	0	17.14	17.34	17.16	18.5
		50	25	17.16	17.22	17.22	18.5
		50	50	17.16	17.24	17.44	18.5
		100	0	17.17	17.43	17.14	18.5
	64QAM	1	0	17.35	17.24	17.37	18.5
		1	50	17.44	17.17	17.26	18.5
		1	99	17.31	17.31	17.17	18.5
		50	0	17.20	17.29	17.35	18.5
		50	25	17.43	17.17	17.36	18.5
		50	50	17.33	17.14	17.42	18.5
		100	0	17.22	17.30	17.40	18.5
	256QAM	1	0	17.39	17.16	17.29	18.5
		1	50	17.42	17.36	17.25	18.5
		1	99	17.25	17.26	17.41	18.5
		50	0	17.26	17.26	17.35	18.5
		50	25	17.31	17.28	17.42	18.5
		50	50	17.35	17.35	17.26	18.5
		100	0	17.20	17.16	17.20	18.5
BW	Modulation	Channel		18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	17.10	17.18	17.08	18.5
		1	37	17.41	17.18	17.37	18.5
		1	74	17.39	17.19	17.31	18.5
		36	0	17.04	17.19	17.28	18.5
		36	19	17.28	17.10	17.32	18.5
		36	39	17.40	17.12	17.31	18.5
		75	0	17.20	17.23	17.38	18.5
	16QAM	1	0	17.29	17.10	17.06	18.5
		1	37	17.22	17.27	17.23	18.5
		1	74	17.27	17.24	17.18	18.5
		36	0	17.00	17.20	17.14	18.5
		36	19	17.03	17.13	17.11	18.5
		36	39	17.09	17.16	17.39	18.5
		75	0	17.11	17.30	17.13	18.5
	64QAM	1	0	17.33	17.13	17.22	18.5
		1	37	17.33	17.17	17.11	18.5
		1	74	17.16	17.30	17.17	18.5
		36	0	17.15	17.25	17.20	18.5
		36	19	17.36	17.02	17.27	18.5
		36	39	17.23	17.11	17.35	18.5
		75	0	17.21	17.17	17.34	18.5
	256QAM	1	0	17.38	17.05	17.29	18.5
		1	37	17.28	17.35	17.16	18.5
		1	74	17.22	17.14	17.26	18.5
		36	0	17.24	17.24	17.20	18.5
		36	19	17.20	17.28	17.39	18.5
		36	39	17.31	17.33	17.21	18.5
		75	0	17.14	17.06	17.18	18.5
BW	Modulation	Channel		18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	17.05	17.14	17.10	18.5
		1	24	17.40	17.23	17.32	18.5
		1	49	17.38	17.19	17.25	18.5
		25	0	17.05	17.19	17.22	18.5
		25	12	17.33	17.21	17.40	18.5
		25	25	17.19	17.13	17.27	18.5
		50	0	17.18	17.16	17.39	18.5
	16QAM	1	0	17.25	17.00	17.20	18.5
		1	24	17.33	17.17	17.25	18.5
		1	49	17.17	17.20	17.21	18.5
		25	0	17.12	17.30	17.13	18.5
		25	12	17.04	17.18	17.12	18.5
		25	25	17.05	17.16	17.35	18.5
		50	0	17.17	17.42	17.12	18.5
	64QAM	1	0	17.30	17.20	17.25	18.5
		1	24	17.29	17.03	17.17	18.5
		1	49	17.28	17.24	17.15	18.5
		25	0	17.11	17.29	17.32	18.5
		25	12	17.28	17.07	17.26	18.5
		25	25	17.20	17.12	17.31	18.5
		50	0	17.11	17.19	17.32	18.5
	256QAM	1	0	17.37	17.14	17.29	18.5
		1	24	17.27	17.33	17.10	18.5
		1	49	17.13	17.12	17.31	18.5
		25	0	17.22	17.20	17.33	18.5
		25	12	17.30	17.14	17.41	18.5
		25	25	17.30	17.30	17.12	18.5
		50	0	17.08	17.09	17.20	18.5
BW	Modulation	Channel		18625	18900	19175	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	17.11	17.12	17.17	18.5
		1	12	17.40	17.31	17.39	18.5
		1	24	17.38	17.17	17.28	18.5
		12	0	17.07	17.15	17.37	18.5
		12	6	17.37	17.16	17.39	18.5
		12	13	17.39	17.09	17.26	18.5
		25	0	17.20	17.15	17.34	18.5
	16QAM	1	0	17.27	17.08	17.07	18.5
		1	12	17.32	17.21	17.32	18.5
		1	24	17.30	17.25	17.24	18.5
		12	0	17.10	17.29	17.03	18.5
		12	6	17.01	17.21	17.12	18.5
		12	13	17.02	17.14	17.35	18.5
		25	0	17.14	17.29	17.14	18.5
	64QAM	1	0	17.35	17.15	17.35	18.5
		1	12	17.34	17.05	17.13	18.5
		1	24	17.23	17.25	17.09	18.5
		12	0	17.16	17.18	17.35	18.5
		12	6	17.33	17.08	17.23	18.5
		12	13	17.19	17.06	17.35	18.5
		25	0	17.17	17.16	17.36	18.5
	256QAM	1	0	17.30	17.06	17.24	18.5
		1	12	17.27	17.29	17.18	18.5
		1	24	17.17	17.20	17.35	18.5
		12	0	17.24	17.20	17.20	18.5
		12	6	17.28	17.20	17.36	18.5
		12	13	17.26	17.23	17.24	18.5
		25	0	17.05	17.07	17.13	18.5
BW	Modulation	Channel		18615	18900	19185	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	17.17	17.19	17.16	18.5
		1	7	17.33	17.23	17.39	18.5
		1	14	17.36	17.12	17.28	18.5
		8	0	17.10	17.13	17.22	18.5
		8	3	17.39	17.17	17.41	18.5
		8	7	17.33	17.07	17.32	18.5
		15	0	17.23	17.17	17.28	18.5
	16QAM	1	0	17.15	17.11	17.15	18.5
		1	7	17.32	17.14	17.27	18.5
		1	14	17.19	17.35	17.19	18.5
		8	0	17.01	17.23	17.10	18.5
		8	3	17.01	17.07	17.12	18.5
		8	7	17.10	17.17	17.31	18.5
		15	0	17.07	17.30	17.11	18.5
	64QAM	1	0	17.24	17.13	17.26	18.5
		1	7	17.38	17.13	17.11	18.5
		1	14	17.31	17.18	17.04	18.5
		8	0	17.17	17.26	17.27	18.5
		8	3	17.35	17.05	17.28	18.5
		8	7	17.23	17.02	17.38	18.5
		15	0	17.10	17.22	17.39	18.5
	256QAM	1	0	17.33	17.13	17.27	18.5
		1	7	17.34	17.30	17.11	18.5
		1	14	17.21	17.22	17.27	18.5
		8	0	17.20	17.19	17.27	18.5
		8	3	17.18	17.13	17.39	18.5
		8	7	17.31	17.29	17.17	18.5
		15	0	17.10	17.13	17.19	18.5
BW	Modulation	Channel		18607	18900	19193	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	17.04	17.19	17.16	18.5
		1	2	17.35	17.21	17.30	18.5
		1	5	17.38	17.15	17.35	18.5
		3	0	17.14	17.17	17.23	18.5
		3	1	17.28	17.17	17.40	18.5
		3	3	17.27	17.14	17.34	18.5
		6	0	17.26	17.13	17.42	18.5
	16QAM	1	0	17.23	17.08	17.12	18.5
		1	2	17.35	17.16	17.31	18.5
		1	5	17.28	17.20	17.30	18.5
		3	0	17.07	17.22	17.01	18.5
		3	1	17.12	17.09	17.18	18.5
		3	3	17.02	17.22	17.29	18.5
		6	0	17.08	17.39	17.01	18.5
	64QAM	1	0	17.32	17.12	17.30	18.5
		1	2	17.36	17.12	17.15	18.5
		1	5	17.27	17.21	17.10	18.5
		3	0	17.18	17.22	17.23	18.5
		3	1	17.28	17.02	17.23	18.5
		3	3	17.19	17.10	17.35	18.5
		6	0	17.22	17.26	17.36	18.5
	256QAM	1	0	17.27	17.07	17.17	18.5
		1	2	17.36	17.32	17.11	18.5
		1	5	17.19	17.16	17.29	18.5
		3	0	17.12	17.16	17.31	18.5
		3	1	17.29	17.23	17.37	18.5
		3	3	17.30	17.35	17.14	18.5
		6	0	17.05	17.13	17.12	18.5

LTE Band 2_Ant2 For ENDC

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	15.69	15.85	15.66	17
		1	50	16.09	15.95	**16.10**	17
		1	99	15.82	15.71	15.82	17
		50	0	15.71	15.71	15.78	17
		50	25	16.01	15.76	16.03	17
		50	50	15.89	15.66	15.96	17
		100	0	15.89	15.84	16.03	17
	16QAM	1	0	15.86	15.51	15.82	17
		1	50	15.74	15.92	15.98	17
		1	99	15.83	15.90	15.87	17
		50	0	15.49	15.96	15.69	17
		50	25	15.60	15.77	15.81	17
		50	50	15.71	15.88	15.79	17
		100	0	15.76	16.06	15.70	17
	64QAM	1	0	15.75	15.84	15.75	17
		1	50	16.05	15.60	15.90	17
		1	99	15.90	15.81	15.55	17
		50	0	15.78	15.84	15.80	17
		50	25	15.99	15.61	15.74	17
		50	50	15.80	15.53	15.78	17
		100	0	15.83	15.88	15.98	17
	256QAM	1	0	15.78	15.67	15.94	17
		1	50	15.98	15.91	15.76	17
		1	99	15.78	15.80	15.84	17
		50	0	15.63	15.69	15.90	17
		50	25	15.85	15.76	15.99	17
		50	50	16.00	15.70	15.79	17
		100	0	15.64	15.60	15.68	17
BW	Modulation	Channel		18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	15.61	15.82	15.66	17
		1	37	16.03	15.95	15.97	17
		1	74	15.79	15.69	15.79	17
		36	0	15.58	15.61	15.73	17
		36	19	16.01	15.85	15.96	17
		36	39	15.85	15.63	15.89	17
		75	0	15.87	15.78	16.01	17
	16QAM	1	0	15.86	15.49	15.70	17
		1	37	15.72	15.91	15.90	17
		1	74	15.73	15.79	15.85	17
		36	0	15.47	15.95	15.68	17
		36	19	15.52	15.71	15.74	17
		36	39	15.71	15.80	15.72	17
		75	0	15.65	16.02	15.68	17
	64QAM	1	0	15.73	15.78	15.62	17
		1	37	16.02	15.57	15.82	17
		1	74	15.89	15.79	15.52	17
		36	0	15.77	15.72	15.77	17
		36	19	15.93	15.52	15.59	17
		36	39	15.79	15.58	15.73	17
		75	0	15.79	15.83	15.94	17
	256QAM	1	0	15.59	15.57	15.54	17
		1	37	15.93	15.82	15.65	17
		1	74	15.72	15.79	15.79	17
		36	0	15.60	15.65	15.80	17
		36	19	15.75	15.68	15.85	17
		36	39	15.90	15.69	15.64	17
		75	0	15.61	15.53	15.57	17
BW	Modulation	Channel		18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	15.57	15.72	15.62	17
		1	24	16.04	15.82	16.05	17
		1	49	15.71	15.66	15.69	17
		25	0	15.59	15.69	15.74	17
		25	12	15.97	15.75	16.00	17
		25	25	15.79	15.68	15.86	17
		50	0	15.84	15.69	15.94	17
	16QAM	1	0	15.77	15.49	15.73	17
		1	24	15.65	15.81	15.88	17
		1	49	15.77	15.89	15.76	17
		25	0	15.34	15.85	15.56	17
		25	12	15.46	15.72	15.68	17
		25	25	15.63	15.87	15.79	17
		50	0	15.75	15.97	15.70	17
	64QAM	1	0	15.75	15.83	15.65	17
		1	24	15.95	15.45	15.85	17
		1	49	15.86	15.76	15.42	17
		25	0	15.66	15.80	15.78	17
		25	12	15.87	15.54	15.72	17
		25	25	15.67	15.48	15.70	17
		50	0	15.82	15.79	15.86	17
	256QAM	1	0	15.62	15.55	15.64	17
		1	24	15.94	15.79	15.67	17
		1	49	15.65	15.68	15.80	17
		25	0	15.83	15.64	15.80	17
		25	12	15.74	15.61	15.95	17
		25	25	15.97	15.60	15.71	17
		50	0	15.82	15.52	15.54	17
BW	Modulation	Channel		18625	18900	19175	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	15.67	15.74	15.57	17
		1	12	16.04	15.91	16.09	17
		1	24	15.78	15.65	15.82	17
		12	0	15.65	15.60	15.74	17
		12	6	15.99	15.64	15.88	17
		12	13	15.82	15.63	15.84	17
		25	0	15.83	15.77	15.88	17
	16QAM	1	0	15.80	15.39	15.68	17
		1	12	15.60	15.92	15.89	17
		1	24	15.69	15.84	15.76	17
		12	0	15.44	15.83	15.65	17
		12	6	15.53	15.75	15.70	17
		12	13	15.61	15.83	15.66	17
		25	0	15.68	15.94	15.80	17
	64QAM	1	0	15.70	15.83	15.72	17
		1	12	16.02	15.56	15.87	17
		1	24	15.90	15.76	15.48	17
		12	0	15.69	15.72	15.76	17
		12	6	15.95	15.47	15.61	17
		12	13	15.77	15.43	15.78	17
		25	0	15.78	15.74	15.84	17
	256QAM	1	0	15.72	15.66	15.51	17
		1	12	15.85	15.89	15.72	17
		1	24	15.71	15.71	15.77	17
		12	0	15.61	15.55	15.88	17
		12	6	15.82	15.76	15.89	17
		12	13	15.97	15.62	15.71	17
		25	0	15.57	15.45	15.60	17
BW	Modulation	Channel		18615	18900	19185	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	15.68	15.81	15.51	17
		1	7	16.07	15.95	15.95	17
		1	14	15.73	15.60	15.73	17
		8	0	15.65	15.65	15.64	17
		8	3	15.87	15.64	16.03	17
		8	7	15.75	15.65	15.91	17
		15	0	15.76	15.78	16.02	17
	16QAM	1	0	15.71	15.50	15.75	17
		1	7	15.71	15.92	15.94	17
		1	14	15.70	15.77	15.73	17
		8	0	15.45	15.84	15.69	17
		8	3	15.51	15.84	15.76	17
		8	7	15.70	15.85	15.65	17
		15	0	15.74	16.00	15.60	17
	64QAM	1	0	15.73	15.76	15.66	17
		1	7	15.92	15.50	15.85	17
		1	14	15.86	15.80	15.48	17
		8	0	15.71	15.83	15.67	17
		8	3	15.94	15.61	15.71	17
		8	7	15.77	15.44	15.78	17
		15	0	15.74	15.78	15.84	17
	256QAM	1	0	15.64	15.65	15.60	17
		1	7	15.84	15.84	15.67	17
		1	14	15.72	15.78	15.70	17
		8	0	15.59	15.60	15.82	17
		8	3	15.73	15.71	15.96	17
		8	7	15.90	15.70	15.73	17
		15	0	15.59	15.53	15.55	17
BW	Modulation	Channel		18607	18900	19193	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	15.54	15.79	15.58	17
		1	2	16.07	15.82	16.09	17
		1	5	15.68	15.63	15.71	17
		3	0	15.69	15.67	15.65	17
		3	1	15.92	15.71	15.96	17
		3	3	15.81	15.63	15.85	17
		6	0	15.88	15.74	16.00	17
	16QAM	1	0	15.80	15.38	15.79	17
		1	2	15.74	15.91	15.97	17
		1	5	15.78	15.78	15.75	17
		3	0	15.35	15.83	15.62	17
		3	1	15.53	15.75	15.67	17
		3	3	15.71	15.79	15.73	17
		6	0	15.46	15.96	15.67	17
	64QAM	1	0	15.66	15.84	15.75	17
		1	2	16.04	15.54	15.80	17
		1	5	15.84	15.75	15.90	17
		3	0	15.85	15.79	15.76	17
		3	1	15.92	15.51	15.68	17
		3	3	15.78	15.46	15.75	17
		6	0	15.80	15.75	15.88	17
	256QAM	1	0	15.69	15.59	15.57	17
		1	2	15.85	15.76	15.74	17
		1	5	15.63	15.69	15.77	17
		3	0	15.53	15.65	15.78	17
		3	1	15.85	15.65	15.96	17
		3	3	15.87	15.67	15.67	17
		6	0	15.51	15.47	15.60	17

LTE Band 2_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	16.35	16.36	16.50	17.5
		1	50	**16.55**	16.54	16.51	17.5
		1	99	16.49	16.37	16.30	17.5
		50	0	16.26	16.36	16.44	17.5
		50	25	16.51	16.49	16.49	17.5
		50	50	16.25	16.38	16.35	17.5
		100	0	16.42	16.38	16.40	17.5
	16QAM	1	0	16.43	16.51	16.32	17.5
		1	50	16.49	16.54	16.24	17.5
		1	99	16.46	16.40	16.27	17.5
		50	0	16.50	16.52	16.49	17.5
		50	25	16.42	16.54	16.47	17.5
		50	50	16.27	16.29	16.44	17.5
		100	0	16.32	16.38	16.54	17.5
	64QAM	1	0	16.51	16.27	16.39	17.5
		1	50	16.49	16.52	16.49	17.5
		1	99	16.27	16.54	16.28	17.5
		50	0	16.31	16.28	16.35	17.5
		50	25	16.34	16.45	16.43	17.5
		50	50	16.34	16.40	16.45	17.5
		100	0	16.27	16.48	16.27	17.5
	256QAM	1	0	16.26	16.36	16.31	17.5
		1	50	16.39	16.47	16.50	17.5
		1	99	16.41	16.52	16.32	17.5
		50	0	16.43	16.31	16.37	17.5
		50	25	16.48	16.43	16.33	17.5
		50	50	16.53	16.26	16.29	17.5
		100	0	16.43	16.25	16.53	17.5
BW	Modulation	Channel		18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	16.32	16.31	16.50	17.5
		1	37	16.48	16.39	16.42	17.5
		1	74	16.36	16.23	16.26	17.5
		36	0	16.15	16.31	16.34	17.5
		36	19	16.44	16.41	16.38	17.5
		36	39	16.15	16.26	16.22	17.5
		75	0	16.35	16.23	16.34	17.5
	16QAM	1	0	16.41	16.48	16.32	17.5
		1	37	16.47	16.51	16.12	17.5
		1	74	16.33	16.28	16.21	17.5
		36	0	16.37	16.37	16.40	17.5
		36	19	16.33	16.48	16.47	17.5
		36	39	16.18	16.26	16.37	17.5
		75	0	16.19	16.30	16.46	17.5
	64QAM	1	0	16.37	16.21	16.25	17.5
		1	37	16.44	16.49	16.44	17.5
		1	74	16.12	16.43	16.27	17.5
		36	0	16.19	16.17	16.35	17.5
		36	19	16.30	16.33	16.31	17.5
		36	39	16.22	16.29	16.37	17.5
		75	0	16.14	16.33	16.12	17.5
	256QAM	1	0	16.17	16.34	16.24	17.5
		1	37	16.31	16.36	16.39	17.5
		1	74	16.41	16.45	16.27	17.5
		36	0	16.35	16.19	16.36	17.5
		36	19	16.33	16.43	16.29	17.5
		36	39	16.48	16.20	16.22	17.5
		75	0	16.39	16.20	16.51	17.5
BW	Modulation	Channel		18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	16.26	16.33	16.50	17.5
		1	24	16.40	16.44	16.40	17.5
		1	49	16.37	16.37	16.23	17.5
		25	0	16.22	16.27	16.29	17.5
		25	12	16.42	16.39	16.34	17.5
		25	25	16.10	16.36	16.27	17.5
		50	0	16.29	16.24	16.38	17.5
	16QAM	1	0	16.37	16.50	16.24	17.5
		1	24	16.43	16.45	16.20	17.5
		1	49	16.31	16.35	16.14	17.5
		25	0	16.47	16.38	16.34	17.5
		25	12	16.30	16.40	16.41	17.5
		25	25	16.22	16.28	16.40	17.5
		50	0	16.20	16.28	16.41	17.5
	64QAM	1	0	16.42	16.20	16.35	17

LTE DSI1

LTE Band 4_Ant0

BW	Modulation	RB Size	RB Offset	Channel			Max. Tune-up (dBm)
				Low	Mid	High	
				20050	20175	20300	
				Frequency (MHz)	1720	1732.5	1745	
20M	QPSK	1	0	23.68	23.63	23.65	24
		1	50	23.72	23.76	**23.85**	24
		1	99	23.70	23.74	23.78	24
		50	0	22.74	22.66	22.71	23
		50	25	22.83	22.78	22.85	23
		50	50	22.81	22.72	22.81	23
		100	0	22.75	22.77	22.79	23
	16QAM	1	0	22.70	22.80	22.89	23
		1	50	22.90	22.95	22.99	23
		1	99	22.90	22.93	22.84	23
		50	0	21.54	21.67	21.52	22
		50	25	21.70	21.85	21.82	22
		50	50	21.77	21.89	21.76	22
		100	0	21.73	21.83	21.71	22
	64QAM	1	0	21.46	21.62	21.65	22
		1	50	21.70	21.83	21.81	22
		1	99	21.87	21.88	21.86	22
		50	0	20.66	20.79	20.73	21
		50	25	20.76	20.86	20.77	21
		50	50	20.73	20.84	20.75	21
		100	0	20.76	20.79	20.69	21
	256QAM	1	0	18.69	18.82	18.86	19
		1	50	18.86	18.89	18.74	19
		1	99	18.69	18.83	18.68	19
		50	0	18.53	18.65	18.59	19
		50	25	18.72	18.84	18.69	19
		50	50	18.68	18.79	18.78	19
		100	0	18.73	18.75	18.63	19

BW	Modulation	Channel				Max. Tune-up (dBm)
				20025	20175	20325	
				Frequency (MHz)	1717.5	1732.5	1747.5	
15M	QPSK	1	0	23.55	23.60	23.50	24
		1	37	23.67	23.70	23.68	24
		1	74	23.61	23.60	23.63	24
		36	0	22.64	22.61	22.62	23
		36	19	22.72	22.66	22.82	23
		36	39	22.75	22.62	22.69	23
		75	0	22.61	22.73	22.75	23
	16QAM	1	0	22.61	22.68	22.77	23
		1	37	22.77	22.93	22.88	23
		1	74	22.77	22.85	22.71	23
		36	0	21.48	21.54	21.51	22
		36	19	21.55	21.80	21.80	22
		36	39	21.64	21.83	21.71	22
		75	0	21.69	21.72	21.59	22
	64QAM	1	0	21.38	21.55	21.61	22
		1	37	21.66	21.75	21.74	22
		1	74	21.86	21.87	21.71	22
		36	0	20.60	20.65	20.67	21
		36	19	20.65	20.81	20.67	21
		36	39	20.60	20.80	20.68	21
		75	0	20.64	20.69	20.68	21
	256QAM	1	0	18.66	18.67	18.82	19
		1	37	18.74	18.85	18.64	19
		1	74	18.55	18.72	18.62	19
		36	0	18.44	18.50	18.57	19
		36	19	18.61	18.71	18.63	19
		36	39	18.65	18.71	18.70	19
		75	0	18.66	18.60	18.61	19

BW	Modulation	Channel				Max. Tune-up (dBm)
				20000	20175	20350	
				Frequency (MHz)	1715	1732.5	1750	
10M	QPSK	1	0	23.58	23.49	23.54	24
		1	24	23.58	23.74	23.78	24
		1	49	23.57	23.64	23.64	24
		25	0	22.59	22.66	22.58	23
		25	12	22.73	22.68	22.82	23
		25	25	22.75	22.58	22.70	23
		50	0	22.66	22.73	22.74	23
	16QAM	1	0	22.66	22.72	22.81	23
		1	24	22.87	22.94	22.91	23
		1	49	22.85	22.80	22.74	23
		25	0	21.42	21.64	21.44	22
		25	12	21.61	21.76	21.75	22
		25	25	21.65	21.79	21.64	22
		50	0	21.70	21.73	21.62	22
	64QAM	1	0	21.41	21.47	21.51	22
		1	24	21.67	21.71	21.77	22
		1	49	21.79	21.77	21.72	22
		25	0	20.63	20.73	20.58	21
		25	12	20.66	20.79	20.70	21
		25	25	20.72	20.71	20.62	21
		50	0	20.77	20.73	20.65	21
	256QAM	1	0	18.68	18.74	18.80	19
		1	24	18.87	18.77	18.73	19
		1	49	18.54	18.69	18.50	19
		25	0	18.41	18.59	18.47	19
		25	12	18.60	18.69	18.63	19
		25	25	18.66	18.69	18.74	19
		50	0	18.71	18.67	18.52	19

BW	Modulation	Channel				Max. Tune-up (dBm)
				19975	20175	20375	
				Frequency (MHz)	1712.5	1732.5	1752.5	
5M	QPSK	1	0	23.51	23.57	23.44	24
		1	12	23.54	23.68	23.61	24
		1	24	23.61	23.56	23.61	24
		12	0	22.68	22.55	22.44	23
		12	6	22.67	22.55	22.70	23
		12	13	22.67	22.62	22.68	23
		25	0	22.59	22.60	22.67	23
	16QAM	1	0	22.62	22.69	22.68	23
		1	12	22.61	22.69	22.85	23
		1	24	22.67	22.77	22.67	23
		12	0	21.44	21.45	21.37	22
		12	6	21.47	21.79	21.66	22
		12	13	21.53	21.62	21.59	22
		25	0	21.61	21.63	21.51	22
	64QAM	1	0	21.35	21.47	21.52	22
		1	12	21.48	21.69	21.67	22
		1	24	21.70	21.69	21.77	22
		12	0	20.42	20.74	20.60	21
		12	6	20.65	20.62	20.59	21
		12	13	20.49	20.70	20.69	21
		25	0	20.55	20.67	20.59	21
	256QAM	1	0	18.45	18.66	18.68	19
		1	12	18.74	18.79	18.45	19
		1	24	18.51	18.64	18.49	19
		12	0	18.46	18.39	18.43	19
		12	6	18.53	18.77	18.60	19
		12	13	18.41	18.60	18.70	19
		25	0	18.61	18.53	18.50	19

BW	Modulation	Channel				Max. Tune-up (dBm)
				19965	20175	20385	
				Frequency (MHz)	1711.5	1732.5	1753.5	
3M	QPSK	1	0	23.64	23.55	23.62	24
		1	7	23.61	23.74	23.72	24
		1	14	23.60	23.61	23.67	24
		8	0	22.65	22.60	22.67	23
		8	3	22.75	22.65	22.79	23
		8	7	22.67	22.62	22.66	23
		15	0	22.74	22.62	22.72	23
	16QAM	1	0	22.68	22.79	22.76	23
		1	7	22.78	22.92	22.93	23
		1	14	22.76	22.89	22.69	23
		8	0	21.42	21.63	21.45	22
		8	3	21.69	21.77	21.72	22
		8	7	21.63	21.87	21.69	22
		15	0	21.70	21.74	21.59	22
	64QAM	1	0	21.34	21.48	21.52	22
		1	7	21.68	21.76	21.75	22
		1	14	21.73	21.73	21.81	22
		8	0	20.56	20.71	20.65	21
		8	3	20.74	20.83	20.62	21
		8	7	20.65	20.82	20.66	21
		15	0	20.77	20.74	20.65	21
	256QAM	1	0	18.68	18.77	18.78	19
		1	7	18.76	18.88	18.70	19
		1	14	18.54	18.79	18.61	19
		8	0	18.49	18.57	18.44	19
		8	3	18.69	18.83	18.66	19
		8	7	18.63	18.68	18.65	19
		15	0	18.70	18.65	18.55	19

BW	Modulation	Channel				Max. Tune-up (dBm)
				19957	20175	20393	
				Frequency (MHz)	1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	23.56	23.50	23.46	24
		1	2	23.56	23.57	23.60	24
		1	5	23.58	23.54	23.61	24
		3	0	23.51	23.46	23.41	24
		3	1	23.63	23.55	23.57	24
		3	3	23.55	23.38	23.60	24
		6	0	22.58	22.56	22.67	23
	16QAM	1	0	22.60	22.76	22.76	23
		1	2	22.70	22.77	22.89	23
		1	5	22.76	22.75	22.70	23
		3	0	22.35	22.40	22.42	23
		3	1	22.35	22.64	22.58	23
		3	3	22.47	22.78	22.61	23
		6	0	21.55	21.70	21.44	22
	64QAM	1	0	21.37	21.41	21.49	22
		1	2	21.55	21.57	21.73	22
		1	5	21.68	21.70	21.67	22
		3	0	21.41	21.49	21.43	22
		3	1	21.47	21.68	21.45	22
		3	3	21.62	21.60	21.56	22
		6	0	20.55	20.66	20.63	21
	256QAM	1	0	18.60	18.65	18.83	19
		1	2	18.78	18.68	18.64	19
		1	5	18.47	18.61	18.62	19
		3	0	18.32	18.51	18.36	19
		3	1	18.56	18.68	18.63	19
		3	3	18.59	18.71	18.65	19
		6	0	18.51	18.59	18.50	19

LTE Band 4_Ant2

BW	Modulation	RB Size	RB Offset	Channel			Max. Tune-up (dBm)
				Low	Mid	High	
				20050	20175	20300	
				Frequency (MHz)	1720	1732.5	1745	
20M	QPSK	1	0	17.21	17.30	17.30	18
		1	50	17.34	17.42	17.32	18
		1	99	17.22	17.24	17.18	18
		50	0	17.31	17.42	17.39	18
		50	25	17.22	17.34	17.38	18
		50	50	17.29	17.16	17.34	18
		100	0	17.35	17.36	17.31	18
	16QAM	1	0	17.35	17.12	17.42	18
		1	50	17.24	17.40	17.13	18
		1	99	17.42	17.24	17.21	18
		50	0	17.17	17.21	17.34	18
		50	25	17.40	17.39	17.27	18
		50	50	17.39	17.28	17.31	18
		100	0	17.20	17.20	17.40	18
	64QAM	1	0	17.27	17.34	17.28	18
		1	50	17.18	17.36	17.38	18
		1	99	17.36	17.36	17.33	18
		50	0	17.26	17.21	17.41	18
		50	25	17.12	17.23	17.34	18
		50	50	17.35	17.39	17.15	18
		100	0	17.24	17.24	17.24	18
	256QAM	1	0	17.17	17.12	17.16	18
		1	50	17.14	17.31	17.26	18
		1	99	17.23	17.22	17.12	18
		50	0	17.39	17.28	17.31	18
		50	25	17.27	17.42	17.34	18
		50	50	17.12	17.12	17.16	18
		100	0	17.22	17.12	17.25	18

BW	Modulation	Channel				Max. Tune-up (dBm)
				20025	20175	20325	
				Frequency (MHz)	1717.5	1732.5	1747.5	
15M	QPSK	1	0	17.19	17.27	17.25	18
		1	37	17.28	17.40	17.34	18
		1	74	17.18	17.16	17.08	18
		36	0	17.29	17.33	17.33	18
		36	19	17.09	17.31	17.37	18
		36	39	17.29	17.03	17.27	18
		75	0	17.30	17.26	17.26	18
	16QAM	1	0	17.31	16.99	17.33	18
		1	37	17.09	17.25	17.12	18
		1	74	17.37	17.23	17.06	18
		36	0	17.08	17.16	17.34	18
		36	19	17.30	17.37	17.16	18
		36	39	17.25	17.14	17.26	18
		75	0	17.18	17.36	17.36	18
	64QAM	1	0	17.13	17.31	17.17	18
		1	37	17.15	17.22	17.38	18
		1	74	17.21	17.27	17.28	18
		36	0	17.12	17.13	17.37	18
		36	19	17.04	17.14	17.30	18
		36	39	17.22	17.33	17.15	18
		75	0	17.22	17.10	17.16	18
	256QAM	1	0	17.07	17.00	17.02	18
		1	37	17.11	17.19	17.16	18
		1	74	17.09	17.17	16.97	18
		36	0	17.32	17.34	17.16	18
		36	19	17.17	17.27	17.30	18
		36	39	17.11	16.97	17.15	18
		75	0	17.13	17.01	17.19	18

BW	Modulation	Channel				Max. Tune-up (dBm)
				20000	20175	20350	
				Frequency (MHz)	1715	1732.5	1750	
10M	QPSK	1	0	17.07	17.22	17.16	18
		1	24	17.31	17.33	17.19	18
		1	49	17.21	17.15	17.08	18
		25	0	17.24	17.41	17.26	18
		25	12	17.11	17.20	17.26	18
		25	25	17.14	17.11	17.30	18
		50	0	17.28	17.17	17.18	18
	16QAM	1	0	17.25	16.98	17.32	18
		1	24	17.31	17.38	17.05	18
		1	49	17.33	17.16	17.19	18
		25	0	17.08	17.14	17.27	18
		25	12	17.39	17.35	17.12	18
		25	25	17.24	17.24	17.28	18
		50	0	17.06	17.18	17.30	18
	64QAM	1	0	17.24	17.19	17.28	18
		1	24	17.19	17.23	17.28	18
		1	49	17.28	17.37	17.30	18
		25	0	17.13	17.19	17.39	18
		25	12	17.09	17.17	17.31	18
		25	25	17.35	17.34	17.02	18
		50	0	17.13	17.15	17.13	18
	256QAM	1	0	17.02	17.04	17.13	18
		1	24	17.05	17.31	17.22	18
		1	49	17.22	17.10	17.05	18
		25	0	17.26	17.34	17.25	18
		25	12	17.16	17.30	17.19	18
		25	25	16.97	17.12	17.05	18
		50	0	17.07	16.97	17.24	18

BW	Modulation	Channel				Max. Tune-up (dBm)
				19975	20175	20375	
				Frequency (MHz)	1712.5	1732.5	1752.5	
5M	QPSK	1	0	17.15	17.28	17.20	18
		1	12	17.23	17.31	17.28	18
		1	24	17.22	17.22	17.14	18
		12	0	17.28	17.37	17.37	18
		12	6	17.10	17.28	17.23	18
		12	13	17.29	17.01	17.33	18
		25	0	17.30	17.24	17.19	18
	16QAM	1	0	17.20	17.04	17.31	18
		1	12	17.23	17.31	17.18	18
		1	24	17.33	17.24	17.11	18
		12	0	17.15	17.08	17.19	18
		12	6	17.39	17.28	17.22	18
		12	13	17.35	17.27	17.23	18
		25	0	17.09	17.19	17.30	18
	64QAM	1	0	17.20	17.26	17.24	18
		1	12	17.18	17.21	17.24	18
		1	24	17.36	17.38	17.26	18
		12	0	17.21	17.10	17.32	18
		12	6	17.11	17.22	17.28	18
		12	13	17.26	17.25	17.09	18
		25	0	17.15	17.24	17.18	18
	256QAM	1	0	17.07	17.01	17.13	18
		1	12	17.09	17.21	17.16	18
		1	24	17.23	17.22	17.04	18
		12	0	17.32	17.26	17.22	18
		12	6	17.12	17.36	17.33	18
		12	13	17.06	17.02	17.10	18
		25	0	17.17	17.05	17.19	18

BW	Modulation	Channel				Max. Tune-up (dBm)
				19965	20175	20385	
				Frequency (MHz)	1711.5	1732.5	1753.5	
3M	QPSK	1	0	16.14	17.26	17.17	18
		1	7	17.21	17.33	17.26	18
		1	14	17.15	17.11	17.04	18
		8	0	17.39	17.38	17.31	18
		8	3	17.11	17.33	17.25	18
		8	7	17.15	17.14	17.19	18
		15	0	17.25	17.28	17.23	18
	16QAM	1	0	17.27	17.06	17.38	18
		1	7	17.12	17.25	17.06	18
		1	14	17.41	17.10	17.15	18
		8	0	17.09	17.14	17.23	18
		8	3	17.34	17.25	17.12	18
		8	7	17.38	17.19	17.21	18
		15	0	17.16	17.54	17.36	18
	64QAM	1	0	17.18	17.21	17.17	18
		1	7	17.19	17.23	17.28	18
		1	14	17.32	17.30	17.22	18
		8	0	17.11	17.08	17.33	18
		8	3	17.01	17.21	17.34	18
		8	7	17.25	17.39	17.06	18
		15	0	17.15	17.22	17.12	18
	256QAM	1	0	17.15	17.00	17.15	18
		1	7	17.14	17.20	17.19	18
		1	14	17.20	17.09	17.11	18
		8	0	17.25	17.29	17.26	18
		8	3	17.13	17.27	17.26	18
		8	7	17.09	17.02	17.03	18
		15	0	17.20	17.04	17.13	18

BW	Modulation	Channel				Max. Tune-up (dBm)
				19957	20175	20393	
				Frequency (MHz)	1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	17.14	17.28	17.15	18
		1	2	17.33	17.36	17.31	18
		1	5	17.12	17.11	17.10	18
		3	0	17.30	17.32	17.28	18
		3	1	17.19	17.26	17.38	18
		3	3	17.25	17.04	17.23	18
		6	0	17.23	17.36	17.16	18
	16QAM	1	0	17.27	17.25	17.25	18
		1	2	17.19	17.25	17.12	18
		1	5	17.27	17.14	17.19	18
		3	0	17.07	17.08	17.13	18
		3	1	17.37	17.27	17.13	18
		3	3	17.36	17.18	17.20	18
		6	0	17.21	17.44	17.22	18
	64QAM	1	0	17.13	17.32	17.20	18
		1	2	17.28	17.33	17.28	18
		1	5	17.33	17.16	17.25	18
		3	0	17.17	17.09	17.29	18
		3	1	17.02	17.17	17.29	18
		3	3	17.25	17.09	17.09	18
		6	0	17.24	17.22	17.11	18
	256QAM	1	0	17.17	17.06	17.16	18
		1	2	17.08	17.26	17.25	18
		1	5	17.14	17.21	17.01	18
		3	0	17.26	17.36	17.25	18
		3	1	17.19	17.42	17.24	18
		3	3	17.07	16.98	17.09	18
		6	0	17.09	17.01	17.11	18

LTE Band 4_Ant3

BW	Modulation	RB Size	RB Offset	Channel			Max. Tune-up (dBm)
				Low	Mid	High	
				20050	20175	20300	
				Frequency (MHz)	1720	1732.5	1745	
20M	QPSK	1	0	16.19	16.21	16.12	17
		1	50	16.33	16.24	16.24	17
		1	99	16.12	16.08	16.22	17
		50	0	16.24	16.22	16.29	17
		50	25	16.09	16.20	16.03	17
		50	50	16.31	16.23	16.30	17
		100	0	16.21	16.02	16.05	17
	16QAM	1	0	16.12	16.39	16.09	17
		1	50	16.04	16.21	16.22	17
		1	99	16.29	16.14	16.08	17
		50	0	16.21	16.29	16.15	17
		50	25	16.05	16.34	16.24	17
		50	50	16.05	16.18	16.04	17
		100	0	16.13	16.29	16.31	17
	64QAM	1	0	16.18	16.09	16.08	17
		1	50	16.18	16.24	16.09	17
		1	99	16.16	16.31	16.15	17
		50	0	16.25	16.34	16.32	17
		50	25	16.04	16.28	16.22	17
		50	50	16.30	16.19	16.16	17
		100	0	16.08	16.19	16.10	17
	256QAM	1	0	16.28	16.17	16.04	17
		1	50	16.22	16.07	16.07	17
		1	99	16.18	16.18	16.22	17
		50	0	16.32	16.28	16.09	17
		50	25	16.16	16.16	16.16	17
		50	50	16.28	16.32	16.32	17
		100	0	16.24	16.15	16.19	17

BW	Modulation	Channel				Max. Tune-up (dBm)
				20025	20175	20325	
				Frequency (MHz)	1717.5	1732.5	1747.5	
15M	QPSK	1	0	16.14	16.18	16.04	17
		1	37	16.26	16.13	16.16	17
		1	74	16.11	15.95	16.20	17
		36	0	16.09	16.09	16.14	17
		36	19	16.06	16.10	16.12	17
		36	39	16.25	16.23	16.21	17
		75	0	16.09	15.99	15.98	17
	16QAM	1	0	16.11	16.18	16.08	17
		1	37	16.03	16.14	16.12	17
		1	74	16.17	16.03	16.04	17
		36	0	16.11	16.26	16.04	17
		36	19	16.04	16.12	16.17	17
		36	39	16.03	16.03	15.93	17
		75	0	16.08	16.24	16.02	17
	64QAM	1	0	16.13	16.00	16.04	17
		1	37	16.15	16.15	15.97	17
		1	74	16.16	16.31	16.03	17
		36	0	16.12	16.16	16.27	17
		36	19	16.02	16.17	16.22	17
		36	39	16.24	16.16	16.06	17
		75	0	16.03	16.11	16.02	17
	256QAM	1	0	16.26	16.15	15.92	17
		1	37	16.08	16.05	16.03	17
		1	74	16.08	16.11	16.11	17
		36	0	16.17	16.15	15.97	17
		36	19	16.09	16.11	16.02	17
		36	39	16.20	16.21	16.25	17
		75	0	16.24	16.11	16.08	17

BW	Modulation	Channel				Max. Tune-up (dBm)
				20000	20175	20350	
				Frequency (MHz)	1715	1732.5	1750	
10M	QPSK	1	0	16.13	16.17	15.99	17
		1	24	16.22	16.13	16.22	17
		1	49	16.05	16.06	16.21	17
		25	0	16.17	16.07	16.28	17
		25	12	15.98	16.10	15.99	17
		25	25	16.21	16.13	16.15	17
		50	0	16.12	15.94	15.98	17
	16QAM	1	0	15.98	16.10	15.95	17
		1	24	15.89	16.12	16.19	17
		1	49	16.25	16.04	16.07	17
		25	0	16.06	16.28	16.04	17
		25	12	15.97	16.13	16.20	17
		25	25	16.01	16.07	15.92	17
		50	0	16.04	16.22	16.27	17
	64QAM	1	0	16.04	16.04	15.95	17
		1	24	16.04	16.19	16.05	17
		1	49	16.06	16.30	16.08	17
		25	0	16.20	16.06	16.05	17

LTE DSI1

LTE Band 5_Ant0							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	24.55	24.59	24.56	25.5
		1	24	24.69	**24.75**	24.60	25.5
		1	49	24.29	24.38	24.31	25.5
		25	0	23.57	23.61	23.54	24.5
		25	12	23.67	23.73	23.71	24.5
		25	25	23.48	23.66	23.56	24.5
		50	0	23.46	23.57	23.52	24.5
	16QAM	1	0	24.02	23.97	23.92	24.5
		1	24	23.95	24.08	23.96	24.5
		1	49	23.98	23.91	23.80	24.5
		25	0	22.63	22.68	22.59	23.5
		25	12	22.73	22.75	22.76	23.5
		25	25	22.45	22.62	22.65	23.5
		50	0	22.57	22.57	22.58	23.5
	64QAM	1	0	22.69	22.74	22.67	23.5
		1	24	22.73	22.81	22.62	23.5
		1	49	22.72	22.80	22.59	23.5
		25	0	21.38	21.55	21.51	22.5
		25	12	21.52	21.76	21.56	22.5
		25	25	21.52	21.50	21.47	22.5
		50	0	21.58	21.67	21.52	22.5
	256QAM	1	0	19.41	19.57	19.37	20.5
		1	24	19.72	19.62	19.61	20.5
		1	49	19.62	19.77	19.69	20.5
		25	0	19.38	19.55	19.48	20.5
		25	12	19.51	19.68	19.61	20.5
		25	25	19.37	19.59	19.38	20.5
		50	0	19.60	19.75	19.54	20.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	24.40	24.55	24.45	25.5
		1	12	24.61	24.68	24.55	25.5
		1	24	24.20	24.34	24.28	25.5
		12	0	23.52	23.57	23.53	24.5
		12	6	23.60	23.65	23.70	24.5
		12	13	23.35	23.56	23.51	24.5
		25	0	23.36	23.39	23.50	24.5
	16QAM	1	0	23.95	23.95	23.80	24.5
		1	12	23.87	24.01	23.82	24.5
		1	24	23.97	23.80	23.78	24.5
		12	0	22.62	22.67	22.54	23.5
		12	6	22.61	22.70	22.68	23.5
		12	13	22.33	22.60	22.54	23.5
		25	0	22.43	22.48	22.47	23.5
	64QAM	1	0	22.63	22.71	22.66	23.5
		1	12	22.69	22.73	22.60	23.5
		1	24	22.57	22.68	22.50	23.5
		12	0	21.35	21.54	21.45	22.5
		12	6	21.50	21.74	21.47	22.5
		12	13	21.50	21.35	21.37	22.5
		25	0	21.45	21.63	21.44	22.5
	256QAM	1	0	19.38	19.50	19.27	20.5
		1	12	19.63	19.61	19.52	20.5
		1	24	19.58	19.73	19.66	20.5
		12	0	19.26	19.45	19.43	20.5
		12	6	19.49	19.55	19.57	20.5
		12	13	19.35	19.45	19.36	20.5
		25	0	19.50	19.64	19.47	20.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	24.53	24.56	24.50	25.5
		1	7	24.62	24.64	24.53	25.5
		1	14	24.19	24.34	24.20	25.5
		8	0	23.43	23.46	23.53	24.5
		8	3	23.64	23.59	23.56	24.5
		8	7	23.33	23.57	23.50	24.5
		15	0	23.32	23.41	23.48	24.5
	16QAM	1	0	23.98	23.88	23.85	24.5
		1	7	23.89	23.98	23.92	24.5
		1	14	23.92	23.89	23.67	24.5
		8	0	22.59	22.56	22.58	23.5
		8	3	22.71	22.74	22.65	23.5
		8	7	22.40	22.48	22.57	23.5
		15	0	22.45	22.47	22.47	23.5
	64QAM	1	0	22.62	22.73	22.60	23.5
		1	7	22.70	22.73	22.55	23.5
		1	14	22.58	22.77	22.53	23.5
		8	0	21.29	21.48	21.36	22.5
		8	3	21.51	21.73	21.41	22.5
		8	7	21.43	21.42	21.34	22.5
		15	0	21.43	21.54	21.41	22.5
	256QAM	1	0	19.39	19.47	19.22	20.5
		1	7	19.57	19.61	19.57	20.5
		1	14	19.58	19.65	19.62	20.5
		8	0	19.33	19.45	19.38	20.5
		8	3	19.46	19.66	19.50	20.5
		8	7	19.36	19.51	19.36	20.5
		15	0	19.47	19.60	19.52	20.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	24.43	24.50	24.49	25.5
		1	2	24.61	24.60	24.58	25.5
		1	5	24.15	24.33	24.25	25.5
		3	0	24.29	24.31	24.30	25.5
		3	1	24.32	24.50	24.41	25.5
		3	3	24.16	24.43	24.33	25.5
		6	0	23.38	23.46	23.52	24.5
	16QAM	1	0	23.95	23.86	23.89	24.5
		1	2	23.87	23.93	23.87	24.5
		1	5	23.89	23.76	23.78	24.5
		3	0	23.36	23.35	23.24	24.5
		3	1	23.38	23.52	23.41	24.5
		3	3	23.19	23.29	23.36	24.5
		6	0	22.49	22.43	22.45	23.5
	64QAM	1	0	22.55	22.65	22.66	23.5
		1	2	22.59	22.69	22.58	23.5
		1	5	22.62	22.72	22.46	23.5
		3	0	22.05	22.26	22.19	23.5
		3	1	22.30	22.44	22.33	23.5
		3	3	22.25	22.18	22.24	23.5
		6	0	21.50	21.65	21.39	22.5
	256QAM	1	0	19.37	19.43	19.29	20.5
		1	2	19.62	19.50	19.48	20.5
		1	5	19.59	19.63	19.54	20.5
		3	0	19.23	19.49	19.43	20.5
		3	1	19.44	19.59	19.51	20.5
		3	3	19.26	19.56	19.34	20.5
		6	0	19.56	19.69	19.52	20.5

LTE Band 5_Ant1							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	19.82	19.85	19.78	21
		1	24	**19.95**	19.87	19.83	21
		1	49	19.70	19.68	19.76	21
		25	0	19.73	19.71	19.72	21
		25	12	19.90	19.79	19.86	21
		25	25	19.67	19.74	19.82	21
		50	0	19.89	19.78	19.54	21
	16QAM	1	0	19.56	19.82	19.73	21
		1	24	19.56	19.74	19.62	21
		1	49	19.76	19.60	19.66	21
		25	0	19.67	19.56	19.78	21
		25	12	19.71	19.57	19.60	21
		25	25	19.68	19.53	19.60	21
		50	0	19.70	19.63	19.65	21
	64QAM	1	0	19.77	19.64	19.51	21
		1	24	19.55	19.64	19.79	21
		1	49	19.68	19.68	19.68	21
		25	0	19.61	19.43	19.54	21
		25	12	19.68	19.78	19.64	21
		25	25	19.71	19.79	19.78	21
		50	0	19.74	19.54	19.62	21
	256QAM	1	0	19.85	19.54	19.64	21
		1	24	19.76	19.60	19.51	21
		1	49	19.72	19.73	19.55	21
		25	0	19.87	19.63	19.44	21
		25	12	19.55	19.60	19.58	21
		25	25	19.76	19.49	19.50	21
		50	0	19.73	19.62	19.80	21
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	19.73	19.74	19.72	21
		1	12	19.83	19.77	19.80	21
		1	24	19.59	19.61	19.72	21
		12	0	19.71	19.58	19.69	21
		12	6	19.77	19.70	19.81	21
		12	13	19.66	19.60	19.78	21
		25	0	19.88	19.73	19.51	21
	16QAM	1	0	19.55	19.74	19.62	21
		1	12	19.47	19.69	19.47	21
		1	24	19.67	19.47	19.64	21
		12	0	19.66	19.41	19.74	21
		12	6	19.57	19.47	19.51	21
		12	13	19.58	19.46	19.47	21
		25	0	19.60	19.56	19.51	21
	64QAM	1	0	19.71	19.51	19.50	21
		1	12	19.49	19.51	19.68	21
		1	24	19.58	19.61	19.63	21
		12	0	19.60	19.37	19.44	21
		12	6	19.60	19.63	19.57	21
		12	13	19.67	19.67	19.71	21
		25	0	19.65	19.52	19.58	21
	256QAM	1	0	19.78	19.51	19.50	21
		1	12	19.62	19.49	19.43	21
		1	24	19.70	19.68	19.43	21
		12	0	19.73	19.57	19.36	21
		12	6	19.41	19.52	19.48	21
		12	13	19.65	19.39	19.41	21
		25	0	19.62	19.48	19.69	21
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	19.76	19.77	19.65	21
		1	7	19.94	19.81	19.79	21
		1	14	19.56	19.61	19.68	21
		8	0	19.71	19.69	19.59	21
		8	3	19.89	19.70	19.74	21
		8	7	19.58	19.66	19.80	21
		15	0	19.83	19.74	19.53	21
	16QAM	1	0	19.54	19.71	19.58	21
		1	7	19.46	19.69	19.58	21
		1	14	19.67	19.58	19.62	21
		8	0	19.53	19.49	19.67	21
		8	3	19.62	19.55	19.55	21
		8	7	19.55	19.48	19.58	21
		15	0	19.63	19.55	19.54	21
	64QAM	1	0	19.72	19.60	19.40	21
		1	7	19.42	19.49	19.73	21
		1	14	19.61	19.54	19.60	21
		8	0	19.50	19.31	19.46	21
		8	3	19.57	19.74	19.59	21
		8	7	19.61	19.71	19.69	21
		15	0	19.62	19.48	19.50	21
	256QAM	1	0	19.71	19.50	19.59	21
		1	7	19.71	19.45	19.46	21
		1	14	19.71	19.72	19.45	21
		8	0	19.78	19.57	19.32	21
		8	3	19.41	19.54	19.54	21
		8	7	19.68	19.48	19.43	21
		15	0	19.71	19.53	19.66	21
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	19.77	19.71	19.66	21
		1	2	19.89	19.77	19.81	21
		1	5	19.66	19.60	19.74	21
		3	0	19.62	19.68	19.69	21
		3	1	19.81	19.71	19.85	21
		3	3	19.55	19.64	19.72	21
		6	0	19.79	19.76	19.39	21
	16QAM	1	0	19.46	19.75	19.67	21
		1	2	19.55	19.66	19.50	21
		1	5	19.62	19.53	19.62	21
		3	0	19.56	19.42	19.74	21
		3	1	19.57	19.50	19.52	21
		3	3	19.67	19.52	19.54	21
		6	0	19.58	19.53	19.52	21
	64QAM	1	0	19.74	19.58	19.45	21
		1	2	19.43	19.52	19.77	21
		1	5	19.67	19.58	19.59	21
		3	0	19.58	19.28	19.46	21
		3	1	19.54	19.76	19.50	21
		3	3	19.59	19.75	19.76	21
		6	0	19.70	19.42	19.55	21
	256QAM	1	0	19.77	19.47	19.62	21
		1	2	19.74	19.59	19.49	21
		1	5	19.65	19.67	19.43	21
		3	0	19.74	19.59	19.42	21
		3	1	19.47	19.59	19.45	21
		3	3	19.62	19.41	19.44	21
		6	0	19.63	19.60	19.73	21

LTE Band 5_Ant1 For DSDA							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	16.81	16.84	16.85	18
		1	24	**16.93**	16.85	16.87	18
		1	49	16.68	16.76	16.81	18
		25	0	16.91	16.78	16.89	18
		25	12	16.82	16.77	16.84	18
		25	25	16.73	16.71	16.81	18
		50	0	16.84	16.82	16.61	18
	16QAM	1	0	16.91	16.85	16.85	18
		1	24	16.87	16.86	16.85	18
		1	49	16.75	16.71	16.74	18
		25	0	16.78	16.78	16.77	18
		25	12	16.89	16.84	16.84	18
		25	25	16.69	16.71	16.84	18
		50	0	16.86	16.80	16.56	18
	64QAM	1	0	16.64	16.86	16.79	18
		1	24	16.63	16.83	16.68	18
		1	49	16.75	16.59	16.65	18
		25	0	16.74	16.57	16.79	18
		25	12	16.77	16.65	16.55	18
		25	25	16.65	16.55	16.56	18
		50	0	16.69	16.62	16.65	18
	256QAM	1	0	16.83	16.51	16.68	18
		1	24	16.73	16.57	16.59	18
		1	49	16.75	16.72	16.52	18
		25	0	16.91	16.68	16.44	18
		25	12	16.64	16.56	16.65	18
		25	25	16.77	16.47	16.52	18
		50	0	16.79	16.58	16.77	18
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	16.74	16.82	16.74	18
		1	12	16.81	16.73	16.78	18
		1	24	16.59	16.65	16.74	18
		12	0	16.78	16.75	16.87	18
		12	6	16.75	16.66	16.76	18
		12	13	16.72	16.61	16.67	18
		25	0	16.77	16.80	16.50	18
	16QAM	1	0	16.80	16.69	16.76	18
		1	12	16.79	16.77	16.76	18
		1	24	16.64	16.68	16.71	18
		12	0	16.87	16.69	16.83	18
		12	6	16.67	16.62	16.83	18
		12	13	16.71	16.61	16.73	18
		25	0	16.80	16.74	16.56	18
	64QAM	1	0	16.83	16.84	16.74	18
		1	12	16.72	16.75	16.84	18
		1	24	16.60	16.65	16.66	18
		12	0	16.75	16.75	16.67	18
		12	6	16.87	16.81	16.78	18
		12	13	16.66	16.69	16.82	18
		25	0	16.84	16.74	16.45	18
	256QAM	1	0	16.68	16.47	16.67	18
		1	12	16.66	16.56	16.55	18
		1	24	16.66	16.63	16.40	18
		12	0	16.89	16.59	16.43	18
		12	6	16.58	16.51	16.59	18
		12	13	16.67	16.41	16.50	18
		25	0	16.68	16.47	16.69	18
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	16.78	16.73	16.76	18
		1	7	16.80	16.81	16.86	18
		1	14	16.53	16.69	16.67	18
		8	0	16.80	16.68	16.79	18
		8	3	16.78	16.76	16.69	18
		8	7	16.66	16.58	16.68	18
		15	0	16.78	16.75	16.52	18
	16QAM	1	0	16.77	16.76	16.74	18
		1	7	16.92	16.75	16.84	18
		1	14	16.55	16.71	16.68	18
		8	0	16.82	16.72	16.77	18
		8	3	16.77	16.64	16.71	18
		8	7	16.67	16.63	16.78	18
		15	0	16.76	16.69	16.55	18
	64QAM	1	0	16.89	16.74	16.70	18
		1	7	16.75	16.77	16.71	18
		1	14	16.72	16.59	16.67	18
		8	0	16.74	16.74	16.65	18
		8	3	16.82	16.78	16.73	18
		8	7	16.57	16.64	16.71	18
		15	0	16.80	16.76	16.44	18
	256QAM	1	0	16.68	16.39	16.55	18
		1	7	16.59	16.56	16.47	18
		1	14	16.68	16.60	16.46	18
		8	0	16.76	16.57	16.37	18
		8	3	16.53	16.53	16.56	18
		8	7	16.62	16.34	16.42	18
		15	0	16.73	16.44	16.71	18
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	16.74	16.81	16.70	18
		1	2	16.80	16.73	16.77	18
		1	5	16.54	16.64	16.74	18
		3	0	16.80	16.65	16.80	18
		3	1	16.76	16.73	16.73	18
		3	3	16.68	16.57	16.76	18
		6	0	16.81	16.72	16.46	18
	16QAM	1	0	16.80	16.71	16.80	18
		1	2	16.83	16.81	16.86	18
		1	5	16.53	16.73	16.73	18
		3	0	16.79	16.71	16.80	18
		3	1	16.81	16.63	16.74	18
		3	3	16.68	16.66	16.77	18
		6	0	16.72	16.77	16.53	18
	64QAM	1	0	16.85	16.75	16.82	18
		1	2	16.74	16.71	16.78	18
		1	5	16.61	16.58	16.72	18
		3	0	16.76	16.72	16.73	18
		3	1	16.85	16.78	16.77	18
		3	3	16.68	16.59	16.80	18
		6	0	16.74	16.73	16.49	18
	256QAM	1	0	16.74	16.41	16.58	18
		1	2	16.70	16.51	16.58	18
		1	5	16.61	16.58	16.45	18
		3	0	16.90	16.61	16.43	18
		3	1	16.60	16.51	16.63	18
		3	3	16.65	16.41	16.44	18
		6	0	16.68	16.56	16.66	18

LTE DSI1

LTE Band 7_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	23.78	23.81	**23.87**	24
		1	50	23.75	23.78	23.65	24
		1	99	23.72	23.64	23.62	24
		50	0	22.79	22.81	22.84	23
		50	25	22.77	22.74	22.60	23
		50	50	22.76	22.70	22.44	23
		100	0	22.70	22.68	22.72	23
	16QAM	1	0	22.87	22.77	22.90	23
		1	50	22.72	22.70	22.75	23
		1	99	22.53	22.41	22.55	23
		50	0	21.82	21.85	21.95	22
		50	25	21.98	21.94	21.86	22
		50	50	21.81	21.86	21.91	22
		100	0	21.89	21.90	21.88	22
	64QAM	1	0	21.87	21.90	21.95	22
		1	50	21.85	21.97	21.92	22
		1	99	21.87	21.91	22.00	22
		50	0	20.96	20.84	20.98	21
		50	25	20.95	20.88	20.93	21
		50	50	20.76	20.87	20.91	21
		100	0	20.82	20.82	20.94	21
	256QAM	1	0	18.89	18.89	18.94	19
		1	50	18.93	18.95	18.96	19
		1	99	18.87	18.93	18.96	19
		50	0	18.86	18.91	18.97	19
		50	25	18.73	18.82	18.85	19
		50	50	18.68	18.77	18.82	19
		100	0	18.90	18.89	18.92	19
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	23.74	23.66	23.84	24
		1	37	23.65	23.72	23.64	24
		1	74	23.58	23.58	23.51	24
		36	0	22.68	22.73	22.81	23
		36	19	22.72	22.63	22.55	23
		36	39	22.63	22.60	22.43	23
		75	0	22.61	22.57	22.63	23
	16QAM	1	0	22.79	22.62	22.81	23
		1	37	22.66	22.61	22.61	23
		1	74	22.42	22.27	22.44	23
		36	0	21.70	21.72	21.81	22
		36	19	21.89	21.80	21.72	22
		36	39	21.68	21.82	21.86	22
		75	0	21.88	21.80	21.84	22
	64QAM	1	0	21.75	21.81	21.92	22
		1	37	21.84	21.85	21.80	22
		1	74	21.80	21.87	21.94	22
		36	0	20.83	20.71	20.94	21
		36	19	20.88	20.77	20.81	21
		36	39	20.70	20.82	20.84	21
		75	0	20.71	20.74	20.89	21
	256QAM	1	0	18.78	18.79	18.83	19
		1	37	18.87	18.89	18.95	19
		1	74	18.78	18.90	18.93	19
		36	0	18.74	18.78	18.88	19
		36	19	18.65	18.81	18.76	19
		36	39	18.64	18.69	18.69	19
		75	0	18.78	18.81	18.78	19
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	23.76	23.68	23.74	24
		1	24	23.65	23.63	23.61	24
		1	49	23.63	23.49	23.58	24
		25	0	22.69	22.76	22.82	23
		25	12	22.73	22.69	22.45	23
		25	25	22.74	22.66	22.40	23
		50	0	22.58	22.58	22.64	23
	16QAM	1	0	22.74	22.75	22.89	23
		1	24	22.60	22.66	22.65	23
		1	49	22.46	22.33	22.45	23
		25	0	21.76	21.81	21.91	22
		25	12	21.92	21.83	21.72	22
		25	25	21.72	21.80	21.82	22
		50	0	21.81	21.82	21.77	22
	64QAM	1	0	21.74	21.79	21.94	22
		1	24	21.81	21.85	21.86	22
		1	49	21.82	21.89	21.87	22
		25	0	20.87	20.80	20.91	21
		25	12	20.83	20.76	20.90	21
		25	25	20.70	20.77	20.79	21
		50	0	20.75	20.67	20.80	21
	256QAM	1	0	18.83	18.81	18.79	19
		1	24	18.89	18.91	18.92	19
		1	49	18.80	18.81	18.95	19
		25	0	18.82	18.84	18.92	19
		25	12	18.70	18.77	18.74	19
		25	25	18.63	18.66	18.67	19
		50	0	18.83	18.79	18.82	19
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	23.63	23.68	23.72	24
		1	12	23.61	23.77	23.57	24
		1	24	23.66	23.57	23.51	24
		12	0	22.65	22.79	22.72	23
		12	6	22.74	22.64	22.51	23
		12	13	22.69	22.66	22.39	23
		25	0	22.66	22.60	22.66	23
	16QAM	1	0	22.76	22.74	22.83	23
		1	12	22.59	22.60	22.63	23
		1	24	22.43	22.27	22.41	23
		12	0	21.69	21.74	21.91	22
		12	6	21.94	21.90	21.76	22
		12	13	21.75	21.84	21.79	22
		25	0	21.88	21.84	21.79	22
	64QAM	1	0	21.82	21.77	21.80	22
		1	12	21.83	21.82	21.86	22
		1	24	21.82	21.82	21.93	22
		12	0	20.81	20.83	20.86	21
		12	6	20.85	20.82	20.87	21
		12	13	20.71	20.76	20.86	21
		25	0	20.76	20.78	20.88	21
	256QAM	1	0	18.78	18.81	18.90	19
		1	12	18.82	18.91	18.85	19
		1	24	18.74	18.84	18.89	19
		12	0	18.71	18.77	18.95	19
		12	6	18.70	18.74	18.78	19
		12	13	18.53	18.63	18.71	19
		25	0	18.79	18.77	18.80	19

LTE Band 7_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	15.19	**15.26**	15.17	16
		1	50	15.14	15.18	15.12	16
		1	99	15.06	15.04	15.13	16
		50	0	15.09	15.17	15.15	16
		50	25	15.03	15.03	15.13	16
		50	50	15.04	14.98	15.11	16
		100	0	15.21	15.24	14.98	16
	16QAM	1	0	14.81	15.13	15.03	16
		1	50	14.86	15.05	14.93	16
		1	99	15.06	14.89	14.96	16
		50	0	14.92	14.85	15.12	16
		50	25	14.99	14.84	14.97	16
		50	50	14.95	14.88	14.88	16
		100	0	14.93	14.98	14.92	16
	64QAM	1	0	15.01	14.99	14.78	16
		1	50	14.87	14.99	15.14	16
		1	99	15.00	14.91	15.04	16
		50	0	14.95	14.78	14.87	16
		50	25	14.96	15.14	14.89	16
		50	50	15.03	15.08	15.06	16
		100	0	15.03	14.82	14.93	16
	256QAM	1	0	15.12	14.79	14.94	16
		1	50	15.04	14.96	14.78	16
		1	99	15.03	14.98	14.80	16
		50	0	15.10	14.86	14.81	16
		50	25	14.87	14.93	14.83	16
		50	50	15.00	14.80	14.85	16
		100	0	15.02	14.90	15.12	16
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	15.17	15.20	15.05	16
		1	37	15.10	15.09	15.06	16
		1	74	14.95	15.03	15.06	16
		36	0	14.96	15.09	15.03	16
		36	19	14.90	14.97	15.10	16
		36	39	14.92	14.86	15.01	16
		75	0	15.06	15.10	14.85	16
	16QAM	1	0	14.72	15.07	14.89	16
		1	37	14.78	14.94	14.78	16
		1	74	14.96	14.79	14.94	16
		36	0	14.77	14.74	14.99	16
		36	19	14.86	14.81	14.94	16
		36	39	14.83	14.74	14.86	16
		75	0	14.81	14.90	14.86	16
	64QAM	1	0	14.88	14.87	14.69	16
		1	37	14.79	14.97	14.99	16
		1	74	14.98	14.77	15.03	16
		36	0	14.89	14.65	14.85	16
		36	19	14.88	15.02	14.88	16
		36	39	14.90	14.98	14.94	16
		75	0	14.88	14.69	14.91	16
	256QAM	1	0	14.97	14.76	14.93	16
		1	37	14.95	14.92	14.68	16
		1	74	15.02	14.88	14.65	16
		36	0	14.98	14.79	14.69	16
		36	19	14.78	14.85	14.78	16
		36	39	14.90	14.72	14.73	16
		75	0	14.98	14.89	15.10	16
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	15.06	15.12	15.15	16
		1	24	15.09	15.13	15.02	16
		1	49	14.97	14.93	15.04	16
		25	0	15.03	15.06	15.00	16
		25	12	14.95	14.92	15.12	16
		25	25	14.92	14.92	14.97	16
		50	0	15.12	15.17	14.93	16
	16QAM	1	0	14.71	15.06	14.93	16
		1	24	14.83	15.04	14.87	16
		1	49	15.03	14.84	14.94	16
		25	0	14.82	14.73	15.00	16
		25	12	14.95	14.78	14.85	16
		25	25	14.88	14.75	14.87	16
		50	0	14.87	14.96	14.77	16
	64QAM	1	0	14.99	14.90	14.66	16
		1	24	14.82	14.84	15.01	16
		1	49	14.94	14.80	15.03	16
		25	0	14.84	14.67	14.74	16
		25	12	14.87	15.09	14.77	16
		25	25	14.88	15.06	14.94	16
		50	0	14.92	14.75	14.81	16
	256QAM	1	0	15.06	14.69	14.86	16
		1	24	15.00	14.85	14.68	16
		1	49	14.97	14.86	14.70	16
		25	0	14.95	14.79	14.79	16
		25	12	14.79	14.81	14.77	16
		25	25	14.94	14.67	14.74	16
		50	0	14.87	14.89	15.10	16
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	15.12	15.21	15.10	16
		1	12	15.07	15.07	15.09	16
		1	24	14.97	15.03	15.04	16
		12	0	15.03	15.06	15.01	16
		12	6	14.88	14.97	15.12	16
		12	13	14.95	14.85	15.05	16
		25	0	15.18	15.11	14.96	16
	16QAM	1	0	14.68	15.08	14.98	16
		1	12	14.74	14.92	14.87	16
		1	24	14.99	14.81	14.89	16
		12	0	14.89	14.82	15.01	16
		12	6	14.89	14.73	14.87	16
		12	13	14.81	14.73	14.76	16
		25	0	14.80	14.97	14.85	16
	64QAM	1	0	14.98	14.87	14.69	16
		1	12	14.72	14.91	15.10	16
		1	24	14.97	14.85	14.93	16
		12	0	14.80	14.77	14.78	16
		12	6	14.81	15.03	14.78	16
		12	13	15.02	15.06	14.91	16
		25	0	15.01	14.74	14.80	16
	256QAM	1	0	15.05	14.75	14.84	16
		1	12	14.96	14.92	14.64	16
		1	24	14.88	14.96	14.73	16
		12	0	15.09	14.73	14.79	16
		12	6	14.75	14.86	14.71	16
		12	13	14.86	14.73	14.83	16
		25	0	14.99	14.79	15.08	16

LTE Band 7_Ant2 For DSDA

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	12.71	**12.81**	12.67	13.5
		1	50	12.61	12.74	12.65	13.5
		1	99	12.55	12.48	12.62	13.5
		50	0	12.61	12.65	12.62	13.5
		50	25	12.56	12.55	12.58	13.5
		50	50	12.59	12.51	12.57	13.5
		100	0	12.73	12.79	12.50	13.5
	16QAM	1	0	12.77	12.77	12.64	13.5
		1	50	12.72	12.74	12.57	13.5
		1	99	12.51	12.53	12.58	13.5
		50	0	12.60	12.75	12.61	13.5
		50	25	12.60	12.48	12.57	13.5
		50	50	12.62	12.53	12.65	13.5
		100	0	12.65	12.76	12.53	13.5
	64QAM	1	0	12.36	12.65	12.50	13.5
		1	50	12.34	12.60	12.37	13.5
		1	99	12.64	12.43	12.54	13.5
		50	0	12.38	12.38	12.66	13.5
		50	25	12.51	12.29	12.55	13.5
		50	50	12.50	12.32	12.34	13.5
		100	0	12.49	12.48	12.42	13.5
	256QAM	1	0	12.64	12.23	12.41	13.5
		1	50	12.60	12.46	12.26	13.5
		1	99	12.50	12.47	12.35	13.5
		50	0	12.66	12.43	12.36	13.5
		50	25	12.42	12.48	12.33	13.5
		50	50	12.46	12.38	12.31	13.5
		100	0	12.51	12.47	12.66	13.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	12.61	12.66	12.60	13.5
		1	37	12.57	12.59	12.53	13.5
		1	74	12.52	12.39	12.60	13.5
		36	0	12.50	12.57	12.60	13.5
		36	19	12.49	12.41	12.52	13.5
		36	39	12.54	12.39	12.55	13.5
		75	0	12.61	12.64	12.47	13.5
	16QAM	1	0	12.57	12.75	12.56	13.5
		1	37	12.53	12.63	12.50	13.5
		1	74	12.43	12.37	12.58	13.5
		36	0	12.53	12.61	12.53	13.5
		36	19	12.48	12.42	12.54	13.5
		36	39	12.44	12.49	12.49	13.5
		75	0	12.63	12.66	12.44	13.5
	64QAM	1	0	12.64	12.63	12.49	13.5
		1	37	12.58	12.63	12.48	13.5
		1	74	12.50	12.41	12.43	13.5
		36	0	12.49	12.71	12.53	13.5
		36	19	12.49	12.44	12.55	13.5
		36	39	12.58	12.40	12.56	13.5
		75	0	12.55	12.63	12.42	13.5
	256QAM	1	0	12.57	12.12	12.32	13.5
		1	37	12.49	12.45	12.17	13.5
		1	74	12.36	12.37	12.23	13.5
		36	0	12.55	12.36	12.26	13.5
		36	19	12.31	12.34	12.30	13.5
		36	39	12.36	12.36	12.29	13.5
		75	0	12.48	12.43	12.54	13.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	12.69	12.71	12.64	13.5
		1	24	12.52	12.59	12.52	13.5
		1	49	12.48	12.36	12.49	13.5
		25	0	12.54	12.50	12.47	13.5
		25	12	12.46	12.40	12.44	13.5
		25	25	12.48	12.40	12.47	13.5
		50	0	12.61	12.70	12.48	13.5
	16QAM	1	0	12.68	12.66	12.65	13.5
		1	24	12.49	12.65	12.55	13.5
		1	49	12.42	12.46	12.52	13.5
		25	0	12.53	12.52	12.58	13.5
		25	12	12.53	12.43	12.56	13.5
		25	25	12.45	12.46	12.46	13.5
		50	0	12.70	12.78	12.37	13.5
	64QAM	1	0	12.67	12.67	12.58	13.5
		1	24	12.62	12.70	12.55	13.5
		1	49	12.43	12.38	12.53	13.5
		25	0	12.47	12.61	12.53	13.5
		25	12	12.52	12.40	12.45	13.5
		25	25	12.55	12.45	12.51	13.5
		50	0	12.56	12.66	12.52	13.5
	256QAM	1	0	12.62	12.16	12.30	13.5
		1	24	12.52	12.37	12.23	13.5
		1	49	12.35	12.33	12.27	13.5
		25	0	12.54	12.34	12.32	13.5
		25	12	12.33	12.38	12.27	13.5
		25	25	12.39	12.23	12.29	13.5
		50	0	12.42	12.36	12.55	13.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	12.60	12.68	12.54	13.5
		1	12	12.59	12.59	12.53	13.5
		1	24	12.51	12.35	12.58	13.5
		12	0	12.54	12.56	12.60	13.5
		12	6	12.41	12.44	12.45	13.5
		12	13	12.45	12.43	12.51	13.5
		25	0	12.69	12.76	12.40	13.5
	16QAM	1	0	12.69	12.74	12.65	13.5
		1	12	12.46	12.67	12.62	13.5
		1	24	12.53	12.36	12.59	13.5
		12	0	12.46	12.53	12.48	13.5
		12	6	12.43	12.54	12.54	13.5
		12	13	12.51	12.40	12.51	13.5
		25	0	12.63	12.77	12.35	13.5
	64QAM	1	0	12.64	12.67	12.63	13.5
		1	12	12.59	12.60	12.49	13.5
		1	24	12.46	12.38	12.46	13.5
		12	0	12.47	12.60	12.51	13.5
		12	6	12.54	12.35	12.43	13.5
		12	13	12.61	12.45	12.50	13.5
		25	0	12.51	12.69	12.40	13.5
	256QAM	1	0	12.49	12.19	12.38	13.5
		1	12	12.47	12.34	12.19	13.5
		1	24	12.46	12.40	12.33	13.5
		12	0	12.59	12.34	12.26	13.5
		12	6	12.36	12.35	12.31	13.5
		12	13	12.40	12.36	12.19	13.5
		25	0	12.49	12.41	12.56	13.5

LTE Band 7_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	16.98	16.93	16.95	18.5
		1	50	17.06	**17.19**	17.01	18.5
		1	99	16.83	16.98	16.88	18.5
		50	0	16.96	17.15	17.06	18.5
		50	25	16.92	16.99	17.00	18.5
		50	50	16.83	16.74	16.81	18.5
		100	0	17.01	17.07	16.82	18.5
	16QAM	1	0	16.69	17.09	16.76	18.5
		1	50	16.77	16.97	16.80	18.5
		1	99	16.91	16.75	16.80	18.5
		50	0	16.78	16.62	16.91	18.5
		50	25	16.83	16.70	16.79	18.5
		50	50	16.77	16.67	16.69	18.5
		100	0	16.78	16.72	16.83	18.5
	64QAM	1	0	16.95	16.89	16.73	18.5
		1	50	16.74	16.75	16.96	18.5
		1	99	16.88	16.73	16.79	18.5
		50	0	16.79	16.51	16.72	18.5
		50	25	16.79	17.05	16.69	18.5
		50	50	16.88	16.97	16.88	18.5
		100	0	16.86	16.77	16.73	18.5
	256QAM	1	0	16.90	16.67	16.65	18.5
		1	50	16.87	16.80	16.63	18.5
		1	99	16.81	16.84	16.52	18.5
		50	0	16.92	16.65	16.66	18.5
		50	25	16.67	16.66	16.62	18.5
		50	50	16.86	16.59	16.66	18.5
		100	0	16.81	16.76	17.03	18.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	16.95	16.78	16.94	18.5
		1	37	16.94	17.14	16.99	18.5
		1	74	16.72	16.83	16.76	18.5
		36	0	16.81	17.00	16.93	18.5
		36	19	16.83	16.93	16.91	18.5
		36	39	16.79	16.68	16.79	18.5
		75	0	16.91	16.97	16.79	18.5
	16QAM	1	0	16.63	16.95	16.70	18.5
		1	37	16.62	16.88	16.69	18.5
		1	74	16.81	16.62	16.77	18.5
		36	0	16.71	16.77	16.80	18.5
		36	19	16.77	16.59	16.75	18.5
		36	39	16.62	16.56	16.67	18.5
		75	0	16.77	16.69	16.82	18.5
	64QAM	1	0	16.89	16.87	16.58	18.5
		1	37	16.71	16.72	16.86	18.5
		1	74	16.73	16.61	16.77	18.5
		36	0	16.78	16.83	16.70	18.5
		36	19	16.64	16.92	16.56	18.5
		36	39	16.80	16.92	16.86	18.5
		75	0	16.83	16.76	16.70	18.5
	256QAM	1	0	16.84	16.55	16.56	18.5
		1	37	16.79	16.77	16.52	18.5
		1	74	16.80	16.79	16.91	18.5
		36	0	16.88	16.53	16.63	18.5
		36	19	16.57	16.61	16.58	18.5
		36	39	16.72	16.78	16.59	18.5
		75	0	16.71	16.68	16.92	18.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	16.97	16.79	16.84	18.5
		1	24	16.95	17.14	16.98	18.5
		1	49	16.78	16.88	16.79	18.5
		25	0	16.94	17.01	16.92	18.5
		25	12	16.88	16.91	16.87	18.5
		25	25	16.74	16.65	16.72	18.5
		50	0	17.00	16.94	16.72	18.5
	16QAM	1	0	16.59	16.99	16.64	18.5
		1	24	16.62	16.89	16.67	18.5
		1	49	16.82	16.61	16.79	18.5
		25	0	16.70	16.67	16.90	18.5
		25	12	16.81	16.66	16.73	18.5
		25	25	16.71	16.62	16.58	18.5
		50	0	16.70	16.59	16.74	18.5
	64QAM	1	0	16.84	16.75	16.69	18.5
		1	24	16.68	16.66	16.83	18.5
		1	49	16.73	16.65	16.73	18.5
		25	0	16.73	16.84	16.63	18.5
		25	12	16.64	16.92	16.62	18.5
		25	25	16.83	16.87	16.87	18.5
		50	0	16.72	16.75	16.68	18.5
	256QAM	1	0	16.80	16.61	16.59	18.5
		1	24	16.86	16.77	16.61	18.5
		1	49	16.69	16.74	16.76	18.5
		25	0	16.89	16.57	16.60	18.5
		25	12	16.58	16.55	16.56	18.5
		25	25	16.78	16.84	16.55	18.5
		50	0	16.68	16.61	16.94	18.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	16.83	16.92	16.93	18.5
		1	12	16.96	17.09	16.89	18.5
		1	24	16.79	16.93	16.85	18.5
		12	0	16.82	17.04	16.95	18.5
		12	6	16.81	16.97	16.94	18.5
		12	13	16.75	16.71	16.80	18.5
		25	0	17.00	16.92	16.78	18.5
	16QAM	1	0	16.64	17.02	16.71	18.5
		1	12	16.62	16.84	16.69	18.5
		1	24	16.78	16.64	16.72	18.5
		12	0	16.70	16.69	16.80	18.5
		12	6	16.68	16.59	16.78	18.5
		12	13	16.64	16.64	16.63	18.5
		25	0	16.67	16.68	16.75	18.5
	64QAM	1	0	16.91	16.87	16.66	18.5
		1	12	16.70	16.68	16.87	18.5
		1	24	16.82	16.70	16.73	18.5
		12	0	16.64	16.64	16.60	18.5
		12	6	16.66	17.03	16.63	18.5
		12	13	16.74	16.85	16.77	18.5
		25	0	16.78	16.68	16.70	18.5
	256QAM	1	0	16.87	16.55	16.57	18.5
		1	12	16.81	16.76	16.59	18.5
		1	24	16.71	16.82	16.55	18.5
		12	0	16.83	16.61	16.53	18.5
		12	6	16.64	16.52	16.60	18.5
		12	13	16.79	16.63	16.62	18.5
		25	0	16.80	16.68	16.88	18.5

LTE DSI1

LTE Band 7_Ant3 For DSDA

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	16.04	15.96	16.02	17.5
		1	50	16.08	**16.27**	16.10	17.5
		1	99	15.83	15.99	15.88	17.5
		50	0	16.05	16.22	16.06	17.5
		50	25	16.01	16.08	16.03	17.5
		50	50	15.80	15.72	15.90	17.5
		100	0	16.08	16.10	15.82	17.5
	16QAM	1	0	16.03	15.92	16.01	17.5
		1	50	16.11	16.18	16.11	17.5
		1	99	15.87	15.95	15.85	17.5
		50	0	16.06	16.21	16.08	17.5
		50	25	15.89	16.04	16.10	17.5
		50	50	15.87	15.70	15.85	17.5
		100	0	16.06	16.17	15.84	17.5
	64QAM	1	0	15.78	16.05	15.72	17.5
		1	50	15.77	16.02	15.86	17.5
		1	99	15.94	15.77	15.79	17.5
		50	0	15.75	15.58	15.98	17.5
		50	25	15.89	15.72	15.86	17.5
		50	50	15.76	15.76	15.79	17.5
		100	0	15.76	15.81	15.87	17.5
	256QAM	1	0	15.87	15.69	15.73	17.5
		1	50	15.93	15.87	15.62	17.5
		1	99	15.89	15.86	15.54	17.5
		50	0	15.88	15.73	15.74	17.5
		50	25	15.64	15.69	15.63	17.5
		50	50	15.84	15.68	15.71	17.5
		100	0	15.86	15.78	16.11	17.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	15.96	15.82	15.92	17.5
		1	37	15.94	16.14	16.09	17.5
		1	74	15.74	15.91	15.81	17.5
		36	0	15.94	16.20	15.91	17.5
		36	19	15.87	15.99	15.89	17.5
		36	39	15.70	15.60	15.82	17.5
		75	0	15.98	16.03	15.68	17.5
	16QAM	1	0	15.93	15.90	15.94	17.5
		1	37	15.97	16.26	16.08	17.5
		1	74	15.74	15.87	15.86	17.5
		36	0	15.95	16.16	16.04	17.5
		36	19	15.95	15.96	15.99	17.5
		36	39	15.72	15.69	15.83	17.5
		75	0	15.99	16.06	15.70	17.5
	64QAM	1	0	15.96	15.81	15.96	17.5
		1	37	16.04	16.06	15.96	17.5
		1	74	15.80	15.92	15.71	17.5
		36	0	15.99	16.16	15.97	17.5
		36	19	15.76	15.96	15.97	17.5
		36	39	15.76	15.60	15.72	17.5
		75	0	16.04	16.08	15.81	17.5
	256QAM	1	0	15.74	15.66	15.59	17.5
		1	37	15.82	15.81	15.57	17.5
		1	74	15.87	15.81	15.53	17.5
		36	0	15.76	15.63	15.64	17.5
		36	19	15.53	15.62	15.51	17.5
		36	39	15.74	15.64	15.58	17.5
		75	0	15.81	15.73	16.02	17.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	15.96	15.90	15.93	17.5
		1	24	15.93	16.20	16.05	17.5
		1	49	15.80	15.93	15.83	17.5
		25	0	16.00	16.21	16.01	17.5
		25	12	15.86	16.06	15.94	17.5
		25	25	15.79	15.69	15.82	17.5
		50	0	15.94	15.97	15.71	17.5
	16QAM	1	0	16.03	15.90	15.98	17.5
		1	24	15.98	16.17	15.95	17.5
		1	49	15.74	15.87	15.76	17.5
		25	0	16.03	16.12	15.98	17.5
		25	12	15.96	15.97	15.93	17.5
		25	25	15.79	15.61	15.87	17.5
		50	0	15.97	16.09	15.80	17.5
	64QAM	1	0	15.88	15.84	16.00	17.5
		1	24	16.07	16.15	16.00	17.5
		1	49	15.77	15.85	15.76	17.5
		25	0	16.00	16.13	15.99	17.5
		25	12	15.78	16.00	15.99	17.5
		25	25	15.72	15.66	15.79	17.5
		50	0	15.96	16.09	15.82	17.5
	256QAM	1	0	15.80	15.62	15.65	17.5
		1	24	15.80	15.75	15.47	17.5
		1	49	15.80	15.84	15.44	17.5
		25	0	15.74	15.65	15.72	17.5
		25	12	15.61	15.54	15.51	17.5
		25	25	15.71	15.65	15.68	17.5
		50	0	15.79	15.69	16.09	17.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	15.99	15.81	15.93	17.5
		1	12	16.00	16.26	16.06	17.5
		1	24	15.77	15.97	15.83	17.5
		12	0	15.99	16.21	15.92	17.5
		12	6	15.90	15.98	15.88	17.5
		12	13	15.73	15.63	15.84	17.5
		25	0	16.03	16.01	15.78	17.5
	16QAM	1	0	15.90	15.93	15.88	17.5
		1	12	16.02	16.21	15.99	17.5
		1	24	15.80	15.92	15.77	17.5
		12	0	15.95	16.07	16.03	17.5
		12	6	15.89	16.03	15.96	17.5
		12	13	15.71	15.59	15.84	17.5
		25	0	16.00	16.09	15.75	17.5
	64QAM	1	0	15.90	15.91	15.98	17.5
		1	12	16.01	16.04	15.99	17.5
		1	24	15.83	15.88	15.74	17.5
		12	0	15.99	16.07	16.01	17.5
		12	6	15.87	15.93	16.01	17.5
		12	13	15.73	15.55	15.82	17.5
		25	0	15.97	16.05	15.80	17.5
	256QAM	1	0	15.76	15.64	15.58	17.5
		1	12	15.80	15.80	15.47	17.5
		1	24	15.82	15.76	15.39	17.5
		12	0	15.86	15.60	15.61	17.5
		12	6	15.63	15.65	15.59	17.5
		12	13	15.77	15.60	15.58	17.5
		25	0	15.76	15.63	15.96	17.5

LTE Band 7_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	13.39	13.21	13.33	15
		1	50	13.58	**13.61**	13.46	15
		1	99	13.25	13.25	13.23	15
		50	0	13.27	13.53	13.36	15
		50	25	13.24	13.43	13.30	15
		50	50	13.30	13.12	13.20	15
		100	0	13.33	13.39	13.18	15
	16QAM	1	0	13.06	13.46	13.20	15
		1	50	13.15	13.28	13.16	15
		1	99	13.20	13.07	13.22	15
		50	0	13.12	13.19	13.33	15
		50	25	13.17	13.08	13.26	15
		50	50	13.04	13.05	13.14	15
		100	0	13.23	13.14	13.25	15
	64QAM	1	0	13.38	13.30	13.08	15
		1	50	13.10	13.23	13.30	15
		1	99	13.19	13.06	13.21	15
		50	0	13.19	13.25	13.13	15
		50	25	13.13	13.32	13.05	15
		50	50	13.30	13.31	13.34	15
		100	0	13.22	13.26	13.23	15
	256QAM	1	0	13.27	13.43	13.41	15
		1	50	13.26	13.29	13.51	15
		1	99	13.21	13.27	13.36	15
		50	0	13.27	13.33	13.10	15
		50	25	13.08	13.10	13.41	15
		50	50	13.18	13.30	13.53	15
		100	0	13.24	13.09	13.34	15
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	13.25	13.17	13.25	15
		1	37	13.44	13.60	13.39	15
		1	74	13.11	13.11	13.08	15
		36	0	13.15	13.50	13.24	15
		36	19	13.09	13.42	13.16	15
		36	39	13.16	13.03	13.16	15
		75	0	13.23	13.31	13.09	15
	16QAM	1	0	13.04	13.32	13.18	15
		1	37	13.02	13.27	13.14	15
		1	74	13.08	13.34	13.14	15
		36	0	13.09	13.18	13.27	15
		36	19	13.14	13.03	13.19	15
		36	39	13.02	13.01	13.06	15
		75	0	13.14	13.28	13.16	15
	64QAM	1	0	13.25	13.24	13.26	15
		1	37	13.07	13.19	13.27	15
		1	74	13.04	13.01	13.06	15
		36	0	13.05	13.12	13.08	15
		36	19	13.12	13.31	13.03	15
		36	39	13.15	13.21	13.22	15
		75	0	13.19	13.14	13.14	15
	256QAM	1	0	13.24	13.29	13.31	15
		1	37	13.25	13.21	13.42	15
		1	74	13.20	13.20	13.34	15
		36	0	13.19	13.25	13.41	15
		36	19	13.28	13.48	13.27	15
		36	39	13.12	13.29	13.39	15
		75	0	13.19	13.41	13.20	15
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	13.38	13.13	13.22	15
		1	24	13.48	13.49	13.43	15
		1	49	13.10	13.10	13.11	15
		25	0	13.17	13.50	13.26	15
		25	12	13.15	13.33	13.26	15
		25	25	13.28	13.35	13.14	15
		50	0	13.32	13.29	13.13	15
	16QAM	1	0	13.19	13.32	13.14	15
		1	24	13.10	13.16	13.15	15
		1	49	13.18	13.01	13.17	15
		25	0	13.28	13.06	13.21	15
		25	12	13.15	13.47	13.20	15
		25	25	13.01	13.33	13.02	15
		50	0	13.19	13.13	13.11	15
	64QAM	1	0	13.37	13.29	13.37	15
		1	24	13.08	13.11	13.19	15
		1	49	13.10	13.29	13.19	15
		25	0	13.05	13.18	13.12	15
		25	12	13.06	13.25	13.41	15
		25	25	13.19	13.24	13.23	15
		50	0	13.08	13.22	13.19	15
	256QAM	1	0	13.22	13.36	13.27	15
		1	24	13.25	13.14	13.36	15
		1	49	13.18	13.19	13.22	15
		25	0	13.21	13.20	13.07	15
		25	12	13.33	13.42	13.26	15
		25	25	13.10	13.23	13.51	15
		50	0	13.11	13.29	13.24	15
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	13.34	13.10	13.25	15
		1	12	13.49	13.41	13.38	15
		1	24	13.22	13.18	13.12	15
		12	0	13.12	13.47	13.29	15
		12	6	13.17	13.40	13.28	15
		12	13	13.21	13.23	13.10	15
		25	0	13.25	13.34	13.17	15
	16QAM	1	0	13.16	13.45	13.19	15
		1	12	13.14	13.23	13.02	15
		1	24	13.10	13.22	13.13	15
		12	0	13.04	13.14	13.22	15
		12	6	13.03	13.19	13.12	15
		12	13	13.19	13.04	13.25	15
		25	0	13.13	13.01	13.12	15
	64QAM	1	0	13.24	13.27	13.04	15
		1	12	13.07	13.20	13.23	15
		1	24	13.06	13.22	13.06	15
		12	0	13.18	13.13	13.23	15
		12	6	13.03	13.20	13.01	15
		12	13	13.25	13.21	13.28	15
		25	0	13.11	13.18	13.20	15
	256QAM	1	0	13.17	13.41	13.40	15
		1	12	13.25	13.23	13.44	15
		1	24	13.10	13.22	13.33	15
		12	0	13.20	13.20	13.20	15
		12	6	13.24	13.21	13.36	15
		12	13	13.11	13.18	13.43	15
		25	0	13.11	13.01	13.30	15

LTE Band 7_Ant4 For DSDA&ENDC

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	11.89	11.80	11.81	13.5
		1	50	12.18	**12.19**	12.00	13.5
		1	99	11.72	11.72	11.71	13.5
		50	0	11.87	12.05	11.91	13.5
		50	25	11.76	11.98	11.78	13.5
		50	50	11.82	11.64	11.80	13.5
		100	0	11.87	11.94	11.76	13.5
	16QAM	1	0	11.90	11.79	11.84	13.5
		1	50	12.04	12.15	12.02	13.5
		1	99	11.78	11.71	11.80	13.5
		50	0	11.73	12.12	11.82	13.5
		50	25	11.71	11.93	11.78	13.5
		50	50	11.82	11.67	11.75	13.5
		100	0	11.91	11.93	11.73	13.5
	64QAM	1	0	11.59	11.95	11.75	13.5
		1	50	11.68	11.77	11.72	13.5
		1	99	11.72	11.64	11.79	13.5
		50	0	11.71	11.72	11.83	13.5
		50	25	11.66	11.57	11.81	13.5
		50	50	11.59	11.55	11.63	13.5
		100	0	11.83	11.62	11.76	13.5
	256QAM	1	0	11.85	11.92	12.01	13.5
		1	50	11.73	11.75	12.10	13.5
		1	99	11.80	11.78	11.84	13.5
		50	0	11.76	11.83	11.58	13.5
		50	25	11.54	11.57	12.00	13.5
		50	50	11.69	11.82	12.01	13.5
		100	0	11.84	11.67	11.82	13.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	11.82	11.67	11.79	13.5
		1	37	12.12	12.10	11.88	13.5
		1	74	11.65	11.66	11.70	13.5
		36	0	11.72	11.94	11.79	13.5
		36	19	11.67	11.89	11.68	13.5
		36	39	11.74	11.53	11.72	13.5
		75	0	11.79	11.88	11.61	13.5
	16QAM	1	0	11.78	11.78	11.69	13.5
		1	37	11.97	12.09	11.97	13.5
		1	74	11.77	11.58	11.70	13.5
		36	0	11.68	12.01	11.79	13.5
		36	19	11.68	11.86	11.63	13.5
		36	39	11.70	11.58	11.60	13.5
		75	0	11.78	11.80	11.63	13.5
	64QAM	1	0	11.46	11.93	11.71	13.5
		1	37	11.63	11.64	11.65	13.5
		1	74	11.71	11.50	11.77	13.5
		36	0	11.57	11.68	11.73	13.5
		36	19	11.64	11.48	11.69	13.5
		36	39	11.55	11.52	11.54	13.5
		75	0	11.77	11.58	11.68	13.5
	256QAM	1	0	11.75	11.79	11.90	13.5
		1	37	11.69	11.73	12.03	13.5
		1	74	11.69	11.75	11.70	13.5
		36	0	11.64	11.80	11.44	13.5
		36	19	11.46	11.43	11.92	13.5
		36	39	11.55	11.78	11.97	13.5
		75	0	11.73	11.56	11.69	13.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	11.74	11.76	11.80	13.5
		1	24	12.11	12.13	11.85	13.5
		1	49	11.57	11.67	11.62	13.5
		25	0	11.85	12.02	11.78	13.5
		25	12	11.75	11.86	11.67	13.5
		25	25	11.76	11.55	11.79	13.5
		50	0	11.81	11.92	11.70	13.5
	16QAM	1	0	11.76	11.72	11.74	13.5
		1	24	11.92	12.02	11.95	13.5
		1	49	11.65	11.65	11.76	13.5
		25	0	11.72	12.03	11.76	13.5
		25	12	11.57	11.82	11.66	13.5
		25	25	11.71	11.59	11.65	13.5
		50	0	11.79	11.81	11.65	13.5
	64QAM	1	0	11.45	11.91	11.64	13.5
		1	24	11.66	11.75	11.71	13.5
		1	49	11.70	11.51	11.75	13.5
		25	0	11.62	11.65	11.78	13.5
		25	12	11.65	11.53	11.79	13.5
		25	25	11.56	11.52	11.61	13.5
		50	0	11.71	11.61	11.67	13.5
	256QAM	1	0	11.72	11.85	11.96	13.5
		1	24	11.68	11.71	12.06	13.5
		1	49	11.67	11.77	11.74	13.5
		25	0	11.61	11.74	11.52	13.5
		25	12	11.50	11.44	11.98	13.5
		25	25	11.57	11.70	12.00	13.5
		50	0	11.78	11.66	11.75	13.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	11.85	11.72	11.78	13.5
		1	12	12.13	12.06	11.97	13.5
		1	24	11.64	11.63	11.67	13.5
		12	0	11.78	11.98	11.90	13.5
		12	6	11.66	11.96	11.77	13.5
		12	13	11.75	11.59	11.74	13.5
		25	0	11.81	11.91	11.75	13.5
	16QAM	1	0	11.77	11.65	11.82	13.5
		1	12	11.91	12.00	11.89	13.5
		1	24	11.64	11.58	11.75	13.5
		12	0	11.60	12.09	11.72	13.5
		12	6	11.59	11.86	11.76	13.5
		12	13	11.81	11.63	11.60	13.5
		25	0	11.80	11.82	11.62	13.5
	64QAM	1	0	11.53	11.92	11.62	13.5
		1	12	11.60	11.69	11.65	13.5
		1	24	11.61	11.58	11.64	13.5
		12	0	11.67	11.63	11.77	13.5
		12	6	11.54	11.46	11.66	13.5
		12	13	11.48	11.51	11.53	13.5
		25	0	11.74	11.51	11.71	13.5
	256QAM	1	0	11.75	11.89	12.00	13.5
		1	12	11.72	11.71	12.08	13.5
		1	24	11.77	11.67	11.77	13.5
		12	0	11.62	11.73	11.48	13.5
		12	6	11.45	11.56	11.98	13.5
		12	13	11.57	11.78	11.90	13.5
		25	0	11.77	11.57	11.71	13.5

LTE DSI1

LTE Band 26_Ant0							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		26765	26865	26965	
		Frequency (MHz)		821.5	831.5	841.5	
15M	QPSK	1	0	25.16	25.13	25.15	25.5
		1	37	**25.21**	25.14	25.20	25.5
		1	74	25.09	25.07	25.06	25.5
		36	0	24.18	24.20	24.16	24.5
		36	19	24.25	24.24	24.20	24.5
		36	39	24.10	24.17	24.14	24.5
		75	0	24.19	24.11	24.16	24.5
	16QAM	1	0	24.43	24.41	24.36	24.5
		1	37	24.17	24.09	24.14	24.5
		1	74	24.14	24.08	24.08	24.5
		36	0	23.23	23.09	23.20	23.5
		36	19	23.16	23.05	23.06	23.5
		36	39	23.10	23.03	22.98	23.5
		75	0	23.19	23.04	23.04	23.5
	64QAM	1	0	23.32	23.27	23.18	23.5
		1	37	23.50	23.35	23.43	23.5
		1	74	23.23	23.22	23.11	23.5
		36	0	22.27	22.12	22.20	22.5
		36	19	22.22	22.17	22.07	22.5
		36	39	22.17	22.13	22.09	22.5
		75	0	22.18	22.14	22.05	22.5
	256QAM	1	0	20.46	20.34	20.31	20.5
		1	37	20.28	20.14	20.15	20.5
		1	74	20.43	20.35	20.35	20.5
		36	0	20.24	20.22	20.13	20.5
		36	19	20.23	20.18	20.22	20.5
		36	39	20.14	20.03	20.06	20.5
		75	0	20.13	20.10	20.07	20.5
BW	Modulation	Channel		26740	26865	26990	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844	
10M	QPSK	1	0	25.06	25.06	25.04	25.5
		1	24	25.12	25.11	25.06	25.5
		1	49	25.04	24.93	24.94	25.5
		25	0	24.16	24.07	24.08	24.5
		25	12	24.20	24.20	24.19	24.5
		25	25	23.95	24.09	24.02	24.5
		50	0	24.16	24.04	24.13	24.5
	16QAM	1	0	24.41	24.36	24.26	24.5
		1	24	24.09	23.95	24.10	24.5
		1	49	24.08	23.96	24.00	24.5
		25	0	23.10	23.02	23.07	23.5
		25	12	23.09	22.99	22.95	23.5
		25	25	23.04	22.92	22.92	23.5
		50	0	23.07	22.96	22.94	23.5
	64QAM	1	0	23.31	23.26	23.13	23.5
		1	24	23.40	23.22	23.31	23.5
		1	49	23.20	23.08	22.97	23.5
		25	0	22.25	22.03	22.05	22.5
		25	12	22.17	22.16	22.02	22.5
		25	25	22.13	22.02	22.03	22.5
		50	0	22.09	22.10	21.97	22.5
	256QAM	1	0	20.33	20.20	20.17	20.5
		1	24	20.19	20.07	20.02	20.5
		1	49	20.39	20.28	20.31	20.5
		25	0	20.14	20.17	20.12	20.5
		25	12	20.19	20.16	20.15	20.5
		25	25	20.13	19.89	20.01	20.5
		50	0	20.07	19.96	20.02	20.5
BW	Modulation	Channel		26715	26865	27015	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5	
5M	QPSK	1	0	25.02	25.09	25.14	25.5
		1	12	25.08	25.01	25.19	25.5
		1	24	24.99	25.02	24.97	25.5
		12	0	24.08	24.09	24.07	24.5
		12	6	24.14	24.16	24.08	24.5
		12	13	24.03	24.05	24.02	24.5
		25	0	24.08	24.07	24.07	24.5
	16QAM	1	0	24.33	24.33	24.26	24.5
		1	12	24.08	24.03	24.09	24.5
		1	24	23.99	23.93	23.99	24.5
		12	0	23.21	23.04	23.09	23.5
		12	6	23.03	23.03	23.03	23.5
		12	13	23.00	22.98	22.88	23.5
		25	0	23.18	23.01	23.01	23.5
	64QAM	1	0	23.31	23.24	23.11	23.5
		1	12	23.42	23.22	23.40	23.5
		1	24	23.20	23.21	23.09	23.5
		12	0	22.16	22.00	22.10	22.5
		12	6	22.17	22.12	22.00	22.5
		12	13	22.13	22.04	22.01	22.5
		25	0	22.12	22.05	22.04	22.5
	256QAM	1	0	20.39	20.22	20.27	20.5
		1	12	20.14	20.05	20.09	20.5
		1	24	20.35	20.32	20.28	20.5
		12	0	20.18	20.09	20.02	20.5
		12	6	20.08	20.09	20.12	20.5
		12	13	20.06	19.90	20.01	20.5
		25	0	20.04	19.96	19.93	20.5
BW	Modulation	Channel		26705	26865	27025	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5	
3M	QPSK	1	0	25.15	25.08	25.13	25.5
		1	7	25.15	25.07	25.06	25.5
		1	14	24.95	25.00	24.91	25.5
		8	0	24.11	24.14	24.01	24.5
		8	3	24.12	24.16	24.18	24.5
		8	7	23.99	24.14	24.04	24.5
		15	0	24.08	24.00	24.08	24.5
	16QAM	1	0	24.29	24.37	24.22	24.5
		1	7	24.13	23.98	23.99	24.5
		1	14	24.05	23.95	23.97	24.5
		8	0	23.13	23.02	23.11	23.5
		8	3	23.10	23.03	22.97	23.5
		8	7	23.00	22.95	22.85	23.5
		15	0	23.18	22.90	22.97	23.5
	64QAM	1	0	23.20	23.21	23.11	23.5
		1	7	23.45	23.22	23.30	23.5
		1	14	23.19	23.16	23.08	23.5
		8	0	22.26	22.11	22.10	22.5
		8	3	22.12	22.14	21.98	22.5
		8	7	22.04	22.01	22.03	22.5
		15	0	22.02	22.11	21.93	22.5
	256QAM	1	0	20.43	20.29	20.26	20.5
		1	7	20.25	20.08	20.08	20.5
		1	14	20.37	20.29	20.33	20.5
		8	0	20.09	20.14	19.99	20.5
		8	3	20.11	20.08	20.08	20.5
		8	7	20.02	19.92	19.97	20.5
		15	0	20.05	20.04	19.97	20.5
BW	Modulation	Channel		26697	26865	27033	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3	
1.4M	QPSK	1	0	25.12	25.11	25.14	25.5
		1	2	25.18	25.00	25.08	25.5
		1	5	24.97	24.95	24.99	25.5
		3	0	24.93	24.87	24.88	25.5
		3	1	24.92	24.96	24.87	25.5
		3	3	24.74	24.89	24.88	25.5
		6	0	24.12	24.00	24.05	24.5
	16QAM	1	0	24.38	24.38	24.34	24.5
		1	2	24.05	24.04	24.10	24.5
		1	5	24.13	24.02	24.05	24.5
		3	0	23.94	23.78	23.93	24.5
		3	1	23.84	23.68	23.83	24.5
		3	3	23.76	23.78	23.73	24.5
		6	0	23.07	22.90	22.92	23.5
	64QAM	1	0	23.27	23.25	23.15	23.5
		1	2	23.35	23.24	23.33	23.5
		1	5	23.22	23.14	23.08	23.5
		3	0	22.90	22.82	22.84	23.5
		3	1	22.89	22.82	22.70	23.5
		3	3	22.94	22.89	22.79	23.5
		6	0	22.07	22.02	21.98	22.5
	256QAM	1	0	20.39	20.19	20.28	20.5
		1	2	20.22	20.07	20.12	20.5
		1	5	20.29	20.34	20.23	20.5
		3	0	20.22	20.16	19.99	20.5
		3	1	20.17	20.11	20.10	20.5
		3	3	20.04	19.90	20.04	20.5
		6	0	20.03	19.95	19.96	20.5

LTE Band 26_Ant1							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		26765	26865	26965	
		Frequency (MHz)		821.5	831.5	841.5	
15M	QPSK	1	0	19.61	19.67	19.74	20.5
		1	37	19.78	**19.92**	19.87	20.5
		1	74	19.74	19.65	19.70	20.5
		36	0	19.65	19.77	19.68	20.5
		36	19	19.73	19.81	19.80	20.5
		36	39	19.72	19.66	19.66	20.5
		75	0	19.88	19.91	19.83	20.5
	16QAM	1	0	19.85	19.63	19.79	20.5
		1	37	19.81	19.63	19.84	20.5
		1	74	19.91	19.72	19.68	20.5
		36	0	19.78	19.83	19.78	20.5
		36	19	19.70	19.69	19.70	20.5
		36	39	19.66	19.71	19.73	20.5
		75	0	19.62	19.84	19.89	20.5
	64QAM	1	0	19.62	19.78	19.89	20.5
		1	37	19.88	19.79	19.68	20.5
		1	74	19.84	19.81	19.61	20.5
		36	0	19.90	19.89	19.81	20.5
		36	19	19.74	19.75	19.62	20.5
		36	39	19.85	19.80	19.77	20.5
		75	0	19.91	19.85	19.88	20.5
	256QAM	1	0	19.69	19.85	19.65	20.5
		1	37	19.89	19.89	19.75	20.5
		1	74	19.88	19.82	19.66	20.5
		36	0	19.68	19.78	19.76	20.5
		36	19	19.71	19.66	19.71	20.5
		36	39	19.88	19.65	19.68	20.5
		75	0	19.65	19.67	19.68	20.5
BW	Modulation	Channel		26740	26865	26990	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844	
10M	QPSK	1	0	19.50	19.53	19.68	20.5
		1	24	19.74	19.80	19.84	20.5
		1	49	19.62	19.62	19.60	20.5
		25	0	19.62	19.76	19.63	20.5
		25	12	19.64	19.66	19.76	20.5
		25	25	19.70	19.65	19.51	20.5
		50	0	19.76	19.87	19.81	20.5
	16QAM	1	0	19.85	19.52	19.72	20.5
		1	24	19.80	19.63	19.79	20.5
		1	49	19.82	19.67	19.68	20.5
		25	0	19.69	19.71	19.77	20.5
		25	12	19.61	19.61	19.59	20.5
		25	25	19.59	19.59	19.61	20.5
		50	0	19.60	19.69	19.77	20.5
	64QAM	1	0	19.50	19.67	19.77	20.5
		1	24	19.76	19.68	19.55	20.5
		1	49	19.79	19.67	19.61	20.5
		25	0	19.86	19.79	19.66	20.5
		25	12	19.69	19.74	19.56	20.5
		25	25	19.85	19.68	19.71	20.5
		50	0	19.76	19.83	19.86	20.5
	256QAM	1	0	19.56	19.73	19.56	20.5
		1	24	19.78	19.77	19.61	20.5
		1	49	19.75	19.82	19.55	20.5
		25	0	19.58	19.64	19.64	20.5
		25	12	19.59	19.51	19.56	20.5
		25	25	19.78	19.59	19.61	20.5
		50	0	19.51	19.65	19.61	20.5
BW	Modulation	Channel		26715	26865	27015	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5	
5M	QPSK	1	0	19.51	19.60	19.60	20.5
		1	12	19.72	19.81	19.93	20.5
		1	24	19.70	19.54	19.62	20.5
		12	0	19.57	19.68	19.61	20.5
		12	6	19.59	19.69	19.78	20.5
		12	13	19.71	19.63	19.59	20.5
		25	0	19.75	19.89	19.71	20.5
	16QAM	1	0	19.70	19.60	19.70	20.5
		1	12	19.78	19.52	19.81	20.5
		1	24	19.82	19.64	19.56	20.5
		12	0	19.65	19.69	19.68	20.5
		12	6	19.61	19.61	19.57	20.5
		12	13	19.60	19.67	19.72	20.5
		25	0	19.52	19.70	19.83	20.5
	64QAM	1	0	19.60	19.75	19.82	20.5
		1	12	19.84	19.72	19.64	20.5
		1	24	19.73	19.77	19.60	20.5
		12	0	19.76	19.87	19.79	20.5
		12	6	19.62	19.62	19.52	20.5
		12	13	19.75	19.75	19.66	20.5
		25	0	19.91	19.77	19.82	20.5
	256QAM	1	0	19.59	19.80	19.50	20.5
		1	12	19.79	19.84	19.62	20.5
		1	24	19.88	19.78	19.63	20.5
		12	0	19.54	19.76	19.72	20.5
		12	6	19.70	19.60	19.69	20.5
		12	13	19.82	19.65	19.58	20.5
		25	0	19.56	19.61	19.57	20.5
BW	Modulation	Channel		26705	26865	27025	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5	
3M	QPSK	1	0	19.49	19.55	19.61	20.5
		1	7	19.73	19.77	19.85	20.5
		1	14	19.73	19.53	19.59	20.5
		8	0	19.51	19.64	19.55	20.5
		8	3	19.73	19.77	19.76	20.5
		8	7	19.67	19.61	19.60	20.5
		15	0	19.79	19.82	19.74	20.5
	16QAM	1	0	19.80	19.53	19.78	20.5
		1	7	19.75	19.60	19.75	20.5
		1	14	19.85	19.72	19.64	20.5
		8	0	19.63	19.82	19.64	20.5
		8	3	19.69	19.57	19.59	20.5
		8	7	19.53	19.58	19.69	20.5
		15	0	19.57	19.69	19.79	20.5
	64QAM	1	0	19.62	19.72	19.88	20.5
		1	7	19.76	19.78	19.66	20.5
		1	14	19.80	19.68	19.54	20.5
		8	0	19.86	19.84	19.80	20.5
		8	3	19.74	19.67	19.61	20.5
		8	7	19.81	19.73	19.67	20.5
		15	0	19.82	19.72	19.74	20.5
	256QAM	1	0	19.62	19.80	19.57	20.5
		1	7	19.85	19.74	19.68	20.5
		1	14	19.73	19.72	19.51	20.5
		8	0	19.67	19.78	19.64	20.5
		8	3	19.60	19.65	19.69	20.5
		8	7	19.74	19.59	19.56	20.5
		15	0	19.56	19.56	19.53	20.5
BW	Modulation	Channel		26697	26865	27033	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3	
1.4M	QPSK	1	0	19.55	19.58	19.65	20.5
		1	2	19.73	19.90	19.83	20.5
		1	5	19.69	19.50	19.56	20.5
		3	0	19.63	19.72	19.65	20.5
		3	1	19.64	19.74	19.65	20.5
		3	3	19.70	19.59	19.60	20.5
		6	0	19.83	19.77	19.68	20.5
	16QAM	1	0	19.74	19.59	19.77	20.5
		1	2	19.69	19.53	19.77	20.5
		1	5	19.77	19.69	19.59	20.5
		3	0	19.74	19.69	19.68	20.5
		3	1	19.70	19.65	19.57	20.5
		3	3	19.61	19.71	19.68	20.5
		6	0	19.52	19.82	19.79	20.5
	64QAM	1	0	19.53	19.76	19.86	20.5
		1	2	19.88	19.67	19.56	20.5
		1	5	19.83	19.72	19.47	20.5
		3	0	19.87	19.86	19.70	20.5
		3	1	19.65	19.75	19.62	20.5
		3	3	19.77	19.67	19.73	20.5
		6	0	19.88	19.77	19.86	20.5
	256QAM	1	0	19.54	19.83	19.62	20.5
		1	2	19.79	19.84	19.62	20.5
		1	5	19.74	19.70	19.56	20.5
		3	0	19.58	19.73	19.70	20.5
		3	1	19.71	19.64	19.61	20.5
		3	3	19.81	19.57	19.67	20.5
		6	0	19.54	19.62	19.55	20.5

LTE DSI1

LTE Band 38_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	23.75	**23.76**	23.73	24.5
		1	50	23.67	23.62	23.61	24.5
		1	99	23.48	23.50	23.36	24.5
		50	0	22.81	22.84	22.76	23.5
		50	25	22.66	22.78	22.70	23.5
		50	50	22.67	22.79	22.74	23.5
		100	0	22.71	22.77	22.65	23.5
	16QAM	1	0	22.61	22.51	22.53	23.5
		1	50	22.68	22.60	22.55	23.5
		1	99	22.60	22.48	22.47	23.5
		50	0	21.81	21.72	21.75	22.5
		50	25	21.77	21.72	21.63	22.5
		50	50	21.74	21.68	21.63	22.5
		100	0	21.77	21.65	21.69	22.5
	64QAM	1	0	21.97	21.82	21.96	22.5
		1	50	21.84	21.76	21.77	22.5
		1	99	21.67	21.53	21.57	22.5
		50	0	20.87	20.76	20.85	21.5
		50	25	20.84	20.75	20.78	21.5
		50	50	20.75	20.72	20.62	21.5
		100	0	20.77	20.75	20.66	21.5
	256QAM	1	0	18.83	18.73	18.72	19.5
		1	50	18.86	18.77	18.72	19.5
		1	99	18.55	18.52	18.43	19.5
		50	0	18.89	18.74	18.81	19.5
		50	25	18.79	18.72	18.68	19.5
		50	50	18.78	18.75	18.64	19.5
		100	0	18.75	18.64	18.73	19.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	23.73	23.65	23.60	24.5
		1	37	23.55	23.49	23.57	24.5
		1	74	23.35	23.39	23.31	24.5
		36	0	22.69	22.76	22.69	23.5
		36	19	22.55	22.72	22.55	23.5
		36	39	22.52	22.66	22.61	23.5
		75	0	22.74	22.57	22.53	23.5
	16QAM	1	0	22.49	22.38	22.40	23.5
		1	37	22.61	22.53	22.46	23.5
		1	74	22.46	22.37	22.36	23.5
		36	0	21.74	21.71	21.73	22.5
		36	19	21.76	21.70	21.55	22.5
		36	39	21.63	21.55	21.57	22.5
		75	0	21.71	21.50	21.55	22.5
	64QAM	1	0	21.92	21.74	21.98	22.5
		1	37	21.75	21.66	21.65	22.5
		1	74	21.52	21.47	21.48	22.5
		36	0	20.82	20.64	20.71	21.5
		36	19	20.78	20.71	20.71	21.5
		36	39	20.60	20.62	20.53	21.5
		75	0	20.70	20.67	20.51	21.5
	256QAM	1	0	18.69	18.62	18.71	19.5
		1	37	18.80	18.71	18.64	19.5
		1	74	18.40	18.48	18.29	19.5
		36	0	18.85	18.62	18.74	19.5
		36	19	18.75	18.64	18.57	19.5
		36	39	18.70	18.65	18.50	19.5
		75	0	18.66	18.53	18.65	19.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	23.63	23.68	23.61	24.5
		1	24	23.57	23.55	23.55	24.5
		1	49	23.41	23.38	23.27	24.5
		25	0	22.75	22.75	22.69	23.5
		25	12	22.51	22.77	22.60	23.5
		25	25	22.61	22.76	22.70	23.5
		50	0	22.68	22.58	22.57	23.5
	16QAM	1	0	22.50	22.42	22.45	23.5
		1	24	22.65	22.58	22.42	23.5
		1	49	22.47	22.47	22.43	23.5
		25	0	21.71	21.68	21.64	22.5
		25	12	21.74	21.67	21.51	22.5
		25	25	21.73	21.58	21.57	22.5
		50	0	21.73	21.54	21.64	22.5
	64QAM	1	0	21.83	21.80	21.92	22.5
		1	24	21.70	21.70	21.71	22.5
		1	49	21.60	21.44	21.56	22.5
		25	0	20.79	20.61	20.73	21.5
		25	12	20.83	20.65	20.73	21.5
		25	25	20.68	20.71	20.58	21.5
		50	0	20.73	20.69	20.59	21.5
	256QAM	1	0	18.77	18.61	18.63	19.5
		1	24	18.76	18.63	18.60	19.5
		1	49	18.52	18.50	18.42	19.5
		25	0	18.85	18.60	18.74	19.5
		25	12	18.73	18.66	18.61	19.5
		25	25	18.74	18.64	18.56	19.5
		50	0	18.64	18.62	18.58	19.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	23.71	23.65	23.59	24.5
		1	12	23.52	23.51	23.50	24.5
		1	24	23.34	23.35	23.25	24.5
		12	0	22.80	22.72	22.64	23.5
		12	6	22.60	22.69	22.55	23.5
		12	13	22.58	22.69	22.53	23.5
		25	0	22.71	22.61	22.53	23.5
	16QAM	1	0	22.49	22.39	22.42	23.5
		1	12	22.59	22.59	22.40	23.5
		1	24	22.51	22.37	22.43	23.5
		12	0	21.67	21.70	21.73	22.5
		12	6	21.64	21.64	21.57	22.5
		12	13	21.59	21.60	21.51	22.5
		25	0	21.67	21.56	21.64	22.5
	64QAM	1	0	21.89	21.71	21.86	22.5
		1	12	21.74	21.70	21.69	22.5
		1	24	21.57	21.49	21.52	22.5
		12	0	20.81	20.70	20.71	21.5
		12	6	20.73	20.72	20.75	21.5
		12	13	20.64	20.63	20.50	21.5
		25	0	20.67	20.68	20.60	21.5
	256QAM	1	0	18.74	18.64	18.63	19.5
		1	12	18.75	18.70	18.66	19.5
		1	24	18.52	18.43	18.31	19.5
		12	0	18.84	18.61	18.79	19.5
		12	6	18.74	18.65	18.65	19.5
		12	13	18.72	18.71	18.61	19.5
		25	0	18.63	18.60	18.65	19.5

LTE Band 38_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	18.07	18.00	18.02	19
		1	50	18.23	**18.30**	18.18	19
		1	99	17.91	18.00	18.04	19
		50	0	18.02	18.13	18.07	19
		50	25	18.04	18.15	18.13	19
		50	50	17.98	17.86	17.96	19
		100	0	18.14	18.17	17.87	19
	16QAM	1	0	17.76	18.17	18.09	19
		1	50	17.87	18.04	17.85	19
		1	99	17.95	17.86	18.05	19
		50	0	17.83	17.86	18.11	19
		50	25	17.93	17.89	18.04	19
		50	50	17.74	17.85	17.93	19
		100	0	17.96	17.80	18.02	19
	64QAM	1	0	18.14	18.04	17.83	19
		1	50	17.76	17.90	17.97	19
		1	99	17.88	17.86	17.98	19
		50	0	18.00	17.93	17.81	19
		50	25	17.86	18.16	17.80	19
		50	50	18.08	18.08	18.08	19
		100	0	18.03	18.12	18.13	19
	256QAM	1	0	18.06	18.01	18.10	19
		1	50	18.03	18.08	18.13	19
		1	99	17.92	18.03	18.03	19
		50	0	17.99	17.96	17.96	19
		50	25	17.79	17.85	18.11	19
		50	50	17.87	18.08	18.24	19
		100	0	18.03	17.87	18.13	19
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	18.06	17.97	17.91	19
		1	37	18.11	18.16	18.16	19
		1	74	17.84	17.87	17.90	19
		36	0	17.95	18.03	18.02	19
		36	19	17.92	18.04	18.08	19
		36	39	17.97	17.75	17.92	19
		75	0	18.10	18.05	17.72	19
	16QAM	1	0	17.64	18.07	17.98	19
		1	37	17.72	18.00	17.75	19
		1	74	17.87	17.77	18.02	19
		36	0	17.80	17.74	18.07	19
		36	19	17.81	17.78	18.00	19
		36	39	17.68	17.84	17.81	19
		75	0	17.85	17.76	17.91	19
	64QAM	1	0	18.05	17.98	17.89	19
		1	37	17.75	17.76	17.82	19
		1	74	17.80	17.75	17.93	19
		36	0	17.98	17.85	17.73	19
		36	19	17.80	18.15	17.77	19
		36	39	17.98	18.01	17.97	19
		75	0	17.88	18.08	18.08	19
	256QAM	1	0	18.03	17.99	18.08	19
		1	37	17.99	18.05	18.00	19
		1	74	17.77	18.02	17.90	19
		36	0	17.94	17.85	17.91	19
		36	19	17.70	17.74	18.04	19
		36	39	17.81	17.98	18.23	19
		75	0	18.01	17.76	18.01	19
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	18.01	17.96	17.93	19
		1	24	18.15	18.16	18.15	19
		1	49	17.84	17.91	17.95	19
		25	0	17.94	18.03	18.02	19
		25	12	18.02	18.04	17.98	19
		25	25	17.84	17.74	17.84	19
		50	0	18.07	18.06	17.73	19
	16QAM	1	0	17.67	18.15	17.96	19
		1	24	17.80	17.91	17.84	19
		1	49	17.89	17.84	17.96	19
		25	0	17.72	17.77	17.99	19
		25	12	17.92	17.75	17.99	19
		25	25	17.65	17.84	17.76	19
		50	0	17.83	17.74	18.00	19
	64QAM	1	0	18.05	17.99	17.76	19
		1	24	17.69	17.75	17.90	19
		1	49	17.77	17.85	17.84	19
		25	0	17.92	17.89	17.68	19
		25	12	17.79	18.02	17.74	19
		25	25	18.00	18.05	17.98	19
		50	0	17.90	18.00	17.99	19
	256QAM	1	0	17.97	17.87	18.01	19
		1	24	18.00	17.93	18.06	19
		1	49	17.88	17.93	17.98	19
		25	0	17.85	17.82	17.86	19
		25	12	17.64	17.93	18.01	19
		25	25	17.77	17.98	18.10	19
		50	0	17.91	17.77	18.04	19
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	17.94	17.99	18.01	19
		1	12	18.15	18.19	18.15	19
		1	24	17.87	17.91	17.98	19
		12	0	17.97	18.04	18.05	19
		12	6	17.97	18.10	18.11	19
		12	13	17.86	17.74	17.87	19
		25	0	18.02	18.03	17.78	19
	16QAM	1	0	17.70	18.08	18.03	19
		1	12	17.73	17.90	17.84	19
		1	24	17.92	17.77	17.99	19
		12	0	17.78	17.71	18.08	19
		12	6	17.88	17.82	17.89	19
		12	13	17.66	17.81	17.80	19
		25	0	17.88	17.71	18.00	19
	64QAM	1	0	18.02	17.97	17.81	19
		1	12	17.61	17.75	17.96	19
		1	24	17.83	17.80	17.93	19
		12	0	17.86	17.88	17.71	19
		12	6	17.76	18.04	17.73	19
		12	13	18.02	18.04	17.95	19
		25	0	17.95	17.99	18.08	19
	256QAM	1	0	17.98	17.98	18.08	19
		1	12	17.89	18.07	18.04	19
		1	24	17.80	17.92	17.98	19
		12	0	17.92	17.82	17.83	19
		12	6	17.78	17.75	18.10	19
		12	13	17.80	18.04	18.17	19
		25	0	17.92	17.73	18.03	19

LTE Band 38_Ant2 For DSDA

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	14.59	14.44	14.60	15.5
		1	50	14.70	**14.80**	14.76	15.5
		1	99	14.45	14.56	14.55	15.5
		50	0	14.56	14.64	14.58	15.5
		50	25	14.58	14.66	14.60	15.5
		50	50	14.49	14.44	14.52	15.5
		100	0	14.62	14.70	14.37	15.5
	16QAM	1	0	14.55	14.53	14.57	15.5
		1	50	14.78	14.76	14.64	15.5
		1	99	14.39	14.49	14.56	15.5
		50	0	14.47	14.64	14.54	15.5
		50	25	14.51	14.66	14.58	15.5
		50	50	14.48	14.31	14.52	15.5
		100	0	14.62	14.70	14.37	15.5
	64QAM	1	0	14.26	14.66	14.62	15.5
		1	50	14.36	14.57	14.31	15.5
		1	99	14.47	14.36	14.63	15.5
		50	0	14.32	14.32	14.69	15.5
		50	25	14.43	14.41	14.49	15.5
		50	50	14.22	14.41	14.46	15.5
		100	0	14.48	14.33	14.60	15.5
	256QAM	1	0	14.56	14.54	14.66	15.5
		1	50	14.50	14.54	14.66	15.5
		1	99	14.40	14.51	14.58	15.5
		50	0	14.48	14.43	14.48	15.5
		50	25	14.26	14.33	14.59	15.5
		50	50	14.35	14.63	14.71	15.5
		100	0	14.54	14.39	14.68	15.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	14.55	14.39	14.57	15.5
		1	37	14.64	14.76	14.73	15.5
		1	74	14.44	14.51	14.47	15.5
		36	0	14.53	14.63	14.44	15.5
		36	19	14.44	14.56	14.48	15.5
		36	39	14.43	14.40	14.42	15.5
		75	0	14.51	14.65	14.23	15.5
	16QAM	1	0	14.58	14.43	14.56	15.5
		1	37	14.64	14.65	14.66	15.5
		1	74	14.41	14.52	14.40	15.5
		36	0	14.49	14.56	14.57	15.5
		36	19	14.54	14.55	14.51	15.5
		36	39	14.41	14.30	14.42	15.5
		75	0	14.60	14.68	14.34	15.5
	64QAM	1	0	14.47	14.51	14.45	15.5
		1	37	14.67	14.62	14.62	15.5
		1	74	14.34	14.42	14.54	15.5
		36	0	14.34	14.50	14.51	15.5
		36	19	14.37	14.54	14.54	15.5
		36	39	14.36	14.28	14.40	15.5
		75	0	14.47	14.62	14.36	15.5
	256QAM	1	0	14.53	14.46	14.53	15.5
		1	37	14.39	14.41	14.51	15.5
		1	74	14.32	14.50	14.57	15.5
		36	0	14.33	14.32	14.42	15.5
		36	19	14.13	14.29	14.50	15.5
		36	39	14.30	14.61	14.59	15.5
		75	0	14.43	14.35	14.61	15.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	14.47	14.30	14.55	15.5
		1	24	14.60	14.73	14.68	15.5
		1	49	14.32	14.52	14.49	15.5
		25	0	14.48	14.49	14.52	15.5
		25	12	14.51	14.61	14.50	15.5
		25	25	14.47	14.34	14.46	15.5
		50	0	14.60	14.56	14.35	15.5
	16QAM	1	0	14.44	14.34	14.54	15.5
		1	24	14.66	14.67	14.63	15.5
		1	49	14.38	14.46	14.47	15.5
		25	0	14.46	14.59	14.48	15.5
		25	12	14.55	14.51	14.45	15.5
		25	25	14.48	14.33	14.55	15.5
		50	0	14.55	14.58	14.32	15.5
	64QAM	1	0	14.51	14.39	14.45	15.5
		1	24	14.65	14.69	14.62	15.5
		1	49	14.31	14.50	14.47	15.5
		25	0	14.36	14.62	14.40	15.5
		25	12	14.50	14.55	14.54	15.5
		25	25	14.45	14.23	14.49	15.5
		50	0	14.60	14.57	14.34	15.5
	256QAM	1	0	14.46	14.42	14.52	15.5
		1	24	14.35	14.46	14.60	15.5
		1	49	14.38	14.46	14.45	15.5
		25	0	14.46	14.38	14.46	15.5
		25	12	14.11	14.27	14.45	15.5
		25	25	14.29	14.62	14.62	15.5
		50	0	14.48	14.27	14.53	15.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	14.53	14.30	14.45	15.5
		1	12	14.65	14.74	14.68	15.5
		1	24	14.35	14.52	14.52	15.5
		12	0	14.41	14.53	14.51	15.5
		12	6	14.48	14.63	14.49	15.5
		12	13	14.40	14.31	14.55	15.5
		25	0	14.56	14.64	14.22	15.5
	16QAM	1	0	14.53	14.37	14.59	15.5
		1	12	14.64	14.72	14.66	15.5
		1	24	14.38	14.47	14.54	15.5
		12	0	14.41	14.63	14.43	15.5
		12	6	14.57	14.53	14.59	15.5
		12	13	14.36	14.29	14.41	15.5
		25	0	14.47	14.59	14.30	15.5
	64QAM	1	0	14.53	14.52	14.46	15.5
		1	12	14.73	14.62	14.63	15.5
		1	24	14.33	14.40	14.49	15.5
		12	0	14.36	14.56	14.48	15.5
		12	6	14.60	14.63	14.56	15.5
		12	13	14.43	14.28	14.37	15.5
		25	0	14.61	14.68	14.32	15.5
	256QAM	1	0	14.53	14.40	14.58	15.5
		1	12	14.37	14.45	14.63	15.5
		1	24	14.30	14.45	14.51	15.5
		12	0	14.42	14.34	14.33	15.5
		12	6	14.24	14.29	14.49	15.5
		12	13	14.22	14.56	14.60	15.5
		25	0	14.40	14.27	14.59	15.5

LTE Band 38_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	20.84	**20.87**	20.79	21.5
		1	50	20.82	20.85	20.73	21.5
		1	99	20.58	20.65	20.71	21.5
		50	0	20.67	20.78	20.76	21.5
		50	25	20.64	20.75	20.71	21.5
		50	50	20.65	20.45	20.57	21.5
		100	0	20.71	20.75	20.54	21.5
	16QAM	1	0	20.33	20.85	20.64	21.5
		1	50	20.56	20.70	20.54	21.5
		1	99	20.63	20.42	20.67	21.5
		50	0	20.46	20.53	20.68	21.5
		50	25	20.48	20.47	20.66	21.5
		50	50	20.40	20.47	20.53	21.5
		100	0	20.59	20.47	20.67	21.5
	64QAM	1	0	20.75	20.65	20.51	21.5
		1	50	20.37	20.49	20.66	21.5
		1	99	20.57	20.47	20.65	21.5
		50	0	20.56	20.54	20.44	21.5
		50	25	20.55	20.82	20.49	21.5
		50	50	20.69	20.77	20.69	21.5
		100	0	20.66	20.79	20.80	21.5
	256QAM	1	0	19.54	19.70	19.65	20.5
		1	50	19.65	19.79	19.59	20.5
		1	99	19.39	19.52	19.54	20.5
		50	0	19.79	19.85	19.60	20.5
		50	25	19.71	19.76	19.60	20.5
		50	50	19.51	19.67	19.62	20.5
		100	0	19.61	19.69	19.76	20.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	20.75	20.79	20.70	21.5
		1	37	20.68	20.84	20.71	21.5
		1	74	20.47	20.62	20.56	21.5
		36	0	20.65	20.64	20.67	21.5
		36	19	20.59	20.73	20.70	21.5
		36	39	20.52	20.41	20.42	21.5
		75	0	20.57	20.65	20.46	21.5
	16QAM	1	0	20.26	20.76	20.51	21.5
		1	37	20.41	20.64	20.51	21.5
		1	74	20.51	20.34	20.55	21.5
		36	0	20.31	20.52	20.62	21.5
		36	19	20.41	20.44	20.65	21.5
		36	39	20.32	20.33	20.48	21.5
		75	0	20.51	20.42	20.59	21.5
	64QAM	1	0	20.70	20.58	20.36	21.5
		1	37	20.34	20.41	20.61	21.5
		1	74	20.49	20.36	20.51	21.5
		36	0	20.49	20.50	20.38	21.5
		36	19	20.42	20.76	20.38	21.5
		36	39	20.60	20.73	20.68	21.5
		75	0	20.56	20.67	20.68	21.5
	256QAM	1	0	19.44	19.69	19.62	20.5
		1	37	19.59	19.66	19.55	20.5
		1	74	19.37	19.42	19.52	20.5
		36	0	19.73	19.81	19.48	20.5
		36	19	19.70	19.67	19.59	20.5
		36	39	19.41	19.64	19.56	20.5
		75	0	19.54	19.58	19.74	20.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	20.70	20.75	20.76	21.5
		1	24	20.69	20.70	20.70	21.5
		1	49	20.52	20.60	20.57	21.5
		25	0	20.66	20.64	20.67	21.5
		25	12	20.59	20.65	20.65	21.5
		25	25	20.62	20.40	20.42	21.5
		50	0	20.62	20.60	20.43	21.5
	16QAM	1	0	20.22	20.81	20.61	21.5
		1	24	20.50	20.62	20.48	21.5
		1	49	20.55	20.36	20.58	21.5
		25	0	20.38	20

LTE DSI1

LTE Band 38_Ant3 For DSDA

BW	Modulation	RB Size	RB Offset	Channel / Frequency (MHz)	Low	Mid	High	Max. Tune-up (dBm)
				Channel	37850	38000	38150	
				Frequency (MHz)	2580	2595	2610	
20M	QPSK	1	0		18.84	**18.95**	18.88	19.5
		1	50		18.82	18.80	18.82	19.5
		1	99		18.79	18.82	18.75	19.5
		50	0		18.77	18.87	18.84	19.5
		50	25		18.72	18.71	18.82	19.5
		50	50		18.62	18.71	18.63	19.5
		100	0		18.82	18.89	18.83	19.5
	16QAM	1	0		18.80	18.89	18.78	19.5
		1	50		18.82	18.86	18.91	19.5
		1	99		18.74	18.74	18.76	19.5
		50	0		18.79	18.75	18.79	19.5
		50	25		18.68	18.76	18.75	19.5
		50	50		18.67	18.82	18.61	19.5
		100	0		18.89	18.82	18.80	19.5
	64QAM	1	0		18.62	18.71	18.81	19.5
		1	50		18.90	18.88	18.62	19.5
		1	99		18.92	18.81	18.79	19.5
		50	0		18.73	18.90	18.80	19.5
		50	25		18.80	18.70	18.79	19.5
		50	50		18.66	18.74	18.73	19.5
		100	0		18.74	18.75	18.83	19.5
	256QAM	1	0		18.74	18.56	18.67	19.5
		1	50		18.64	18.65	18.73	19.5
		1	99		18.55	18.70	18.75	19.5
		50	0		18.73	18.59	18.77	19.5
		50	25		18.64	18.52	18.82	19.5
		50	50		18.59	18.76	18.63	19.5
		100	0		18.59	18.49	18.76	19.5
BW	Modulation			Channel	37825	38000	38175	Max. Tune-up (dBm)
				Frequency (MHz)	2577.5	2595	2612.5	
15M	QPSK	1	0		18.72	18.94	18.82	19.5
		1	37		18.76	18.66	18.76	19.5
		1	74		18.75	18.68	18.61	19.5
		36	0		18.74	18.74	18.74	19.5
		36	19		18.62	18.65	18.71	19.5
		36	39		18.53	18.65	18.61	19.5
		75	0		18.70	18.88	18.75	19.5
	16QAM	1	0		18.81	18.89	18.75	19.5
		1	37		18.68	18.74	18.76	19.5
		1	74		18.67	18.76	18.68	19.5
		36	0		18.73	18.76	18.75	19.5
		36	19		18.71	18.64	18.78	19.5
		36	39		18.51	18.56	18.48	19.5
		75	0		18.78	18.79	18.72	19.5
	64QAM	1	0		18.77	18.67	18.70	19.5
		1	37		18.77	18.79	18.82	19.5
		1	74		18.65	18.68	18.70	19.5
		36	0		18.78	18.73	18.78	19.5
		36	19		18.66	18.67	18.64	19.5
		36	39		18.65	18.74	18.57	19.5
		75	0		18.82	18.76	18.70	19.5
	256QAM	1	0		18.61	18.46	18.60	19.5
		1	37		18.56	18.51	18.62	19.5
		1	74		18.43	18.69	18.71	19.5
		36	0		18.68	18.45	18.62	19.5
		36	19		18.61	18.45	18.70	19.5
		36	39		18.44	18.68	18.60	19.5
		75	0		18.46	18.37	18.67	19.5
BW	Modulation			Channel	37800	38000	38200	Max. Tune-up (dBm)
				Frequency (MHz)	2575	2595	2615	
10M	QPSK	1	0		18.71	18.94	18.82	19.5
		1	24		18.78	18.77	18.69	19.5
		1	49		18.73	18.78	18.70	19.5
		25	0		18.69	18.74	18.69	19.5
		25	12		18.67	18.65	18.73	19.5
		25	25		18.49	18.66	18.52	19.5
		50	0		18.73	18.84	18.75	19.5
	16QAM	1	0		18.71	18.94	18.82	19.5
		1	24		18.70	18.74	18.78	19.5
		1	49		18.69	18.78	18.68	19.5
		25	0		18.63	18.85	18.70	19.5
		25	12		18.67	18.67	18.70	19.5
		25	25		18.50	18.66	18.53	19.5
		50	0		18.78	18.85	18.71	19.5
	64QAM	1	0		18.74	18.67	18.71	19.5
		1	24		18.81	18.73	18.85	19.5
		1	49		18.73	18.62	18.74	19.5
		25	0		18.66	18.62	18.65	19.5
		25	12		18.66	18.65	18.68	19.5
		25	25		18.61	18.80	18.57	19.5
		50	0		18.87	18.69	18.72	19.5
	256QAM	1	0		18.59	18.48	18.60	19.5
		1	24		18.53	18.56	18.61	19.5
		1	49		18.53	18.57	18.70	19.5
		25	0		18.70	18.47	18.70	19.5
		25	12		18.53	18.41	18.81	19.5
		25	25		18.45	18.68	18.50	19.5
		50	0		18.55	18.42	18.72	19.5
BW	Modulation			Channel	37775	38000	38225	Max. Tune-up (dBm)
				Frequency (MHz)	2572.5	2595	2617.5	
5M	QPSK	1	0		18.78	18.85	18.82	19.5
		1	12		18.79	18.73	18.77	19.5
		1	24		18.77	18.77	18.73	19.5
		12	0		18.69	18.73	18.71	19.5
		12	6		18.62	18.56	18.74	19.5
		12	13		18.57	18.63	18.60	19.5
		25	0		18.69	18.81	18.82	19.5
	16QAM	1	0		18.80	18.90	18.85	19.5
		1	12		18.69	18.73	18.72	19.5
		1	24		18.68	18.71	18.64	19.5
		12	0		18.75	18.83	18.73	19.5
		12	6		18.64	18.58	18.67	19.5
		12	13		18.59	18.62	18.59	19.5
		25	0		18.67	18.77	18.72	19.5
	64QAM	1	0		18.73	18.59	18.66	19.5
		1	12		18.71	18.71	18.86	19.5
		1	24		18.63	18.64	18.64	19.5
		12	0		18.66	18.73	18.66	19.5
		12	6		18.54	18.73	18.64	19.5
		12	13		18.65	18.77	18.58	19.5
		25	0		18.86	18.73	18.69	19.5
	256QAM	1	0		18.66	18.41	18.54	19.5
		1	12		18.55	18.56	18.65	19.5
		1	24		18.47	18.57	18.62	19.5
		12	0		18.62	18.58	18.66	19.5
		12	6		18.57	18.45	18.78	19.5
		12	13		18.55	18.72	18.49	19.5
		25	0		18.49	18.34	18.65	19.5

LTE Band 38_Ant4

BW	Modulation	RB Size	RB Offset	Channel / Frequency (MHz)	Low	Mid	High	Max. Tune-up (dBm)
				Channel	37850	38000	38150	
				Frequency (MHz)	2580	2595	2610	
20M	QPSK	1	0		15.26	15.34	15.30	17
		1	50		15.43	15.45	**15.51**	17
		1	99		15.41	15.38	15.32	17
		50	0		15.36	15.41	15.44	17
		50	25		15.33	15.39	15.35	17
		50	50		15.28	15.34	15.30	17
		100	0		15.38	15.37	15.42	17
	16QAM	1	0		15.07	15.36	15.27	17
		1	50		15.14	15.28	15.12	17
		1	99		15.22	15.11	15.34	17
		50	0		15.06	15.17	15.39	17
		50	25		15.13	15.19	15.32	17
		50	50		15.27	15.37	15.21	17
		100	0		15.28	15.31	15.32	17
	64QAM	1	0		15.41	15.33	15.05	17
		1	50		15.01	15.17	15.19	17
		1	99		15.15	15.07	15.19	17
		50	0		15.20	15.18	15.10	17
		50	25		15.09	15.41	15.06	17
		50	50		15.26	15.33	15.38	17
		100	0		15.32	15.41	15.33	17
	256QAM	1	0		15.32	15.21	15.30	17
		1	50		15.21	15.27	15.32	17
		1	99		15.13	15.23	15.34	17
		50	0		15.26	15.15	15.28	17
		50	25		15.23	15.16	15.35	17
		50	50		15.07	15.37	15.22	17
		100	0		15.28	15.16	15.42	17
BW	Modulation			Channel	37825	38000	38175	Max. Tune-up (dBm)
				Frequency (MHz)	2577.5	2595	2612.5	
15M	QPSK	1	0		15.25	15.22	15.27	17
		1	37		15.33	15.34	15.37	17
		1	74		15.26	15.31	15.30	17
		36	0		15.29	15.26	15.35	17
		36	19		15.19	15.24	15.23	17
		36	39		15.24	15.19	15.16	17
		75	0		15.28	15.29	15.38	17
	16QAM	1	0		15.12	15.21	15.15	17
		1	37		15.13	15.22	15.11	17
		1	74		15.10	15.05	15.28	17
		36	0		15.15	15.10	15.35	17
		36	19		15.03	15.17	15.31	17
		36	39		15.13	15.22	15.13	17
		75	0		15.13	15.25	15.29	17
	64QAM	1	0		15.33	15.23	15.10	17
		1	37		15.20	15.08	15.14	17
		1	74		15.01	15.06	15.04	17
		36	0		15.19	15.15	15.08	17
		36	19		15.04	15.33	15.11	17
		36	39		15.15	15.29	15.32	17
		75	0		15.28	15.26	15.22	17
	256QAM	1	0		15.27	15.13	15.26	17
		1	37		15.11	15.20	15.31	17
		1	74		15.19	15.19	15.27	17
		36	0		15.16	15.13	15.15	17
		36	19		15.22	15.01	15.26	17
		36	39		15.02	15.32	15.20	17
		75	0		15.14	15.11	15.36	17
BW	Modulation			Channel	37800	38000	38200	Max. Tune-up (dBm)
				Frequency (MHz)	2575	2595	2615	
10M	QPSK	1	0		15.13	15.26	15.19	17
		1	24		15.32	15.35	15.48	17
		1	49		15.29	15.24	15.24	17
		25	0		15.35	15.34	15.41	17
		25	12		15.22	15.34	15.22	17
		25	25		15.24	15.29	15.26	17
		50	0		15.35	15.24	15.28	17
	16QAM	1	0		15.01	15.23	15.15	17
		1	24		15.04	15.27	15.08	17
		1	49		15.11	15.16	15.21	17
		25	0		15.05	15.11	15.32	17
		25	12		15.09	15.04	15.26	17
		25	25		15.12	15.25	15.11	17
		50	0		15.22	15.19	15.28	17
	64QAM	1	0		15.37	15.28	15.00	17
		1	24		15.15	15.14	15.16	17
		1	49		15.06	15.13	15.15	17
		25	0		15.19	15.13	15.09	17
		25	12		15.18	15.32	15.13	17
		25	25		15.14	15.26	15.28	17
		50	0		15.20	15.30	15.18	17
	256QAM	1	0		15.27	15.10	15.29	17
		1	24		15.07	15.23	15.20	17
		1	49		15.20	15.17	15.20	17
		25	0		15.25	15.03	15.24	17
		25	12		15.20	15.08	15.31	17
		25	25		15.06	15.34	15.10	17
		50	0		15.18	15.10	15.30	17
BW	Modulation			Channel	37775	38000	38225	Max. Tune-up (dBm)
				Frequency (MHz)	2572.5	2595	2617.5	
5M	QPSK	1	0		15.24	15.33	15.20	17
		1	12		15.31	15.35	15.39	17
		1	24		15.32	15.27	15.22	17
		12	0		15.30	15.39	15.41	17
		12	6		15.28	15.33	15.30	17
		12	13		15.26	15.31	15.20	17
		25	0		15.28	15.29	15.34	17
	16QAM	1	0		15.06	15.24	15.26	17
		1	12		15.05	15.22	15.06	17
		1	24		15.16	15.07	15.30	17
		12	0		15.01	15.13	15.36	17
		12	6		15.19	15.15	15.26	17
		12	13		15.14	15.31	15.20	17
		25	0		15.13	15.24	15.28	17
	64QAM	1	0		15.36	15.31	15.03	17
		1	12		15.07	15.07	15.08	17
		1	24		15.02	15.04	15.07	17
		12	0		15.12	15.12	15.07	17
		12	6		15.02	15.27	15.12	17
		12	13		15.11	15.26	15.33	17
		25	0		15.26	15.40	15.23	17
	256QAM	1	0		15.22	15.06	15.23	17
		1	12		15.06	15.13	15.18	17
		1	24		15.01	15.16	15.23	17
		12	0		15.25	15.01	15.23	17
		12	6		15.14	15.14	15.30	17
		12	13		15.18	15.27	15.21	17
		25	0		15.24	15.09	15.33	17

LTE Band 38_Ant4 For DSDA&ENDC

BW	Modulation	RB Size	RB Offset	Channel / Frequency (MHz)	Low	Mid	High	Max. Tune-up (dBm)
				Channel	37850	38000	38150	
				Frequency (MHz)	2580	2595	2610	
20M	QPSK	1	0		14.31	14.29	14.27	16
		1	50		14.44	14.40	**14.51**	16
		1	99		14.34	14.35	14.27	16
		50	0		14.31	14.38	14.42	16
		50	25		14.29	14.31	14.37	16
		50	50		14.24	14.33	14.24	16
		100	0		14.38	14.39	14.41	16
	16QAM	1	0		14.22	14.32	14.33	16
		1	50		14.43	14.38	14.46	16
		1	99		14.47	14.36	14.31	16
		50	0		14.34	14.41	14.41	16
		50	25		14.39	14.33	14.40	16
		50	50		14.23	14.26	14.28	16
		100	0		14.43	14.33	14.40	16
	64QAM	1	0		14.02	14.39	14.31	16
		1	50		14.15	14.29	14.18	16
		1	99		14.25	14.14	14.32	16
		50	0		14.02	14.16	14.37	16
		50	25		14.18	14.17	14.28	16
		50	50		14.24	14.42	14.19	16
		100	0		14.24	14.36	14.35	16
	256QAM	1	0		14.27	14.15	14.29	16
		1	50		14.20	14.19	14.30	16
		1	99		14.17	14.24	14.33	16
		50	0		14.27	14.14	14.32	16
		50	25		14.22	14.14	14.31	16
		50	50		14.11	14.38	14.24	16
		100	0		14.20	14.11	14.36	16
BW	Modulation			Channel	37825	38000	38175	Max. Tune-up (dBm)
				Frequency (MHz)	2577.5	2595	2612.5	
15M	QPSK	1	0		14.24	14.17	14.16	16
		1	37		14.40	14.31	14.43	16
		1	74		14.25	14.21	14.15	16
		36	0		14.19	14.34	14.30	16
		36	19		14.15	14.27	14.24	16
		36	39		14.21	14.31	14.12	16
		75	0		14.36	14.37	14.40	16
	16QAM	1	0		14.30	14.21	14.26	16
		1	37		14.34	14.38	14.42	16
		1	74		14.25	14.22	14.18	16
		36	0		14.18	14.29	14.33	16
		36	19		14.16	14.20	14.28	16
		36	39		14.21	14.24	14.14	16
		75	0		14.25	14.29	14.39	16
	64QAM	1	0		14.11	14.25	14.21	16
		1	37		14.41	14.28	14.39	16
		1	74		14.39	14.28	14.27	16
		36	0		14.19	14.28	14.27	16
		36	19		14.27	14.31	14.38	16
		36	39		14.09	14.25	14.14	16
		75	0		14.31	14.22	14.27	16
	256QAM	1	0		14.26	14.11	14.27	16
		1	37		14.09	14.08	14.21	16
		1	74		14.10	14.13	14.23	16
		36	0		14.23	14.06	14.27	16
		36	19		14.15	13.99	14.27	16
		36	39		13.98	14.24	14.15	16
		75	0		14.16	14.00	14.30	16
BW	Modulation			Channel	37800	38000	38200	Max. Tune-up (dBm)
				Frequency (MHz)	2575	2595	2615	
10M	QPSK	1	0		14.20	14.19	14.21	16
		1	24		14.40	14.32	14.37	16
		1	49		14.22	14.21	14.26	16
		25	0		14.22	14.31	14.27	16
		25	12		14.28	14.25	14.32	16
		25	25		14.18	14.23	14.23	16
		50	0		14.31	14.26	14.35	16
	16QAM	1	0		14.29	14.25	14.13	16
		1	24		14.39	14.26	14.39	16
		1	49		14.27	14.29	14.24	16
		25	0		14.26	14.26	14.34	16
		25	12		14.18	14.30	14.26	16
		25	25		14.22	14.27	14.21	16
		50	0		14.30	14.25	14.29	16
	64QAM	1	0		14.11	14.24	14.28	16
		1	24		14.36	14.27	14.34	16
		1	49		14.37	14.31	14.25	16
		25	0		14.21	14.39	14.35	16
		25	12		14.29	14.32	14.27	16
		25	25		14.22	14.22	14.16	16
		50	0		14.36	14.22	14.28	16
	256QAM	1	0		14.14	14.01	14.14	16
		1	24		14.16	14.05	14.16	16
		1	49		14.03	14.13	14.29	16
		25	0		14.21	14.06	14.22	16
		25	12		14.16	14.08	14.21	16
		25	25		14.01	14.37	14.21	16
		50	0		14.09	13.99	14.34	16
BW	Modulation			Channel	37775	38000	38225	Max. Tune-up (dBm)
				Frequency (MHz)	2572.5	2595	2617.5	
5M	QPSK	1	0		14.29	14.22	14.12	16
		1	12		14.33	14.29	14.50	16
		1	24		14.23	14.21	14.25	16
		12	0		14.30	14.28	14.36	16
		12	6		14.15	14.26	14.32	16
		12	13		14.13	14.18	14.21	16
		25	0		14.32	14.37	14.32	16
	16QAM	1	0		14.26	14.23	14.23	16
		1	12		14.37	14.34	14.44	16
		1	24		14.32	14.24	14.26	16
		12	0		14.17	14.34	14.35	16
		12	6		14.17	14.26	14.26	16
		12	13		14.23	14.24	14.18	16
		25	0		14.24	14.30	14.38	16
	64QAM	1	0		14.18	14.21	14.20	16
		1	12		14.33	14.24	14.40	16
		1	24		14.38	14.21	14.28	16
		12	0		14.25	14.36	14.32	16
		12	6		14.38	14.30	14.38	16
		12	13		14.10	14.15	14.23	16
		25	0		14.36	14.18	14.28	16
	256QAM	1	0		14.16	14.10	14.18	16
		1	12		14.09	14.14	14.21	16
		1	24		14.07	14.16	14.29	16
		12	0		14.20	14.04	14.25	16
		12	6		14.14	14.11	14.30	16
		12	13		13.99	14.28	14.23	16
		25	0		14.17	14.03	14.24	16

LTE DSI1

LTE Band 41_Ant0

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max Tune-up (dBm)
		Channel		39750	40100	40620	41090	41490	
		Frequency (MHz)		2506	2540.0	2595	2639.0	2680	
20M	QPSK	1	0	23.86	23.73	23.41	23.02	23.39	24.5
		1	50	23.71	23.69	23.76	23.49	23.92	24.5
		1	99	23.63	23.60	23.62	23.26	23.35	24.5
		50	0	22.86	22.82	22.85	22.48	22.86	23.5
		50	25	22.84	22.79	22.82	22.45	22.39	23.5
		50	50	22.83	22.79	22.80	22.41	22.42	23.5
		100	0	22.84	22.81	22.83	22.44	22.45	23.5
	16QAM	1	0	22.86	22.67	22.73	22.24	22.33	23.5
		1	50	22.76	22.64	22.86	22.38	22.45	23.5
		1	99	22.65	22.45	22.59	22.23	22.32	23.5
		50	0	21.92	21.79	21.87	21.39	21.86	22.5
		50	25	21.86	21.67	21.89	21.42	21.47	22.5
		50	50	21.86	21.77	21.82	21.39	21.45	22.5
		100	0	21.85	21.76	21.86	21.39	21.35	22.5
	64QAM	1	0	21.91	21.82	21.89	21.42	21.53	22.5
		1	50	21.88	21.78	21.89	21.33	21.46	22.5
		1	99	21.74	21.69	21.76	21.27	21.32	22.5
		50	0	20.90	20.85	20.91	20.39	20.81	21.5
		50	25	20.88	20.81	20.87	20.39	20.46	21.5
		50	50	20.88	20.79	20.84	20.35	20.40	21.5
		100	0	20.86	20.79	20.79	20.3	20.31	21.5
	256QAM	1	0	18.66	18.76	18.82	18.3	18.61	19.5
		1	50	18.84	18.73	18.85	18.43	18.57	19.5
		1	99	18.61	18.53	18.55	18.31	18.32	19.5
		50	0	18.56	18.68	18.71	18.24	18.44	19.5
		50	25	18.86	18.69	18.70	18.27	18.41	19.5
		50	50	18.79	18.67	18.70	18.24	18.39	19.5
		100	0	18.84	18.66	18.73	18.41	18.43	19.5

BW	Modulation	Channel		39726	40072	40620	41088	41510	Max Tune-up (dBm)
		Frequency (MHz)		2503.5	2538.0	2595	2637.6	2680.0	
15M	QPSK	1	0	23.81	23.69	23.73	23.43	23.23	24.5
		1	37	23.67	23.58	23.70	23.42	23.20	24.5
		1	74	23.50	23.52	23.60	23.24	23.23	24.5
		36	0	22.86	22.78	22.79	22.34	22.44	23.5
		36	19	22.77	22.69	22.72	22.36	22.27	23.5
		36	39	22.76	22.58	22.75	22.26	22.31	23.5
		75	0	22.72	22.68	22.72	22.26	22.4	23.5
	16QAM	1	0	22.86	22.56	22.59	22.1	22.21	23.5
		1	37	22.75	22.76	22.71	22.23	22.22	23.5
		1	74	22.62	22.38	22.55	22.19	22.09	23.5
		36	0	21.77	21.70	21.73	21.31	21.52	22.5
		36	19	21.75	21.73	21.82	21.39	21.42	22.5
		36	39	21.71	21.64	21.70	21.35	21.36	22.5
		75	0	21.76	21.65	21.78	21.17	21.31	22.5
	64QAM	1	0	21.76	21.76	21.78	21.12	21.32	22.5
		1	37	21.75	21.73	21.87	21.2	21.4	22.5
		1	74	21.70	21.68	21.73	21.28	21.25	22.5
		36	0	20.77	20.73	20.90	20.24	20.34	21.5
		36	19	20.75	20.86	20.75	20.32	20.37	21.5
		36	39	20.72	20.57	20.69	20.20	20.24	21.5
		75	0	20.80	20.68	20.86	20.1	20.25	21.5
	256QAM	1	0	18.91	18.74	18.69	18.25	18.39	19.5
		1	37	18.81	18.68	18.67	18.24	18.42	19.5
		1	74	18.53	18.52	18.46	18.2	18.21	19.5
		36	0	18.75	18.53	18.64	18.2	18.29	19.5
		36	19	18.77	18.55	18.45	18.25	18.3	19.5
		36	39	18.68	18.59	18.67	18.31	18.22	19.5
		75	0	18.80	18.43	18.49	18.26	18.29	19.5

BW	Modulation	Channel		39700	40100	40620	41090	41540	Max Tune-up (dBm)
		Frequency (MHz)		2501	2540	2595	2639	2685	
10M	QPSK	1	0	23.75	23.67	23.68	23.41	23.07	24.5
		1	24	23.56	23.54	23.70	23.43	23.03	24.5
		1	49	23.53	23.57	23.68	23.23	23.15	24.5
		25	0	22.81	22.76	22.72	22.33	22.44	23.5
		25	12	22.75	22.64	22.73	22.35	22.24	23.5
		25	25	22.79	22.61	22.78	22.33	22.33	23.5
	16QAM	1	0	22.82	22.71	22.79	22.42	22.35	23.5
		1	24	22.72	22.62	22.75	22.38	22.43	23.5
		1	49	22.62	22.57	22.46	22.19	22.17	23.5
		25	0	21.85	21.73	21.82	21.17	21.35	22.5
		25	12	21.85	21.79	21.89	21.27	21.39	22.5
		25	25	21.73	21.69	21.77	21.37	21.29	22.5
	64QAM	1	0	21.82	21.71	21.81	21.34	21.26	22.5
		1	24	21.86	21.85	21.85	21.12	21.32	22.5
		1	49	21.67	21.58	21.75	21.2	21.27	22.5
		25	0	20.82	20.79	20.90	20.21	20.38	21.5
		25	12	20.88	20.72	20.76	20.27	20.31	21.5
		25	25	20.84	20.49	20.60	20.23	20.25	21.5
	256QAM	1	0	20.93	20.69	20.73	20.11	20.17	21.5
		1	24	18.78	18.68	18.86	18.17	18.29	19.5
		1	49	18.77	18.68	18.71	18.4	18.54	19.5
		25	0	18.67	18.44	18.53	18.21	18.29	19.5
		25	12	18.82	18.54	18.62	18.33	18.38	19.5
		25	25	18.81	18.63	18.49	18.19	18.29	19.5
		25	25	18.76	18.53	18.68	18.28	18.38	19.5

BW	Modulation	Channel		39676	40100	40620	41090	41564	Max Tune-up (dBm)
		Frequency (MHz)		2499.5	2540.0	2595	2640.0	2687.5	
5M	QPSK	1	0	23.71	23.65	23.79	23.27	23.05	24.5
		1	12	23.62	23.66	23.71	23.4	23.28	24.5
		1	24	23.62	23.54	23.56	23.2	23.24	24.5
		12	0	22.86	22.86	22.75	22.42	22.34	23.5
		12	6	22.88	22.64	22.79	22.43	22.38	23.5
		12	13	22.78	22.63	22.77	22.33	22.33	23.5
		25	0	22.78	22.73	22.75	22.36	22.36	23.5
	16QAM	1	0	22.85	22.65	22.89	22.71	22.29	23.5
		1	12	22.84	22.69	22.86	22.27	22.25	23.5
		1	24	22.62	22.31	22.59	22.09	22.17	23.5
		12	0	21.84	21.73	21.77	21.31	21.3	22.5
		12	6	21.79	21.73	21.79	21.33	21.4	22.5
		12	13	21.82	21.66	21.71	21.36	21.35	22.5
		25	0	21.82	21.75	21.79	21.25	21.31	22.5
	64QAM	1	0	21.87	21.68	21.75	21.13	21.27	22.5
		1	12	21.87	21.68	21.89	21.23	21.43	22.5
		1	24	21.70	21.60	21.66	21.19	21.23	22.5
		12	0	20.86	20.75	20.76	20.3	20.5	21.5
		12	6	20.84	20.72	20.79	20.32	20.37	21.5
		12	13	20.86	20.67	20.68	20.15	20.21	21.5
		25	0	20.83	20.59	20.66	20.15	20.24	21.5
	256QAM	1	0	18.79	18.61	18.79	18.23	18.29	19.5
		1	12	18.75	18.67	18.69	18.28	18.5	19.5
		1	24	18.48	18.47	18.40	18.16	18.26	19.5
		12	0	18.79	18.63	18.72	18.22	18.32	19.5
		12	6	18.74	18.63	18.71	18.18	18.39	19.5
		12	13	18.68	18.52	18.68	18.24	18.24	19.5
		25	0	18.62	18.55	18.69	18.39	18.38	19.5

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BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max Tune-up (dBm)
		Channel		39750	40100	40620	41090	41490	
		Frequency (MHz)		2506	2540.0	2595	2639.0	2680	
20M	QPSK	1	0	17.38	17.26	17.27	17.02	17.34	18
		1	50	17.31	17.26	17.23	17.15	17.22	18
		1	99	17.27	17.20	17.29	17.21	17.25	18
		50	0	17.20	17.17	17.25	17.14	17.19	18
		50	25	17.32	17.26	17.28	17.15	17.26	18
		50	50	17.33	17.11	17.24	17.09	17.17	18
		100	0	17.38	17.32	17.36	17.15	17.34	18
	16QAM	1	0	17.38	16.93	17.26	17.09	17.26	18
		1	50	17.09	16.91	17.14	16.97	16.89	18
		1	99	17.16	17.10	16.97	16.82	17.31	18
		50	0	16.97	16.92	17.10	17.02	17.25	18
		50	25	17.11	17.11	17.13	16.97	17.2	18
		50	50	17.16	17.26	17.26	17.14	17.09	18
		100	0	17.13	17.15	17.20	17.03	17.3	18
	64QAM	1	0	17.02	17.25	17.24	17.02	16.99	18
		1	50	16.98	16.99	17.06	16.93	17.13	18
		1	99	17.12	17.04	17.06	16.88	17.09	18
		50	0	17.14	17.01	17.08	16.93	17.05	18
		50	25	17.08	16.99	17.29	17.14	17.02	18
		50	50	17.20	17.15	17.26	17.14	17.34	18
		100	0	17.18	17.09	17.20	17.13	17.28	18
	256QAM	1	0	17.03	17.11	17.15	17	17.17	18
		1	50	17.06	16.91	17.16	17.03	17.19	18
		1	99	17.03	16.92	17.16	16.99	17.29	18
		50	0	16.97	16.98	17.16	16.94	17.25	18
		50	25	17.16	17.15	17.16	16.94	17.19	18
		50	50	17.16	17.22	17.23	17.14	17.04	18
		100	0	17.13	17.08	17.03	16.94	17.32	18

BW	Modulation	Channel		39726	40072	40620	41088	41510	Max Tune-up (dBm)
		Frequency (MHz)		2503.5	2538.0	2595	2637.6	2680.0	
15M	QPSK	1	0	17.28	17.25	17.34	17.22	17.23	18
		1	37	17.34	17.29	17.17	17.13	17.21	18
		1	74	17.18	17.09	17.26	17.06	17.16	18
		36	0	17.22	17.08	17.29	17.01	17.15	18
		36	19	17.26	17.24	17.13	17.13	17.14	18
		36	39	17.12	16.98	17.22	16.99	17.11	18
		75	0	17.12	17.06	17.22	17.02	17.2	18
	16QAM	1	0	16.84	16.84	17.19	17.00	17.23	18
		1	37	16.97	16.98	16.89	16.91	17.16	18
		1	74	17.07	16.99	16.90	16.72	17.24	18
		36	0	16.98	16.91	17.00	16.87	17.15	18
		36	19	16.94	16.91	17.06	17.10	16.94	17.11	18
		36	39	17.02	17.25	17.14	17.05	16.84	18
		75	0	17.04	16.97	17.00	16.94	17.16	18
	64QAM	1	0	17.31	17.22	17.10	16.97	16.85	18
		1	37	16.98	16.92	17.02	16.70	17	18
		1	74	16.97	17.04	16.99	16.81	17.05	18
		36	0	17.06	16.87	17.00	16.88	16.9	18
		36	19	16.94	16.85	17.21	17.14	16.91	18
		36	39	17.10	17.14	17.14	17.07	17.22	18
		75	0	17.12	17.02	17.23	17.12	17.19	18
	256QAM	1	0	17.12	17.05	17.11	16.90	17.12	18
		1	37	17.06	17.01	17.11	16.93	17.16	18
		1	74	16.96	16.81	17.12	16.99	17.15	18
		36	0	17.07	17.04	16.87	16.93	17.12	18
		36	19	17.10	17.09	16.85	16.93	17.28	18
		36	39	16.97	16.92	17.19	17.05	17	18
		75	0	17.00	17.04	16.91	16.79	17.24	18

BW	Modulation	Channel		39700	40100	40620	41090	41540	Max Tune-up (dBm)
		Frequency (MHz)		2501	2540	2595	2639	2685	
10M	QPSK	1	0	17.34	17.23	17.28	17.21	17.31	18
		1	24	17.36	17.22	17.16	17.00	17.27	18
		1	49	17.26	17.16	17.16	17.07	17.14	18
		25	0	17.16	17.11	17.18	16.99	17.13	18
		25	12	17.22	17.22	17.23	17.01	17.16	18
		25	25	16.98	17.16	17.19	16.94	17.05	18
	16QAM	1	0	17.36	17.16	17.19	17.08	17.2	18
		1	24	16.97	16.79	17.01	16.96	16.89	18
		1	49	17.09	17.03	16.95	16.79	17.23	18
		25	0	16.94	16.89	17.14	16.97	17.01	18
		25	12	16.98	17.03	17.01	16.98	17.05	18
		25	25	17.16	17.14	17.23	17.07	17.08	18
	64QAM	1	0	17.01	17.07	17.14	17.00	17.15	18
		1	24	17.06	17.06	17.13	16.94	16.82	18
		1	49	16.88	16.79	16.93	16.73	17.04	18
		25	0	17.06	16.96	16.96	16.82	17.05	18
		25	12	17.02	17.01	17.05	16.83	17.02	18
		25	25	16.98	16.98	17.13	17.09	16.96	18
	256QAM	1	0	17.06	17.03	16.93	16.90	17.19	18
		1	24	17.06	17.04	16.91	16.79	17.24	18
		1	49	16.93	16.82	17.11	16.97	17.10	18
		25	0	17.06	17.05	16.88	16.86	17.13	18
		25	12	16.96	16.98	17.13	16.96	17.21	18
		25	25	16.98	16.88	17.13	17.09	16.86	18
		50	0	17.04	17.03	16.93	16.90	17.19	18

BW	Modulation	Channel		39676	40100	40620	41090	41564	Max Tune-up (dBm)
		Frequency (MHz)		2499.5	2540.0	2595	2640.0	2687.5	
5M	QPSK	1	0	17.27	17.27	17.25	17.25	17.32	18
		1	12	17.27	17.12	17.12	17.07	17.28	18
		1	24	17.19	17.15	17.26	17.06	17.23	18
		12	0	17.30	17.13	17.16	17.02	17.09	18
		12	6	17.39	17.24	17.27	17.14	17.2	18
		12	13	17.13	17.12	17.13	16.99	17.03	18
		25	0	17.37	17.23	17.26	17.06	17.24	18
	16QAM	1	0	16.97	16.92	17.15	17.02	17.14	18
		1	12	16.88	16.95	16.99	16.97	16.93	18
		1	24	17.02	17.01	16.87	16.87	17.16	18
		12	0	16.92	16.75	17.00	16.99	17.24	18
		12	6	16.99	17.07	17.02	16.89	17.05	18
		12	13	17.00	16.97	17.07	16.97	17.07	18
		25	0	16.98	17.09	17.15	16.89	17.23	18
	64QAM	1	0	17.06	17.28	17.22	16.97	16.84	18
		1	12	16.95	16.97	17.05	16.79	17.07	18
		1	24	17.06	16.96	16.93	16.79	17.01	18
		12	0	17.04	16.91	17.15	16.93	17.01	18
		12	6	16.94	16.97	17.22	17.14	16.89	18
		12	13	17.06	17.04	17.02	17.13	17.1	18
		25	0	17.06	17.04	17.09	17.01	17.27	18
	256QAM	1	0	17.04	16.91	17.15	16.98	17.13	18
		1	12	16.94	16.77	16.93	17.07	16.93	17.15	18
		1	24	16.94	16.74	17.10	16.99	17.22	18
		12	0	17.01	17.07	17.03	16.97	16.79	17.27	18
		12	6	17.13	17.16	17.00	17.01	17.16	18
		12	13	16.94	16.95	17.15	16.99	17.02	18
		25	0	17.07	17.06	17.03	16.99	17.27	18

LTE Band 41_Ant2For DSDA

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max Tune-up (dBm)
		Channel		39750	40100	40620	41090	41490	
		Frequency (MHz)		2506	2540.0	2595	2639.0	2680	
20M	QPSK	1	0	14.84	14.79	14.86	14.84	14.91	15.5
		1	50	14.85	14.77	14.81	14.7	14.79	15.5
		1	99	14.75	14.74	14.82	14.76	14.71	15.5
		50	0	14.72	14.62	14.73	14.68	14.69	15.5
		50	25	14.77	14.73	14.72	14.69	14.72	15.5
		50	50	14.57	14.68	14.69	14.64	14.66	15.5
		100	0	14.92	14.69	14.90	14.67	14.89	15.5
	16QAM	1	0	14.63	14.76	14.79	14.58	14.84	15.5
		1	50	14.69	14.75	14.80	14.66	14.84	15.5
		1	99	14.76	14.66	14.87	14.75	14.79	15.5
		50	0	14.57	14.59	14.79	14.58	14.76	15.5
		50	25	14.80	14.77	14.83	14.72	14.82	15.5
		50	50	14.69	14.64	14.80	14.67	14.74	15.5
		100	0	14.83	14.85	14.91	14.68	14.81	15.5
	64QAM	1	0	14.55	14.36	14.75	14.66	14.83	15.5
		1	50	14.53	14.35	14.64	14.42	14.47	15.5
		1	99	14.69	14.49	14.51	14.29	14.76	15.5
		50	0	14.46	14.32	14.69	14.5	14.72	15.5
		50	25	14.57	14.47	14.59	14.47	14.69	15.5
		50	50	14.62	14.73	14.77	14.72	14.68	15.5
		100	0	14.68	14.62	14.66	14.51	14.84	15.5
	256QAM	1	0	14.61	14.67	14.61	14.52	14.66	15.5
		1	50	14.68	14.66	14.66	14.54	14.69	15.5
		1	99	14.55	14.38	14.73	14.46	14.71	15.5
		50	0	14.52	14.39	14.63	14.53	14.63	15.5
		50	25	14.68	14.49	14.66	14.56	14.76	15.5
		50	50	14.68	14.49	14.76	14.64	14.71	15.5
		100	0	14.66	14.64	14.54	14.51	14.69	15.5

BW	Modulation	Channel		39726	40072	40620	41088	41510	Max Tune-up (dBm)
		Frequency (MHz)		2503.5	2538.0	2595	2637.6	2680.0	
15M	QPSK	1	0	14.88	14.76	14.85	14.7	14.68	15.5
		1	37	14.79	14.72	14.87	14.57	14.64	15.5
		1	74	14.74	14.69	14.68	14.73	14.6	15.5
		36	0	14.68	14.57	14.69	14.73	14.72	15.5
		36	19	14.73	14.61	14.68	14.54	14.61	15.5
		36	39	14.44	14.56	14.59	14.51	14.54	15.5
		75	0	14.64	14.79	14.76	14.66	14.68	15.5
	16QAM	1	0	14.84	14.45	14.77	14.71	14.73	15.5
		1	37	14.78	14.64	14.71	14.55	14.67	15.5
		1	74	14.66	14.71	14.79	14.75	14.64	15.5
		36	0	14.71	14.58	14.74	14.57	14.68	15.5
		36	19	14.67	14.51	14.67	14.63	14.74	15.5
		36	39	14.56	14.59	14.62	14.57	14.56	15.5
		75	0	14.64	14.76	14.68	14.63	14.79	15.5
	64QAM	1	0	14.90	14.59	14.87	14.71	14.74	15.5
		1	37	14.64	14.66	14.59	14.58	14.76	15.5
		1	74	14.63	14.62	14.77	14.67	14.79	15.5
		36	0	14.58	14.52	14.62	14.54	14.63	15.5
		36	19	14.69	14.71	14.79	14.62	14.72	15.5
		36	39	14.67	14.52	14.67	14.60	14.69	15.5
		75	0	14.79	14.77	14.79	14.68	14.7	15.5
	256QAM	1	0	14.74	14.42	14.59	14.46	14.55	15.5
		1	37	14.59	14.49	14.64	14.46	14.61	15.5
		1	74	14.42	14.34	14.70	14.39	14.6	15.5
		36	0	14.64	14.46	14.46	14.47	14.78	15.5
		36	19	14.53	14.49	14.64	14.46	14.61	15.5
		36	39	14.51	14.44	14.62	14.39	14.64	15.5
		75	0	14.53	14.53	14.53	14.39	14.64	15.5

BW	Modulation	Channel		39700	40100	40620	41090	41540	Max Tune-up (dBm)
		Frequency (MHz)		2501	2540	2595	2639	2685	
10M	QPSK	1	0	14.91	14.89	14.79	14.91	14.71	15.5
		1	24	14.84	14.73	14.72	14.59	14.73	15.5
		1	49	14.84	14.79	14.77	14.68	14.74	15.5
		25	0	14.61	14.50	14.60	14.63	14.59	15.5
		25	12	14.79	14.68	14.64	14.65	14.61	15.5
		25	25	14.48	14.62	14.59	14.54	14.57	15.5
	16QAM	1	0	14.79	14.48	14.65	14.62	14.73	15.5
		1	24	14.79	14.76	14.77	14.81	14.76	15.5
		1	49	14.79	14.62	14.69	14.62	14.64	15.5
		25	0	14.62	14.62	14.67	14.71	14.76	15.5
		25	12	14.71	14.60	14.69	14.65	14.6	15.5
		25	25	14.74	14.79	14.69	14.54	14.68	15.5
	64QAM	1	0	14.63	14.69	14.63	14.55	14.6	15.5
		1	24	14.92	14.84	14.92	14.92	14.81	15.5
		1	49	14.62	14.60	14.65	14.67	14.76	15.5
		25	0	14.53	14.52	14.64	14.57	14.62	15.5
		25	12	14.59	14.68	14.67	14.61	14.67	15.5
		25	25	14.64	14.61	14.68	14.64	14.73	15.5
	256QAM	1	0	14.71	14.77	14.61	14.62	14.68	15.5
		1	24	14.58	14.48	14.69	14.56	14.68	15.5
		1	49	14.64	14.57	14.70	14.54	14.57	15.5
		25	0	14.62	14.60	14.65	14.67	14.76	15.5
		25	12	14.59	14.68	14.68	14.61	14.67	15.5
		25	25	14.65	14.39	14.73	14.47	14.55	15.5

BW	Modulation	Channel		39676	40100	40620	41090	41564	Max Tune-up (dBm)
		Frequency (MHz)		2499.5	2540.0	2595	2640.0	2687.5	
5M	QPSK	1	0	14.87	14.82	14.79

LTE DSI1

LTE Band 41_Ant3 For DSDA

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	18.92	18.68	18.78	18.75	18.77	20
		1	50	18.75	18.64	18.75	18.56	18.72	20
		1	99	18.61	18.65	18.70	18.71	18.59	20
		50	0	18.62	18.49	18.63	18.55	18.58	20
		50	25	18.73	18.67	18.68	18.68	18.59	20
		50	50	18.42	18.64	18.67	18.54	18.55	20
		100	0	18.86	18.77	18.80	18.58	18.85	20
	16QAM	1	0	18.88	18.71	18.77	18.71	18.75	20
		1	50	18.71	18.70	18.72	18.58	18.64	20
		1	99	18.60	18.68	18.73	18.69	18.62	20
		50	0	18.58	18.55	18.65	18.65	18.54	20
		50	25	18.64	18.58	18.71	18.6	18.66	20
		50	50	18.42	18.59	18.66	18.49	18.58	20
		100	0	18.87	18.85	18.87	18.58	18.87	20
	64QAM	1	0	18.84	18.61	18.76	18.74	18.72	20
		1	50	18.85	18.72	18.73	18.63	18.73	20
		1	99	18.68	18.52	18.75	18.69	18.75	20
		50	0	18.66	18.47	18.61	18.52	18.73	20
		50	25	18.74	18.72	18.70	18.67	18.75	20
		50	50	18.59	18.56	18.66	18.55	18.7	20
		100	0	18.68	18.76	18.81	18.64	18.79	20
	256QAM	1	0	18.74	18.64	18.60	19.5	18.58	20
		1	50	18.59	18.46	18.58	18.45	18.54	20
		1	99	18.42	18.30	18.71	18.39	18.59	20
		50	0	18.65	18.46	18.45	18.37	18.74	20
		50	25	18.65	18.58	18.45	18.5	18.75	20
		50	50	18.49	18.39	18.73	18.59	18.62	20
		100	0	18.59	18.63	18.47	18.45	18.66	20
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	18.86	18.66	18.63	18.64	18.72	20
		1	37	18.68	18.51	18.61	18.43	18.65	20
		1	74	18.46	18.53	18.66	18.69	18.44	20
		36	0	18.60	18.47	18.48	18.44	18.56	20
		36	19	18.58	18.53	18.65	18.64	18.58	20
		36	39	18.39	18.57	18.66	18.46	18.41	20
		75	0	18.84	18.66	18.76	18.43	18.72	20
	16QAM	1	0	18.88	18.67	18.74	18.68	18.76	20
		1	37	18.72	18.58	18.63	18.45	18.57	20
		1	74	18.60	18.53	18.62	18.70	18.53	20
		36	0	18.56	18.37	18.49	18.46	18.46	20
		36	19	18.67	18.60	18.57	18.62	18.49	20
		36	39	18.30	18.57	18.52	18.51	18.49	20
		75	0	18.87	18.69	18.74	18.52	18.82	20
	64QAM	1	0	18.80	18.59	18.65	18.69	18.71	20
		1	37	18.67	18.67	18.70	18.43	18.57	20
		1	74	18.47	18.53	18.71	18.65	18.53	20
		36	0	18.53	18.45	18.51	18.59	18.39	20
		36	19	18.51	18.51	18.65	18.58	18.64	20
		36	39	18.32	18.51	18.65	18.47	18.49	20
		75	0	18.75	18.74	18.85	18.52	18.81	20
	256QAM	1	0	18.63	18.52	18.46	18.36	18.44	20
		1	37	18.56	18.37	18.46	18.35	18.42	20
		1	74	18.41	18.23	18.59	18.34	18.53	20
		36	0	18.54	18.42	18.31	18.22	18.64	20
		36	19	18.60	18.49	18.38	18.38	18.74	20
		36	39	18.45	18.25	18.65	18.47	18.61	20
		75	0	18.49	18.57	18.34	18.34	18.58	20
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	18.82	18.62	18.64	18.72	18.68	20
		1	24	18.71	18.58	18.72	18.47	18.61	20
		1	49	18.48	18.59	18.61	18.67	18.58	20
		25	0	18.61	18.41	18.49	18.54	18.44	20
		25	12	18.71	18.55	18.60	18.57	18.53	20
		25	25	18.27	18.59	18.59	18.47	18.43	20
		50	0	18.87	18.62	18.76	18.46	18.76	20
	16QAM	1	0	18.85	18.57	18.72	18.66	18.62	20
		1	24	18.71	18.56	18.65	18.53	18.66	20
		1	49	18.58	18.54	18.69	18.64	18.56	20
		25	0	18.60	18.48	18.55	18.43	18.48	20
		25	12	18.65	18.53	18.54	18.63	18.5	20
		25	25	18.41	18.54	18.53	18.39	18.45	20
		50	0	18.85	18.72	18.65	18.51	18.71	20
	64QAM	1	0	18.75	18.60	18.75	18.67	18.68	20
		1	24	18.69	18.59	18.65	18.55	18.52	20
		1	49	18.46	18.59	18.63	18.54	18.55	20
		25	0	18.43	18.41	18.64	18.57	18.39	20
		25	12	18.51	18.48	18.63	18.51	18.59	20
		25	25	18.32	18.55	18.52	18.34	18.46	20
		50	0	18.84	18.75	18.78	18.47	18.83	20
	256QAM	1	0	18.63	18.61	18.48	18.40	18.52	20
		1	24	18.54	18.33	18.54	18.44	18.5	20
		1	49	18.27	18.15	18.66	18.37	18.53	20
		25	0	18.62	18.34	18.42	18.31	18.61	20
		25	12	18.61	18.50	18.37	18.40	18.67	20
		25	25	18.48	18.35	18.72	18.48	18.55	20
		50	0	18.54	18.57	18.33	18.36	18.65	20
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	18.78	18.53	18.76	18.62	18.68	20
		1	12	18.65	18.53	18.65	18.48	18.68	20
		1	24	18.46	18.59	18.57	18.57	18.47	20
		12	0	18.56	18.46	18.59	18.45	18.45	20
		12	6	18.69	18.62	18.59	18.59	18.52	20
		12	13	18.37	18.52	18.62	18.50	18.53	20
		25	0	18.79	18.63	18.74	18.54	18.81	20
	16QAM	1	0	18.91	18.61	18.68	18.63	18.63	20
		1	12	18.61	18.51	18.65	18.53	18.7	20
		1	24	18.60	18.54	18.69	18.67	18.51	20
		12	0	18.59	18.41	18.54	18.44	18.46	20
		12	6	18.62	18.53	18.53	18.64	18.53	20
		12	13	18.35	18.56	18.62	18.48	18.54	20
		25	0	18.77	18.75	18.66	18.47	18.72	20
	64QAM	1	0	18.87	18.62	18.72	18.60	18.67	20
		1	12	18.58	18.56	18.59	18.53	18.5	20
		1	24	18.45	18.66	18.63	18.64	18.6	20
		12	0	18.45	18.50	18.55	18.57	18.49	20
		12	6	18.61	18.57	18.64	18.57	18.58	20
		12	13	18.28	18.53	18.61	18.47	18.49	20
		25	0	18.75	18.76	18.76	18.50	18.77	20
	256QAM	1	0	18.59	18.52	18.47	18.48	18.54	20
		1	12	18.45	18.44	18.54	18.37	18.41	20
		1	24	18.32	18.19	18.63	18.26	18.5	20
		12	0	18.61	18.40	18.36	18.27	18.6	20
		12	6	18.59	18.51	18.40	18.41	18.63	20
		12	13	18.44	18.35	18.66	18.44	18.56	20
		25	0	18.47	18.55	18.38	18.33	18.64	20

LTE Band 41_Ant4

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	17.37	17.32	17.31	17.28	17.26	18
		1	50	17.25	17.20	17.10	17.05	17.19	18
		1	99	17.12	17.11	17.18	17.12	17.21	18
		50	0	17.25	17.20	17.19	17.16	17.23	18
		50	25	17.18	17.14	17.14	17.12	17.21	18
		50	50	17.01	16.93	17.12	17.09	17.13	18
		100	0	17.33	17.22	17.27	17.25	17.19	18
	16QAM	1	0	16.95	16.82	17.19	17.15	17.19	18
		1	50	16.85	16.67	17.09	17.08	16.95	18
		1	99	17.07	16.90	16.89	16.93	17.25	18
		50	0	16.88	16.73	17.00	17.04	17.2	18
		50	25	17.02	16.86	17.11	17.11	17.14	18
		50	50	17.15	17.01	17.18	17.19	16.99	18
		100	0	16.98	16.81	17.16	17.18	17.21	18
	64QAM	1	0	17.21	17.03	17.12	17.16	16.81	18
		1	50	16.84	16.64	16.94	16.97	16.98	18
		1	99	16.99	16.83	17.02	17	16.97	18
		50	0	17.12	16.93	17.06	17.03	16.99	18
		50	25	17.04	16.82	17.23	17.23	17.01	18
		50	50	17.17	16.90	17.22	17.26	17.29	18
		100	0	17.07	16.80	17.22	17.27	17.25	18
	256QAM	1	0	17.08	16.81	17.11	17.11	17.07	18
		1	50	17.10	16.85	17.07	17.06	17.05	18
		1	99	16.90	16.60	17.15	17.1	17.13	18
		50	0	17.11	16.76	17.02	17.02	17.22	18
		50	25	17.11	16.72	16.97	16.96	17.19	18
		50	50	16.89	16.48	17.09	17.07	16.99	18
		100	0	17.07	16.65	16.91	16.89	17.25	18
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	17.27	17.21	17.20	17.15	17.13	18
		1	37	17.18	17.14	17.00	17.05	17.12	18
		1	74	17.09	16.97	17.03	17.07	17.13	18
		36	0	17.12	17.12	17.12	17.14	17.17	18
		36	19	17.07	17.09	17.11	17.10	17.1	18
		36	39	16.96	16.90	17.05	17.05	17.05	18
		75	0	17.26	17.11	17.13	17.23	17.17	18
	16QAM	1	0	16.90	16.69	17.04	17.14	17.17	18
		1	37	16.75	16.54	16.96	16.94	16.83	18
		1	74	16.92	16.82	16.87	16.81	17.12	18
		36	0	16.74	16.58	16.86	16.97	17.11	18
		36	19	16.93	16.80	16.96	17.08	17.11	18
		36	39	17.03	16.88	17.05	17.04	16.93	18
		75	0	16.86	16.74	17.03	17.07	17.11	18
	64QAM	1	0	17.11	16.96	17.11	17.15	16.72	18
		1	37	16.71	16.51	16.83	16.94	16.84	18
		1	74	16.84	16.75	16.96	16.90	16.95	18
		36	0	17.10	16.84	16.93	17.03	16.93	18
		36	19	16.90	16.74	17.13	17.23	16.91	18
		36	39	17.15	16.83	17.09	17.18	17.14	18
		75	0	16.98	16.65	17.08	17.27	17.21	18
	256QAM	1	0	16.94	16.67	17.06	17.02	16.94	18
		1	37	16.99	16.70	17.04	16.96	16.95	18
		1	74	16.78	16.54	17.08	17.08	17.12	18
		36	0	17.10	16.75	16.90	17.02	17.07	18
		36	19	17.09	16.70	16.83	16.86	17.13	18
		36	39	16.82	16.43	17.07	17.06	16.98	18
		75	0	16.97	16.58	16.84	16.78	17.22	18
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	17.32	17.27	17.25	17.15	17.24	18
		1	24	17.18	17.20	17.00	17.04	17.17	18
		1	49	17.02	16.97	17.16	17.00	17.1	18
		25	0	17.22	17.11	17.12	17.03	17.18	18
		25	12	17.06	17.10	17.03	17.07	17.17	18
		25	25	16.87	16.88	16.98	16.95	16.98	18
		50	0	17.20	17.10	17.13	17.10	17.04	18
	16QAM	1	0	16.92	16.70	17.16	17.02	17.13	18
		1	24	16.70	16.57	16.94	17.01	16.88	18
		1	49	17.06	16.80	16.74	16.90	17.2	18
		25	0	16.84	16.69	16.99	16.95	17.18	18
		25	12	16.89	16.76	17.05	16.98	17.12	18
		25	25	17.11	16.92	17.14	17.16	16.92	18
		50	0	17.15	16.98	17.02	17.01	16.78	18
	64QAM	1	0	16.92	16.70	17.16	17.02	17.13	18
		1	24	16.70	16.57	16.93	16.91	16.84	18
		1	49	16.94	16.83	16.98	16.91	16.83	18
		25	0	17.11	16.87	16.92	16.97	16.95	18
		25	12	16.99	16.71	17.20	17.17	16.94	18
		25	25	17.04	16.89	17.19	17.20	17.22	18
		50	0	17.01	16.76	17.20	17.18	17.23	18
	256QAM	1	0	17.02	16.66	17.06	17.01	17.05	18
		1	24	16.99	16.77	16.92	16.95	17.04	18
		1	49	16.84	16.47	17.00	16.96	17.01	18
		25	0	16.99	16.67	16.88	16.94	17.21	18
		25	12	17.00	16.69	16.94	16.89	17.12	18
		25	25	16.74	16.40	16.94	17.05	16.97	18
		50	0	16.92	16.62	16.90	16.77	17.16	18
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	17.24	17.23	17.16	17.28	17.19	18
		1	12	17.14	17.12	17.05	16.91	17.09	18
		1	24	16.98	17.11	17.11	17.11	17.15	18
		12	0	17.20	17.06	17.09	17.04	17.17	18
		12	6	17.04	17.13	17.03	17.10	17.16	18
		12	13	16.88	16.92	17.10	17.08	17.09	18
		25	0	17.20	17.17	17.19	17.16	17.14	18
	16QAM	1	0	16.93	16.76	17.14	17.06	17.12	18
		1	12	16.72	16.67	16.97	17.01	16.83	18
		1	24	16.99	16.81	16.76	16.89	17.23	18
		12	0	16.83	16.59	16.85	17.00	17.18	18
		12	6	16.93	16.79	17.00	17.05	17.01	18
		12	13	17.00	16.92	17.16	17.11	16.91	18
		25	0	16.88	16.67	17.15	17.08	17.2	18
	64QAM	1	0	17.14	16.96	17.11	17.12	16.75	18
		1	12	16.70	16.64	16.88	16.93	16.87	18
		1	24	16.87	16.75	17.01	16.85	16.84	18
		12	0	17.09	16.83	17.02	16.96	16.94	18
		12	6	17.03	16.79	17.09	17.20	16.9	18
		12	13	17.04	16.89	17.20	17.21	17.23	18
		25	0	16.94	16.70	17.15	17.23	17.16	18
	256QAM	1	0	16.98	16.77	17.06	16.96	17.03	18
		1	12	17.08	16.85	17.02	17.02	16.92	18
		1	24	16.79	16.46	17.04	16.96	17.04	18
		12	0	17.03	16.66	16.91	16.89	17.1	18
		12	6	17.01	16.64	16.96	16.93	17.06	18
		12	13	16.84	16.36	16.95	17.07	16.84	18
		25	0	16.97	16.54	16.79	16.86	17.21	18

LTE Band 41_Ant4 For DSDA&ENDC

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	15.90	15.75	15.78	15.73	15.76	16.5
		1	50	15.77	15.58	15.73	15.47	15.72	16.5
		1	99	15.61	15.68	15.63	15.72	15.58	16.5
		50	0	15.57	15.50	15.54	15.56	15.52	16.5
		50	25	15.75	15.68	15.71	15.60	15.55	16.5
		50	50	15.37	15.66	15.57	15.63	15.47	16.5
		100	0	15.82	15.69	15.74	15.61	15.77	16.5
	16QAM	1	0	15.88	15.59	15.70	15.69	15.68	16.5
		1	50	15.77	15.61	15.66	15.49	15.64	16.5
		1	99	15.54	15.67	15.65	15.71	15.50	16.5
		50	0	15.65	15.51	15.52	15.45	15.51	16.5
		50	25	15.75	15.62	15.63	15.72	15.48	16.5
		50	50	15.34	15.62	15.65	15.55	15.53	16.5
		100	0	15.88	15.77	15.79	15.53	15.83	16.5
	64QAM	1	0	15.83	15.73	15.67	15.70	15.75	16.5
		1	50	15.64	15.68	15.72	15.59	15.66	16.5
		1	99	15.63	15.68	15.63	15.71	15.57	16.5
		50	0	15.53	15.51	15.60	15.63	15.43	16.5
		50	25	15.53	15.57	15.71	15.51	15.62	16.5
		50	50	15.45	15.60	15.65	15.44	15.60	16.5
		100	0	15.79	15.76	15.89	15.55	15.83	16.5
	256QAM	1	0	15.67	15.61	15.53	15.47	15.49	16.5
		1	50	15.50	15.47	15.57	15.38	15.49	16.5
		1	99	15.41	15.24	15.62	15.42	15.58	16.5
		50	0	15.66	15.46	15.38	15.27	15.64	16.5
		50	25	15.59	15.50	15.38	15.47	15.75	16.5
		50	50	15.50	15.33	15.65	15.51	15.65	16.5
		100	0	15.60	15.66	15.42	15.35	15.69	16.5
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	15.78	15.6	15.69	15.66	15.63	16.5
		1	37	15.75	15.44	15.63	15.43	15.61	16.5
		1	74	15.51	15.60	15.59	15.66	15.48	16.5
		36	0	15.42	15.44	15.50	15.49	15.37	16.5
		36	19	15.66	15.55	15.56	15.53	15.47	16.5
		36	39	15.22	15.62	15.54	15.36	15.36	16.5
		75	0	15.75	15.60	15.69	15.52	15.75	16.5
	16QAM	1	0	15.83	15.66	15.73	15.65	15.68	16.5
		1	37	15.71	15.46	15.70	15.45	15.69	16.5
		1	74	15.51	15.66	15.56	15.69	15.44	16.5
		36	0	15.52	15.37	15.41	15.41	15.43	16.5
		36	19	15.67	15.66	15.66	15.58	15.4	16.5
		36	39	15.28	15.55	15.45	15.41	15.32	16.5
		75	0	15.78	15.56	15.59	15.49	15.73	16.5
	64QAM	1	0	15.81	15.48	15.63	15.59	15.64	16.5
		1	37	15.63	15.58	15.54	15.48	15.57	16.5
		1	74	15.48	15.55	15.51	15.58	15.49	16.5
		36	0	15.53	15.36	15.48	15.37	15.36	16.5
		36	19	15.65	15.50	15.50	15.61	15.47	16.5
		36	39	15.33	15.56	15.53	15.40	15.52	16.5
		75	0	15.81	15.65	15.75	15.39	15.81	16.5
	256QAM	1	0	15.65	15.50	15.38	15.41	15.48	16.5
		1	37	15.49	15.45	15.52	15.26	15.35	16.5
		1	74	15.34	15.22	15.60	15.33	15.43	16.5
		36	0	15.53	15.36	15.35	15.18	15.59	16.5
		36	19	15.51	15.36	15.29	15.41	15.67	16.5
		36	39	15.40	15.23	15.54	15.46	15.64	16.5
		75	0	15.59	15.52	15.31	15.32	15.67	16.5
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	15.87	15.72	15.77	15.58	15.61	16.5
		1	24	15.70	15.43	15.68	15.43	15.7	16.5
		1	49	15.48	15.54	15.49	15.63	15.51	16.5
		25	0	15.45	15.47	15.49	15.53	15.37	16.5
		25	12	15.72	15.56	15.59	15.53	15.47	16.5
		25	25	15.28	15.61	15.47	15.43	15.46	16.5
		50	0	15.78	15.67	15.59	15.48	15.64	16.5
	16QAM	1	0	15.81	15.65	15.68	15.72	15.75	16.5
		1	24	15.75	15.53	15.64	15.36	15.66	16.5
		1	49	15.53	15.64	15.48	15.63	15.47	16.5
		25	0	15.55	15.49	15.40	15.54	15.5	16.5
		25	12	15.66	15.62	15.58	15.50	15.53	16.5
		25	25	15.30	15.54	15.45	15.43	15.37	16.5
		50	0	15.74	15.55	15.62	15.56	15.71	16.5
	64QAM	1	0	15.77	15.53	15.59	15.59	15.64	16.5
		1	24	15.62	15.49	15.62	15.35	15.56	16.5
		1	49	15.42	15.57	15.59	15.67	15.49	16.5
		25	0	15.55	15.48	15.46	15.30	15.39	16.5
		25	12	15.65	15.47	15.51	15.65	15.43	16.5
		25	25	15.25	15.59	15.55	15.47	15.45	16.5
		50	0	15.82	15.66	15.78	15.41	15.68	16.5
	256QAM	1	0	15.65	15.53	15.50	15.35	15.34	16.5
		1	24	15.43	15.39	15.45	15.30	15.42	16.5
		1	49	15.39	15.18	15.38	15.39	15.48	16.5
		25	0	15.63	15.40	15.36	15.16	15.57	16.5
		25	12	15.56	15.48	15.22	15.38	15.63	16.5
		25	25	15.38	15.22	15.53	15.37	15.5	16.5
		50	0	15.57	15.51	15.27	15.31	15.54	16.5
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)	

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BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequency (MHz)		3460	3500	3540	
20M	QPSK	1	0	16.34	16.10	16.10	17
		1	50	**16.38**	16.35	16.26	17
		1	99	16.31	16.24	16.23	17
		50	0	16.29	16.27	16.28	17
		50	25	16.17	16.09	16.26	17
		50	50	16.28	16.07	16.17	17
		100	0	16.37	16.11	16.15	17
	16QAM	1	0	16.08	16.35	16.09	17
		1	50	16.11	16.15	16.12	17
		1	99	16.15	16.19	16.21	17
		50	0	16.10	16.35	16.10	17
		50	25	16.14	16.24	16.19	17
		50	50	16.29	16.22	16.16	17
		100	0	16.21	16.32	16.17	17
	64QAM	1	0	16.26	16.18	16.20	17
		1	50	16.19	16.09	16.25	17
		1	99	16.34	16.37	16.14	17
		50	0	16.20	16.08	16.28	17
		50	25	16.11	16.11	16.21	17
		50	50	16.35	16.37	16.13	17
		100	0	16.24	16.25	16.32	17
	256QAM	1	0	16.08	16.31	16.32	17
		1	50	16.24	16.34	16.28	17
		1	99	16.23	16.24	16.15	17
		50	0	16.37	16.16	16.19	17
		50	25	16.19	16.30	16.11	17
		50	50	16.13	16.16	16.29	17
		100	0	16.30	16.29	16.36	17
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequency (MHz)		3457.5	3500	3542.5	
15M	QPSK	1	0	16.27	16.04	16.03	17
		1	37	16.25	16.30	16.20	17
		1	74	16.20	16.21	16.23	17
		36	0	16.19	16.19	16.24	17
		36	19	16.10	15.96	16.20	17
		36	39	16.26	15.94	16.03	17
		75	0	16.23	16.02	16.14	17
	16QAM	1	0	16.00	16.22	16.03	17
		1	37	16.00	16.07	16.02	17
		1	74	16.12	16.11	16.06	17
		36	0	15.99	16.22	16.08	17
		36	19	16.09	16.11	16.10	17
		36	39	16.21	16.11	16.01	17
		75	0	16.15	16.29	16.16	17
	64QAM	1	0	16.24	16.08	16.15	17
		1	37	16.09	15.94	16.18	17
		1	74	16.23	16.33	16.10	17
		36	0	16.19	16.04	16.15	17
		36	19	16.05	16.05	16.07	17
		36	39	16.27	16.26	16.04	17
		75	0	16.19	16.23	16.29	17
	256QAM	1	0	15.93	16.17	16.32	17
		1	37	16.21	16.34	16.27	17
		1	74	16.09	16.15	16.13	17
		36	0	16.22	16.08	16.08	17
		36	19	16.13	16.25	16.11	17
		36	39	16.00	16.13	16.28	17
		75	0	16.30	16.15	16.21	17
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequency (MHz)		3455	3500	3545	
10M	QPSK	1	0	16.30	15.99	15.97	17
		1	24	16.27	16.31	16.26	17
		1	49	16.20	16.15	16.22	17
		25	0	16.22	16.12	16.16	17
		25	12	16.08	15.95	16.15	17
		25	25	16.19	16.06	16.17	17
		50	0	16.24	15.96	16.06	17
	16QAM	1	0	15.99	16.29	16.03	17
		1	24	16.05	16.06	16.03	17
		1	49	16.05	16.08	16.09	17
		25	0	16.08	16.24	16.03	17
		25	12	16.02	16.14	16.04	17
		25	25	16.17	16.08	16.07	17
		50	0	16.15	16.21	16.15	17
	64QAM	1	0	16.14	16.10	16.20	17
		1	24	16.15	16.00	16.24	17
		1	49	16.21	16.29	16.06	17
		25	0	16.12	15.93	16.22	17
		25	12	15.96	16.01	16.21	17
		25	25	16.23	16.33	16.07	17
		50	0	16.15	16.13	16.23	17
	256QAM	1	0	16.05	16.17	16.21	17
		1	24	16.20	16.26	16.18	17
		1	49	16.10	16.22	16.03	17
		25	0	16.27	16.02	16.08	17
		25	12	16.04	16.25	16.02	17
		25	25	15.99	16.10	16.29	17
		50	0	16.19	16.26	16.21	17
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequency (MHz)		3452.5	3500	3547.5	
5M	QPSK	1	0	16.20	15.97	16.04	17
		1	12	16.38	16.22	16.19	17
		1	24	16.22	16.18	16.12	17
		12	0	16.22	16.15	16.27	17
		12	6	16.08	16.01	16.25	17
		12	13	16.26	16.04	16.08	17
		25	0	16.27	16.03	16.13	17
	16QAM	1	0	16.05	16.32	16.06	17
		1	12	16.09	16.11	16.03	17
		1	24	16.05	16.07	16.21	17
		12	0	15.95	16.23	16.00	17
		12	6	16.10	16.18	16.07	17
		12	13	16.18	16.19	16.14	17
		25	0	16.20	16.32	16.11	17
	64QAM	1	0	16.24	16.08	16.12	17
		1	12	16.04	15.99	16.22	17
		1	24	16.28	16.27	16.13	17
		12	0	16.07	16.02	16.16	17
		12	6	16.10	16.06	16.20	17
		12	13	16.35	16.30	16.01	17
		25	0	16.13	16.13	16.17	17
	256QAM	1	0	16.07	16.31	16.25	17
		1	12	16.21	16.19	16.19	17
		1	24	16.08	16.17	16.00	17
		12	0	16.32	16.10	16.17	17
		12	6	16.11	16.15	15.99	17
		12	13	16.07	16.13	16.17	17
		25	0	16.23	16.19	16.29	17

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BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43340	43490	
		Frequency (MHz)		3560	3575	3590	
20M	QPSK	1	0	15.89	16.26	16.16	17
		1	50	**16.38**	16.23	16.30	17
		1	99	16.17	16.09	16.15	17
		50	0	16.28	16.13	16.14	17
		50	25	16.19	16.13	16.12	17
		50	50	16.31	16.22	16.17	17
		100	0	16.30	16.25	16.23	17
	16QAM	1	0	16.35	16.22	16.18	17
		1	50	16.29	16.16	16.34	17
		1	99	16.15	16.21	16.28	17
		50	0	16.08	16.17	16.11	17
		50	25	16.34	16.19	16.30	17
		50	50	16.16	16.23	16.07	17
		100	0	16.12	16.07	16.25	17
	64QAM	1	0	16.26	16.29	16.22	17
		1	50	16.11	16.36	16.33	17
		1	99	16.27	16.31	16.25	17
		50	0	16.18	16.32	16.26	17
		50	25	16.14	16.16	16.32	17
		50	50	16.34	16.12	16.16	17
		100	0	16.17	16.19	16.27	17
	256QAM	1	0	16.12	16.25	16.32	17
		1	50	16.34	16.17	16.30	17
		1	99	16.35	16.29	16.28	17
		50	0	16.22	16.34	16.37	17
		50	25	16.08	16.18	16.22	17
		50	50	16.37	16.32	16.14	17
		100	0	16.27	16.16	16.22	17
BW	MCS Index	Channel		43165	43340	43515	Max. Tune-up
		Frequency (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	15.75	16.13	16.02	17
		1	37	16.38	16.13	16.27	17
		1	74	16.05	15.95	16.06	17
		36	0	16.22	16.12	16.00	17
		36	19	16.06	16.12	16.03	17
		36	39	16.23	16.20	16.11	17
		75	0	16.30	16.25	16.21	17
	16QAM	1	0	16.29	16.17	16.00	17
		1	37	16.15	16.04	16.29	17
		1	74	16.09	16.14	16.13	17
		36	0	16.05	16.05	16.01	17
		36	19	16.25	16.14	16.18	17
		36	39	16.16	16.08	15.96	17
		75	0	15.99	16.08	16.14	17
	64QAM	1	0	16.19	16.22	16.21	17
		1	37	16.01	16.32	16.32	17
		1	74	16.23	16.21	16.22	17
		36	0	16.04	16.31	16.12	17
		36	19	16.00	16.02	16.18	17
		36	39	16.30	16.07	16.06	17
		75	0	16.11	16.07	16.12	17
	256QAM	1	0	16.00	16.25	16.26	17
		1	37	16.23	16.15	16.24	17
		1	74	16.26	16.20	16.23	17
		36	0	16.18	16.19	16.26	17
		36	19	16.07	16.08	16.10	17
		36	39	16.37	16.20	16.13	17
		75	0	16.20	16.14	16.11	17
BW	MCS Index	Channel		43140	43340	43540	Max. Tune-up
		Frequency (MHz)		3555	3575	3595	
10M	QPSK	1	0	15.85	16.25	16.04	17
		1	24	16.33	16.20	16.24	17
		1	49	16.16	15.94	16.09	17
		25	0	16.22	16.02	16.10	17
		25	12	16.17	16.03	16.05	17
		25	25	16.24	16.07	16.05	17
		50	0	16.18	16.11	16.10	17
	16QAM	1	0	16.21	16.15	16.12	17
		1	24	16.20	16.08	16.33	17
		1	49	16.06	16.08	16.15	17
		25	0	16.06	16.11	16.03	17
		25	12	16.24	16.10	16.27	17
		25	25	16.14	16.22	16.06	17
		50	0	16.09	16.07	16.14	17
	64QAM	1	0	16.14	16.27	16.08	17
		1	24	15.98	16.24	16.32	17
		1	49	16.21	16.29	16.23	17
		25	0	16.18	16.31	16.12	17
		25	12	16.04	16.13	16.24	17
		25	25	16.33	15.97	16.02	17
		50	0	16.16	16.17	16.21	17
	256QAM	1	0	16.03	16.13	16.31	17
		1	24	16.28	16.17	16.21	17
		1	49	16.26	16.25	16.23	17
		25	0	16.15	16.30	16.34	17
		25	12	16.08	16.05	16.12	17
		25	25	16.30	16.29	16.10	17
		50	0	16.20	16.03	16.17	17
BW	MCS Index	Channel		43115	43340	43565	Max. Tune-up
		Frequency (MHz)		3552.5	3575	3597.5	
5M	QPSK	1	0	15.88	16.24	16.12	17
		1	12	16.23	16.19	16.24	17
		1	24	16.06	16.01	16.05	17
		12	0	16.27	16.10	16.09	17
		12	6	16.06	16.08	16.08	17
		12	13	16.31	16.08	16.09	17
		25	0	16.30	16.18	16.22	17
	16QAM	1	0	16.23	16.10	16.12	17
		1	12	16.22	16.15	16.28	17
		1	24	16.08	16.19	16.21	17
		12	0	16.00	16.05	15.98	17
		12	6	16.30	16.11	16.26	17
		12	13	16.16	16.18	16.07	17
		25	0	16.08	16.07	16.13	17
	64QAM	1	0	16.24	16.16	16.17	17
		1	12	16.04	16.25	16.21	17
		1	24	16.18	16.20	16.13	17
		12	0	16.14	16.32	16.16	17
		12	6	16.09	16.06	16.31	17
		12	13	16.27	16.00	16.08	17
		25	0	16.16	16.14	16.23	17
	256QAM	1	0	16.02	16.18	16.28	17
		1	12	16.34	16.02	16.23	17
		1	24	16.33	16.29	16.20	17
		12	0	16.19	16.23	16.35	17
		12	6	16.06	16.07	16.08	17
		12	13	16.34	16.17	16.04	17
		25	0	16.23	16.08	16.12	17

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BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequency (MHz)		3460	3500	3540	
20M	QPSK	1	0	14.67	14.81	14.62	15.5
		1	50	**14.89**	14.82	14.87	15.5
		1	99	14.81	14.75	14.84	15.5
		50	0	14.83	14.75	14.80	15.5
		50	25	14.85	14.82	14.82	15.5
		50	50	14.72	14.81	14.80	15.5
		100	0	14.88	14.86	14.85	15.5
	16QAM	1	0	14.70	14.76	14.76	15.5
		1	50	14.87	14.84	14.76	15.5
		1	99	14.87	14.69	14.86	15.5
		50	0	14.75	14.86	14.74	15.5
		50	25	14.88	14.78	14.77	15.5
		50	50	14.84	14.61	14.60	15.5
		100	0	14.74	14.68	14.81	15.5
	64QAM	1	0	14.69	14.85	14.67	15.5
		1	50	14.64	14.69	14.66	15.5
		1	99	14.59	14.77	14.70	15.5
		50	0	14.64	14.65	14.66	15.5
		50	25	14.64	14.78	14.72	15.5
		50	50	14.71	14.75	14.82	15.5
		100	0	14.70	14.80	14.71	15.5
	256QAM	1	0	14.64	14.60	14.82	15.5
		1	50	14.63	14.72	14.66	15.5
		1	99	14.58	14.70	14.85	15.5
		50	0	14.87	14.75	14.71	15.5
		50	25	14.86	14.59	14.66	15.5
		50	50	14.77	14.76	14.75	15.5
		100	0	14.87	14.71	14.64	15.5
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequency (MHz)		3457.5	3500	3542.5	
15M	QPSK	1	0	14.63	14.72	14.49	15.5
		1	37	14.79	14.74	14.77	15.5
		1	74	14.81	14.67	14.77	15.5
		36	0	14.73	14.65	14.73	15.5
		36	19	14.77	14.70	14.74	15.5
		36	39	14.64	14.67	14.76	15.5
		75	0	14.76	14.80	14.76	15.5
	16QAM	1	0	14.62	14.76	14.68	15.5
		1	37	14.81	14.83	14.62	15.5
		1	74	14.81	14.62	14.84	15.5
		36	0	14.71	14.80	14.61	15.5
		36	19	14.87	14.65	14.63	15.5
		36	39	14.82	14.59	14.50	15.5
		75	0	14.72	14.54	14.73	15.5
	64QAM	1	0	14.86	14.73	14.55	15.5
		1	37	14.55	14.54	14.60	15.5
		1	74	14.52	14.73	14.56	15.5
		36	0	14.61	14.53	14.56	15.5
		36	19	14.54	14.73	14.60	15.5
		36	39	14.65	14.72	14.67	15.5
		75	0	14.57	14.68	14.57	15.5
	256QAM	1	0	14.50	14.47	14.80	15.5
		1	37	14.58	14.64	14.51	15.5
		1	74	14.53	14.55	14.73	15.5
		36	0	14.82	14.68	14.58	15.5
		36	19	14.83	14.47	14.59	15.5
		36	39	14.73	14.73	14.64	15.5
		75	0	14.79	14.57	14.52	15.5
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequency (MHz)		3455	3500	3545	
10M	QPSK	1	0	14.57	14.68	14.56	15.5
		1	24	14.86	14.78	14.76	15.5
		1	49	14.72	14.66	14.77	15.5
		25	0	14.73	14.63	14.74	15.5
		25	12	14.75	14.82	14.74	15.5
		25	25	14.65	14.71	14.76	15.5
		50	0	14.82	14.78	14.76	15.5
	16QAM	1	0	14.68	14.63	14.62	15.5
		1	24	14.75	14.80	14.67	15.5
		1	49	14.80	14.60	14.75	15.5
		25	0	14.71	14.71	14.70	15.5
		25	12	14.76	14.73	14.65	15.5
		25	25	14.74	14.62	14.75	15.5
		50	0	14.68	14.66	14.66	15.5
	64QAM	1	0	14.63	14.82	14.62	15.5
		1	24	14.54	14.63	14.59	15.5
		1	49	14.53	14.75	14.60	15.5
		25	0	14.59	14.60	14.54	15.5
		25	12	14.56	14.76	14.60	15.5
		25	25	14.65	14.67	14.79	15.5
		50	0	14.62	14.77	14.59	15.5
	256QAM	1	0	14.62	14.52	14.76	15.5
		1	24	14.53	14.66	14.60	15.5
		1	49	14.50	14.64	14.71	15.5
		25	0	14.76	14.60	14.70	15.5
		25	12	14.73	14.58	14.65	15.5
		25	25	14.62	14.70	14.68	15.5
		50	0	14.74	14.60	14.53	15.5
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequency (MHz)		3452.5	3500	3547.5	
5M	QPSK	1	0	14.65	14.81	14.48	15.5
		1	12	14.81	14.72	14.87	15.5
		1	24	14.79	14.62	14.81	15.5
		12	0	14.69	14.65	14.70	15.5
		12	6	14.78	14.81	14.75	15.5
		12	13	14.59	14.80	14.75	15.5
		25	0	14.80	14.77	14.75	15.5
	16QAM	1	0	14.70	14.76	14.71	15.5
		1	12	14.73	14.80	14.66	15.5
		1	24	14.81	14.60	14.86	15.5
		12	0	14.61	14.74	14.59	15.5
		12	6	14.76	14.78	14.68	15.5
		12	13	14.76	14.47	14.50	15.5
		25	0	14.70	14.66	14.68	15.5
	64QAM	1	0	14.59	14.82	14.52	15.5
		1	12	14.62	14.57	14.59	15.5
		1	24	14.53	14.77	14.60	15.5
		12	0	14.49	14.83	14.51	15.5
		12	6	14.61	14.71	14.70	15.5
		12	13	14.64	14.60	14.81	15.5
		25	0	14.63	14.72	14.63	15.5
	256QAM	1	0	14.56	14.46	14.74	15.5
		1	12	14.53	14.72	14.53	15.5
		1	24	14.45	14.62	14.81	15.5
		12	0	14.72	14.73	14.64	15.5
		12	6	14.74	14.48	14.57	15.5
		12	13	14.76	14.61	14.71	15.5
		25	0	14.84	14.70	14.63	15.5

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BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43340	43490	
		Frequency (MHz)		3560	3575	3590	
20M	QPSK	1	0	14.49	14.34	14.43	15.5
		1	50	14.55	14.43	**14.60**	15.5
		1	99	14.45	14.32	14.34	15.5
		50	0	14.48	14.48	14.52	15.5
		50	25	14.43	14.44	14.38	15.5
		50	50	14.55	14.51	14.55	15.5
		100	0	14.54	14.48	14.54	15.5
	16QAM	1	0	14.33	14.33	14.57	15.5
		1	50	14.39	14.40	14.54	15.5
		1	99	14.37	14.43	14.53	15.5
		50	0	14.48	14.29	14.44	15.5
		50	25	14.36	14.44	14.30	15.5
		50	50	14.35	14.34	14.47	15.5
		100	0	14.57	14.49	14.43	15.5
	64QAM	1	0	14.58	14.59	14.38	15.5
		1	50	14.50	14.33	14.57	15.5
		1	99	14.45	14.51	14.31	15.5
		50	0	14.47	14.36	14.46	15.5
		50	25	14.35	14.29	14.41	15.5
		50	50	14.57	14.35	14.37	15.5
		100	0	14.56	14.43	14.52	15.5
	256QAM	1	0	14.58	14.43	14.51	15.5
		1	50	14.37	14.37	14.30	15.5
		1	99	14.37	14.49	14.56	15.5
		50	0	14.35	14.50	14.31	15.5
		50	25	14.50	14.45	14.55	15.5
		50	50	14.39	14.37	14.34	15.5
		100	0	14.43	14.43	14.40	15.5
BW	MCS Index	Channel		43165	43340	43515	Max. Tune-up
		Frequency (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	14.43	14.20	14.50	15.5
		1	37	14.54	14.29	14.54	15.5
		1	74	14.42	14.17	14.21	15.5
		36	0	14.37	14.47	14.41	15.5
		36	19	14.30	14.34	14.29	15.5
		36	39	14.55	14.41	14.43	15.5
		75	0	14.45	14.34	14.48	15.5
	16QAM	1	0	14.32	14.30	14.46	15.5
		1	37	14.28	14.33	14.44	15.5
		1	74	14.25	14.30	14.51	15.5
		36	0	14.46	14.15	14.43	15.5
		36	19	14.35	14.43	14.29	15.5
		36	39	14.32	14.27	14.43	15.5
		75	0	14.55	14.44	14.32	15.5
	64QAM	1	0	14.51	14.45	14.35	15.5
		1	37	14.49	14.28	14.47	15.5
		1	74	14.33	14.36	14.22	15.5
		36	0	14.46	14.23	14.34	15.5
		36	19	14.34	14.29	14.26	15.5
		36	39	14.43	14.28	14.26	15.5
		75	0	14.56	14.42	14.37	15.5
	256QAM	1	0	14.47	14.36	14.42	15.5
		1	37	14.22	14.26	14.16	15.5
		1	74	14.26	14.39	14.52	15.5
		36	0	14.35	14.45	14.26	15.5
		36	19	14.40	14.35	14.54	15.5
		36	39	14.35	14.31	14.20	15.5
		75	0	14.30	14.35	14.39	15.5
BW	MCS Index	Channel		43140	43340	43540	Max. Tune-up
		Frequency (MHz)		3555	3575	3595	
10M	QPSK	1	0	14.34	14.30	14.42	15.5
		1	24	14.40	14.31	14.50	15.5
		1	49	14.43	14.29	14.19	15.5
		25	0	14.39	14.33	14.50	15.5
		25	12	14.42	14.29	14.24	15.5
		25	25	14.48	14.41	14.40	15.5
		50	0	14.43	14.37	14.44	15.5
	16QAM	1	0	14.24	14.24	14.56	15.5
		1	24	14.35	14.37	14.50	15.5
		1	49	14.28	14.38	14.46	15.5
		25	0	14.39	14.24	14.34	15.5
		25	12	14.31	14.43	14.22	15.5
		25	25	14.25	14.23	14.43	15.5
		50	0	14.50	14.36	14.37	15.5
	64QAM	1	0	14.49	14.51	14.24	15.5
		1	24	14.37	14.28	14.40	15.5
		1	49	14.42	14.46	14.22	15.5

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BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequency (MHz)		3460	3500	3540	
20M	QPSK	1	0	18.79	18.96	18.81	20
		1	50	**19.03**	18.98	19.02	20
		1	99	18.95	18.74	18.80	20
		50	0	18.82	18.75	18.90	20
		50	25	19.02	18.81	18.95	20
		50	50	19.01	18.77	18.80	20
		100	0	18.98	18.97	18.88	20
	16QAM	1	0	18.90	18.74	18.74	20
		1	50	18.90	18.75	18.80	20
		1	99	18.98	18.97	18.92	20
		50	0	18.78	18.80	18.96	20
		50	25	18.84	18.81	18.76	20
		50	50	18.90	18.87	18.74	20
		100	0	18.97	18.72	18.95	20
	64QAM	1	0	18.83	18.86	18.77	20
		1	50	18.98	19.02	18.73	20
		1	99	18.93	18.98	19.01	20
		50	0	19.00	18.80	19.02	20
		50	25	18.89	18.82	18.75	20
		50	50	18.74	18.81	18.77	20
		100	0	18.85	18.81	18.76	20
	256QAM	1	0	18.78	18.94	18.95	20
		1	50	18.76	18.84	18.98	20
		1	99	18.80	18.86	18.75	20
		50	0	18.99	18.78	18.73	20
		50	25	19.00	18.97	18.88	20
		50	50	18.95	19.00	18.83	20
		100	0	18.88	18.94	18.90	20
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequency (MHz)		3457.5	3500	3542.5	
15M	QPSK	1	0	18.73	18.83	18.76	20
		1	37	18.98	18.89	18.92	20
		1	74	18.88	18.85	18.68	20
		36	0	18.75	18.80	18.81	20
		36	19	18.99	18.86	18.90	20
		36	39	19.00	18.73	18.73	20
		75	0	18.85	18.96	18.84	20
	16QAM	1	0	18.75	18.64	18.59	20
		1	37	18.84	18.67	18.77	20
		1	74	18.90	18.84	18.89	20
		36	0	18.63	18.71	18.84	20
		36	19	18.73	18.68	18.71	20
		36	39	18.80	18.85	18.59	20
		75	0	18.93	18.70	18.94	20
	64QAM	1	0	18.73	18.76	18.76	20
		1	37	18.93	18.95	18.69	20
		1	74	18.79	18.97	18.96	20
		36	0	18.96	18.79	18.88	20
		36	19	18.83	18.71	18.63	20
		36	39	18.70	18.74	18.67	20
		75	0	18.75	18.74	18.66	20
	256QAM	1	0	18.64	18.94	18.81	20
		1	37	18.68	18.79	18.95	20
		1	74	18.67	18.73	18.63	20
		36	0	18.88	18.71	18.71	20
		36	19	18.93	18.86	18.74	20
		36	39	18.94	18.92	18.75	20
		75	0	18.78	18.89	18.86	20
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequency (MHz)		3455	3500	3545	
10M	QPSK	1	0	18.79	18.92	18.78	20
		1	24	18.92	18.90	18.95	20
		1	49	18.91	18.68	18.74	20
		25	0	18.68	18.63	18.87	20
		25	12	18.91	18.80	18.80	20
		25	25	18.90	18.67	18.66	20
		50	0	18.92	18.86	18.85	20
	16QAM	1	0	18.83	18.69	18.64	20
		1	24	18.83	18.69	18.65	20
		1	49	18.87	18.85	18.88	20
		25	0	18.67	18.68	18.83	20
		25	12	18.70	18.69	18.71	20
		25	25	18.82	18.79	18.82	20
		50	0	18.87	18.72	18.82	20
	64QAM	1	0	18.83	18.84	18.70	20
		1	24	18.88	18.93	18.59	20
		1	49	18.84	18.92	18.91	20
		25	0	18.89	18.77	18.90	20
		25	12	18.82	18.75	18.74	20
		25	25	18.73	18.74	18.75	20
		50	0	18.83	18.74	18.72	20
	256QAM	1	0	18.76	18.93	18.82	20
		1	24	18.65	18.72	18.94	20
		1	49	18.68	18.72	18.66	20
		25	0	18.85	18.76	18.63	20
		25	12	18.93	18.95	18.80	20
		25	25	18.84	18.97	18.76	20
		50	0	18.87	18.82	18.75	20
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequency (MHz)		3452.5	3500	3547.5	
5M	QPSK	1	0	18.70	18.82	18.75	20
		1	12	19.01	18.94	19.02	20
		1	24	18.86	18.74	18.74	20
		12	0	18.72	18.66	18.90	20
		12	6	18.91	18.67	18.90	20
		12	13	18.86	18.77	18.80	20
		25	0	18.98	18.84	18.80	20
	16QAM	1	0	18.84	18.63	18.71	20
		1	12	18.85	18.68	18.65	20
		1	24	18.84	18.83	18.80	20
		12	0	18.71	18.80	18.81	20
		12	6	18.77	18.67	18.70	20
		12	13	18.81	18.80	18.66	20
		25	0	18.84	18.66	18.85	20
	64QAM	1	0	18.69	18.80	18.67	20
		1	12	18.86	19.00	18.59	20
		1	24	18.86	18.89	18.96	20
		12	0	18.94	18.80	18.91	20
		12	6	18.81	18.75	18.65	20
		12	13	18.66	18.69	18.66	20
		25	0	18.78	18.71	18.74	20
	256QAM	1	0	18.68	18.91	18.89	20
		1	12	18.66	18.83	18.85	20
		1	24	18.71	18.77	18.60	20
		12	0	18.89	18.77	18.60	20
		12	6	18.85	18.88	18.84	20
		12	13	18.85	18.90	18.78	20
		25	0	18.84	18.89	18.77	20

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BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43440	43690	
		Frequency (MHz)		3560	3575	3590	
20M	QPSK	1	0	18.56	18.67	18.80	20
		1	50	**18.83**	18.71	18.81	20
		1	99	18.56	18.69	18.74	20
		50	0	18.80	18.65	18.70	20
		50	25	18.82	18.75	18.81	20
		50	50	18.67	18.59	18.78	20
		100	0	18.77	18.74	18.61	20
	16QAM	1	0	18.75	18.75	18.76	20
		1	50	18.54	18.67	18.67	20
		1	99	18.62	18.66	18.62	20
		50	0	18.55	18.80	18.65	20
		50	25	18.61	18.78	18.69	20
		50	50	18.80	18.73	18.64	20
		100	0	18.53	18.73	18.79	20
	64QAM	1	0	18.70	18.78	18.71	20
		1	50	18.79	18.80	18.71	20
		1	99	18.56	18.65	18.81	20
		50	0	18.74	18.77	18.81	20
		50	25	18.67	18.76	18.80	20
		50	50	18.76	18.75	18.76	20
		100	0	18.53	18.56	18.75	20
	256QAM	1	0	18.53	18.60	18.81	20
		1	50	18.61	18.55	18.66	20
		1	99	18.68	18.65	18.66	20
		50	0	18.65	18.54	18.71	20
		50	25	18.75	18.70	18.77	20
		50	50	18.66	18.77	18.68	20
		100	0	18.67	18.68	18.57	20
BW	MCS Index	Channel		43165	43440	43715	Max. Tune-up
		Frequency (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	18.53	18.66	18.78	20
		1	37	18.75	18.69	18.80	20
		1	74	18.54	18.69	18.73	20
		36	0	18.70	18.60	18.59	20
		36	19	18.73	18.63	18.74	20
		36	39	18.60	18.59	18.76	20
		75	0	18.67	18.61	18.47	20
	16QAM	1	0	18.61	18.75	18.67	20
		1	37	18.42	18.66	18.67	20
		1	74	18.40	18.64	18.50	20
		36	0	18.44	18.74	18.64	20
		36	19	18.50	18.70	18.66	20
		36	39	18.72	18.71	18.58	20
		75	0	18.45	18.68	18.74	20
	64QAM	1	0	18.55	18.77	18.63	20
		1	37	18.67	18.80	18.65	20
		1	74	18.45	18.55	18.69	20
		36	0	18.67	18.75	18.69	20
		36	19	18.56	18.64	18.72	20
		36	39	18.66	18.64	18.68	20
		75	0	18.50	18.54	18.75	20
	256QAM	1	0	18.51	18.60	18.71	20
		1	37	18.50	18.46	18.65	20
		1	74	18.62	18.52	18.51	20
		36	0	18.56	18.46	18.62	20
		36	19	18.71	18.64	18.62	20
		36	39	18.61	18.72	18.66	20
		75	0	18.63	18.56	18.44	20
BW	MCS Index	Channel		43140	43440	43740	Max. Tune-up
		Frequency (MHz)		3555	3575	3595	
10M	QPSK	1	0	18.45	18.60	18.71	20
		1	24	18.78	18.62	18.81	20
		1	49	18.51	18.62	18.74	20
		25	0	18.76	18.56	18.67	20
		25	12	18.69	18.61	18.73	20
		25	25	18.60	18.47	18.69	20
		50	0	18.67	18.71	18.52	20
	16QAM	1	0	18.70	18.66	18.70	20
		1	24	18.39	18.52	18.65	20
		1	49	18.51	18.54	18.52	20
		25	0	18.42	18.70	18.57	20
		25	12	18.59	18.68	18.54	20
		25	25	18.78	18.65	18.56	20
		50	0	18.52	18.61	18.68	20
	64QAM	1	0	18.65	18.68	18.70	20
		1	24	18.76	18.80	18.62	20
		1	49	18.51	18.58	18.67	20
		25	0	18.71	18.76	18.74	20
		25	12	18.63	18.73	18.75	20
		25	25	18.70	18.67	18.65	20
		50	0	18.49	18.55	18.74	20
	256QAM	1	0	18.44	18.49	18.72	20
		1	24	18.59	18.49	18.54	20
		1	49	18.66	18.64	18.61	20
		25	0	18.62	18.42	18.56	20
		25	12	18.61	18.68	18.72	20
		25	25	18.65	18.63	18.58	20
		50	0	18.62	18.66	18.58	20
BW	MCS Index	Channel		43115	43440	43765	Max. Tune-up
		Frequency (MHz)		3552.5	3575	3597.5	
5M	QPSK	1	0	18.56	18.67	18.74	20
		1	12	18.76	18.71	18.71	20
		1	24	18.45	18.64	18.64	20
		12	0	18.73	18.50	18.58	20
		12	6	18.75	18.74	18.67	20
		12	13	18.59	18.57	18.71	20
		25	0	18.76	18.70	18.57	20
	16QAM	1	0	18.65	18.74	18.71	20
		1	12	18.50	18.66	18.63	20
		1	24	18.59	18.66	18.53	20
		12	0	18.43	18.80	18.58	20
		12	6	18.57	18.76	18.55	20
		12	13	18.73	18.60	18.59	20
		25	0	18.44	18.63	18.64	20
	64QAM	1	0	18.70	18.78	18.58	20
		1	12	18.73	18.79	18.67	20
		1	24	18.53	18.65	18.77	20
		12	0	18.65	18.64	18.66	20
		12	6	18.54	18.74	18.73	20
		12	13	18.73	18.60	18.64	20
		25	0	18.45	18.51	18.64	20
	256QAM	1	0	18.38	18.58	18.66	20
		1	12	18.54	18.53	18.56	20
		1	24	18.58	18.52	18.58	20
		12	0	18.54	18.42	18.69	20
		12	6	18.61	18.71	18.76	20
		12	13	18.53	18.69	18.53	20
		25	0	18.56	18.68	18.56	20

LTE Band 42 FCC Part27Q_Ant7

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequency (MHz)		3460	3500	3540	
20M	QPSK	1	0	19.22	19.16	19.26	20
		1	50	**19.44**	19.29	19.43	20
		1	99	19.38	19.27	19.20	20
		50	0	19.16	19.21	19.17	20
		50	25	19.27	19.40	19.37	20
		50	50	19.15	19.28	19.36	20
		100	0	19.37	19.16	19.16	20
	16QAM	1	0	19.14	19.20	19.36	20
		1	50	19.30	19.24	19.29	20
		1	99	19.27	19.36	19.32	20
		50	0	19.16	19.43	19.13	20
		50	25	19.39	19.27	19.17	20
		50	50	19.26	19.31	19.13	20
		100	0	19.37	19.35	19.25	20
	64QAM	1	0	19.34	19.32	19.27	20
		1	50	19.41	19.26	19.23	20
		1	99	19.26	19.29	19.21	20
		50	0	18.90	19.05	18.99	20
		50	25	19.02	18.95	18.97	20
		50	50	18.91	19.09	19.01	20
		100	0	18.99	18.95	18.83	20
	256QAM	1	0	16.94	17.01	16.91	18
		1	50	17.15	17.03	16.90	18
		1	99	16.75	16.82	16.82	18
		50	0	16.87	17.00	16.89	18
		50	25	16.86	17.01	16.97	18
		50	50	16.87	17.00	16.89	18
		100	0	17.01	17.03	16.90	18
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequency (MHz)		3457.5	3500	3542.5	
15M	QPSK	1	0	19.15	19.12	19.15	20
		1	37	19.32	19.26	19.35	20
		1	74	19.23	19.13	19.20	20
		36	0	19.13	19.11	19.13	20
		36	19	19.27	19.34	19.37	20
		36	39	19.08	19.26	19.31	20
		75	0	19.25	19.16	19.03	20
	16QAM	1	0	19.13	19.06	19.24	20
		1	37	19.27	19.24	19.23	20
		1	74	19.22	19.23	19.26	20
		36	0	19.15	19.41	19.07	20
		36	19	19.27	19.21	19.03	20
		36	39	19.20	19.27	19.02	20
		75	0	19.30	19.24	19.12	20
	64QAM	1	0	19.30	19.24	19.22	20
		1	37	19.26	19.22	19.20	20
		1	74	19.25	19.25	19.18	20
		36	0	18.87	18.92	18.89	20
		36	19	18.96	18.83	18.84	20
		36	39	18.80	18.95	18.96	20
		75	0	18.86	18.84	18.79	20
	256QAM	1	0	16.82	16.87	16.79	18
		1	37	17.13	16.89	16.84	18
		1	74	16.69	16.68	16.80	18
		36	0	16.85	16.98	16.79	18
		36	19	16.74	17.00	16.86	18
		36	39	16.72	16.89	16.77	18
		75	0	16.94	16.98	16.82	18
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequency (MHz)		3455	3500	3545	
10M	QPSK	1	0	19.07	19.16	19.12	20
		1	24	19.38	19.18	19.39	20
		1	49	19.24	19.27	19.18	20
		25	0	19.03	19.19	19.10	20
		25	12	19.26	19.37	19.35	20
		25	25	19.01	19.28	19.27	20
		50	0	19.23	19.14	19.07	20
	16QAM	1	0	19.03	19.17	19.24	20
		1	24	19.19	19.13	19.21	20
		1	49	19.16	19.32	19.29	20
		25	0	19.11	19.42	18.99	20
		25	12	19.38	19.26	19.13	20
		25	25	19.22	19.16	19.39	20
		50	0	19.22	19.20	19.23	20
	64QAM	1	0	19.21	19.25	19.17	20
		1	24	19.26	19.18	19.11	20
		1	49	19.09	19.20	19.16	20
		25	0	18.80	19.00	18.93	20
		25	12	18.91	18.89	18.91	20
		25	25	18.86	19.06	18.98	20
		50	0	18.91	18.91	18.82	20
	256QAM	1	0	16.81	16.87	16.84	18
		1	24	17.13	16.89	16.89	18
		1	49	16.68	16.73	16.69	18
		25	0	16.79	16.97	16.86	18
		25	12	16.76	16.87	16.88	18
		25	25	16.72	16.86	16.75	18
		50	0	16.93	16.98	16.76	18
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequency (MHz)		3452.5	3500	3547.5	
5M	QPSK	1	0	19.16	19.08	19.15	20
		1	12	19.33	19.20	19.28	20
		1	24	19.30	19.24	19.20	20
		12	0	19.05	19.12	19.14	20
		12	6	19.13	19.37	19.32	20
		12	13	19.12	19.22	19.20	20
		25	0	19.34	19.07	19.02	20
	16QAM	1	0	19.03	19.12	19.32	20
		1	12	19.23	19.15	19.15	20
		1	24	19.12	19.27	19.19	20
		12	0	19.15	19.32	18.98	20
		12	6	19.31	19.23	19.17	20
		12	13	19.19	19.31	18.98	20
		25	0	19.25	19.31	19.16	20
	64QAM	1	0	19.19	19.28	19.18	20
		1	12	19.40	19.14	19.21	20
		1	24	19.18	19.20	19.15	20
		12	0	18.85	18.98	18.92	20
		12	6	18.93	18.91	18.92	20
		12	13	18.90	18.96	18.95	20
		25	0	18.85	18.88	18.69	20
	256QAM	1	0	16.90	16.90	16.77	18
		1	12	17.04	16.89	16.75	18
		1	24	16.62	16.79	16.68	18
		12	0	16.84	16.93	16.86	18
		12	6	16.76	16.96	16.87	18
		12	13	16.75	16.86	16.79	18
		25	0	16.93	16.90	16.83	18

LTE Band 42 FCC Part96_Ant7

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43440	43690	
		Frequency (MHz)		3560	3575	3590	
20M	QPSK	1	0	19.14	19.07	19.22	20
		1	50	**19.36**	19.30	19.25	20
		1	99	19.17	19.29	19.17	20
		50	0	19.26	19.24	19.05	20
		50	25	19.27	19.25	19.26	20
		50	50	19.06	19.14	19.24	20
		100	0	19.31	19.29	19.15	20
	16QAM	1	0	19.22	19.21	19.27	20
		1	50	19.05	19.07	19.30	20
		1	99	19.07	19.03	19.04	20
		50	0	19.29	19.28	19.04	20
		50	25	19.31	19.11	19.05	20
		50	50	19.29	19.30	19.15	20
		100	0	19.25	19.30	19.08	20
	64QAM	1	0	19.02	19.16	19.29	20
		1	50	19.02	19.17	19.03	20
		1	99	19.14	19.31	19.09	20
		50	0	19.26	19.31	19.25	20
		50	25	19.32	19.18	19.35	20
		50	50	19.17	19.24	19.20	20
		100	0	19.08	19.20	19.18	20
	256QAM	1	0	17.15	17.27	17.16	18
		1	50	17.18	17.31	17.30	18
		1	99	17.09	16.96	17.01	18
		50	0	17.33	17.20	17.16	18
		50	25	17.28	17.19	17.26	18
		50	50	17.18	17.31	17.38	18
		100	0	17.40	17.37	17.18	18
BW	MCS Index	Channel		43165	43440	43715	Max. Tune-up
		Frequency (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	19.04	19.03	19.19	20
		1	37	19.22	19.27	19.20	20
		1	74	19.13	19.27	19.09	20
		36	0	19.24	19.13	18.90	20
		36	19	19.14	19.21	19.18	20
		36	39	19.03	19.09	19.19	20
		75	0	19.21	19.22	19.06	20
	16QAM	1	0	19.21	19.12	19.20	20
		1	37	18.95	18.92	19.24	20
		1	74	18.92	18.94	18.94	20
		36	0	19.15	19.20	19.02	20
		36	19	19.18	19.02	18.90	20
		36	39	19.16	19.30	19.06	20
		75	0	19.18	19.15	18.98	20
	64QAM	1	0	18.90	19.02	19.21	20
		1	37	18.87	19.09	18.89	20
		1	74	19.13	19.25	19.09	20
		36	0	19.16	19.22	19.24	20
		36	19	19.30	19.10	19.22	20
		36	39	19.13	19.09	19.05	20
		75	0	19.04	19.10	19.12	20
	256QAM	1	0	17.10	17.15	17.07	18
		1	37	17.09	17.19	17.15	18
		1	74	16.97	16.94	16.91	18
		36	0	17.31	17.14	17.15	18
		36	19	17.15	17.11	17.16	18
		36	39	17.11	17.17	17.36	18
		75	0	17.35	17.22	17.05	18
BW	MCS Index	Channel		43140	43440	43740	Max. Tune-up
		Frequency (MHz)		3555	3575	3595	
10M	QPSK	1	0	19.04	18.96	19.12	20
		1	24	19.32	19.19	19.21	20
		1	49	19.12	19.15	19.14	20
		25	0	19.12	19.20	18.92	20
		25	12	19.26	19.23	19.13	20
		25	25	18.93	19.08	19.17	20
		50	0	19.27	19.23	19.14	20
	16QAM	1	0	19.12	19.07	19.10	20
		1	24	19.02	18.98	19.25	20
		1	49	19.00	18.99	19.04	20
		25	0	19.22	19.16	19.04	20
		25	12	19.16	18.99	19.01	20
		25	25	19.19	19.16	19.15	20
		50	0	19.16	19.23	19.02	20
	64QAM	1	0	18.98	19.15	19.18	20
		1	24	18.90	19.06	18.88	20
		1	49	19.05	19.25	19.02	20
		25	0	19.24	19.18	19.22	20
		25	12	19.18	19.14	19.21	20
		25	25	19.10	19.23	19.14	20
		50	0	19.00	19.16	19.10	20
	256QAM	1	0	17.06	17.24	17.12	18
		1	24	17.17	17.21	17.20	18
		1	49	16.94	16.89	16.99	18
		25	0	17.26	17.14	17.12	18
		25	12	17.24	17.10	17.14	18
		25	25	17.11	17.24	17.32	18
		50	0	17.25	17.35	17

LTE DSI1

LTE Band 48 for SAR_Ant1

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55530	56150	56540	
		Frequency (MHz)		3560	3609	3641	3660	
20M	QPSK	1	0	17.26	17.21	17.27	17.21	18
		1	50	17.01	17.20	17.09	17.03	18
		1	99	17.01	17.08	17.22	17.03	18
		50	0	17.20	16.99	17.18	17.07	18
		50	25	16.99	17.03	17.22	17.16	18
		50	50	17.25	17.23	17.24	17.19	18
		100	0	17.27	17.19	17.14	17.05	18
	16QAM	1	0	17.06	17.01	17.05	17.03	18
		1	50	17.01	17.21	17.15	17.25	18
		1	99	17.12	17.25	17.13	17.22	18
		50	0	17.02	17.15	17.25	17.01	18
		50	25	17.12	17.06	17.21	17.21	18
		50	50	17.20	17.03	17.15	17.2	18
		100	0	17.08	17.00	17.13	17.04	18
	64QAM	1	0	16.99	16.99	17.06	17	18
		1	50	17.12	17.20	17.04	17.04	18
		1	99	17.19	16.99	17.19	17.12	18
		50	0	17.26	17.23	17.04	17.02	18
		50	25	17.20	17.08	17.13	17.13	18
		50	50	17.12	17.26	17.15	17.04	18
		100	0	17.04	17.12	17.06	17.04	18
	256QAM	1	0	15.99	15.60	15.64	15.58	17
		1	50	15.78	15.78	15.72	15.84	17
		1	99	15.75	15.74	15.72	15.7	17
		50	0	15.82	15.89	15.79	15.76	17
		50	25	15.92	15.92	15.99	15.94	17
		50	50	15.88	15.89	15.92	15.91	17
		100	0	15.95	15.89	15.94	15.89	17

BW	MCS Index	Channel		55310	55620	56160	56660	Max. Tune-up
		Frequency (MHz)		3557.5	3609	3642	3692.5	
15M	QPSK	1	0	17.24	17.19	17.23	17.09	18
		1	37	16.97	17.15	17.02	16.97	18
		1	74	16.93	17.08	17.14	17.01	18
		36	0	17.06	16.88	17.11	17.06	18
		36	19	16.84	16.90	17.21	17.07	18
		36	39	17.18	17.10	17.24	17.05	18
		75	0	17.18	17.09	17.05	17.04	18
	16QAM	1	0	17.06	17.00	16.90	16.92	18
		1	37	16.93	17.08	17.15	17.16	18
		1	74	17.11	17.25	17.13	17.09	18
		36	0	16.91	17.13	17.14	16.97	18
		36	19	16.98	16.99	17.19	17.17	18
		36	39	17.18	16.99	17.04	17.11	18
		75	0	16.94	16.91	17.05	16.91	18
	64QAM	1	0	16.94	16.90	17.04	16.89	18
		1	37	17.07	17.09	17.00	16.92	18
		1	74	17.12	16.95	17.05	16.97	18
		36	0	17.25	17.16	17.00	16.93	18
		36	19	17.05	16.95	16.98	17.13	18
		36	39	17.06	17.17	17.07	17.01	18
		75	0	16.99	16.97	16.92	16.94	18
	256QAM	1	0	15.57	15.58	15.63	15.44	17
		1	37	15.63	15.75	15.71	15.74	17
		1	74	15.67	15.65	15.59	15.63	17
		36	0	15.69	15.80	15.70	15.73	17
		36	19	15.87	15.91	15.92	15.82	17
		36	39	15.82	15.83	15.80	15.83	17
		75	0	15.90	15.88	15.76	15.78	17

BW	MCS Index	Channel		55290	55910	56150	56890	Max. Tune-up
		Frequency (MHz)		3555	3607.5	3642.5	3695	
10M	QPSK	1	0	17.23	17.12	17.18	17.06	18
		1	24	16.95	17.20	16.97	16.88	18
		1	49	16.99	16.94	17.10	17.00	18
		25	0	17.13	16.95	17.13	16.93	18
		25	12	16.92	16.95	17.15	17.09	18
		25	25	17.23	17.08	17.18	17.19	18
		50	0	17.20	17.10	17.06	16.96	18
	16QAM	1	0	17.06	16.87	17.01	17.01	18
		1	24	17.01	17.18	17.08	17.10	18
		1	49	17.06	17.23	17.12	17.21	18
		25	0	16.95	17.11	17.23	16.87	18
		25	12	17.05	16.94	17.10	17.06	18
		25	25	17.12	16.89	17.10	17.16	18
		50	0	17.01	16.87	17.08	17.04	18
	64QAM	1	0	16.85	16.95	16.99	16.94	18
		1	24	17.06	17.15	16.98	17.01	18
		1	49	17.19	16.95	17.19	16.99	18
		25	0	17.21	17.08	16.91	16.98	18
		25	12	17.19	17.06	17.10	17.07	18
		25	25	17.12	17.25	17.07	16.97	18
		50	0	16.92	17.09	17.03	16.90	18
	256QAM	1	0	15.45	15.51	15.51	15.44	17
		1	24	15.76	15.73	15.69	15.77	17
		1	49	15.71	15.62	15.70	15.67	17
		25	0	15.72	15.86	15.69	15.62	17
		25	12	15.90	15.85	15.90	15.89	17
		25	25	15.79	15.84	15.85	15.76	17
		50	0	15.84	15.86	15.81	15.83	17

BW	MCS Index	Channel		55265	55810	56170	56715	Max. Tune-up
		Frequency (MHz)		3552.5	3607	3645	3697.5	
5M	QPSK	1	0	17.25	17.14	17.23	17.18	18
		1	12	16.89	17.05	16.97	16.90	18
		1	24	16.87	16.94	17.08	16.93	18
		12	0	17.12	16.96	17.12	17.05	18
		12	6	16.85	16.90	17.10	17.01	18
		12	13	17.20	17.14	17.11	17.13	18
		25	0	17.21	17.19	17.03	16.93	18
	16QAM	1	0	17.06	16.85	16.99	16.89	18
		1	12	16.94	17.20	17.09	17.15	18
		1	24	17.12	17.24	17.00	17.16	18
		12	0	16.96	17.15	17.21	17.01	18
		12	6	17.02	17.04	17.06	17.21	18
		12	13	17.19	17.00	17.15	17.12	18
		25	0	17.01	16.90	17.02	16.95	18
	64QAM	1	0	16.89	16.87	17.05	16.93	18
		1	12	17.09	17.05	16.97	16.93	18
		1	24	17.08	16.95	17.16	17.04	18
		12	0	17.26	17.22	16.91	17.01	18
		12	6	17.19	16.99	17.06	17.09	18
		12	13	16.98	17.17	17.03	16.91	18
		25	0	16.92	17.03	17.05	17.00	18
	256QAM	1	0	15.50	15.45	15.59	15.43	17
		1	12	15.76	15.70	15.64	15.69	17
		1	24	15.66	15.59	15.57	15.61	17
		12	0	15.71	15.82	15.77	15.68	17
		12	6	15.90	15.81	15.90	15.83	17
		12	13	15.79	15.79	15.88	15.86	17
		25	0	15.87	15.83	15.71	15.81	17

LTE Band 48 for SAR_Ant2

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55530	56150	56540	
		Frequency (MHz)		3560	3609	3641	3660	
20M	QPSK	1	0	17.45	17.33	17.35	17.37	18.5
		1	50	17.19	17.16	17.34	17.2	18.5
		1	99	17.14	17.13	17.16	17.3	18.5
		50	0	17.24	17.17	17.22	17.17	18.5
		50	25	17.31	17.13	17.16	17.25	18.5
		50	50	17.38	17.37	17.25	17.31	18.5
		100	0	17.41	17.28	17.18	17.36	18.5
	16QAM	1	0	17.13	17.17	17.12	17.21	18.5
		1	50	17.37	17.15	17.27	17.39	18.5
		1	99	17.20	17.41	17.30	17.26	18.5
		50	0	17.37	17.34	17.28	17.21	18.5
		50	25	17.11	17.39	17.40	17.3	18.5
		50	50	17.25	17.16	17.32	17.16	18.5
		100	0	17.12	17.34	17.14	17.34	18.5
	64QAM	1	0	17.31	17.27	17.34	17.4	18.5
		1	50	17.16	17.22	17.27	17.29	18.5
		1	99	17.36	17.22	17.20	17.32	18.5
		50	0	17.26	17.19	17.41	17.14	18.5
		50	25	17.35	17.24	17.37	17.34	18.5
		50	50	17.29	17.36	17.28	17.38	18.5
		100	0	17.20	17.22	17.27	17.27	18.5
	256QAM	1	0	17.39	17.29	17.41	17.17	18.5
		1	50	17.14	17.28	17.14	17.15	18.5
		1	99	17.37	17.23	17.36	17.32	18.5
		50	0	17.18	17.32	17.20	17.25	18.5
		50	25	17.15	17.21	17.15	17.26	18.5
		50	50	17.31	17.20	17.40	17.4	18.5
		100	0	17.11	17.22	17.12	17.25	18.5

BW	MCS Index	Channel		55310	55620	56160	56660	Max. Tune-up
		Frequency (MHz)		3557.5	3609	3642	3692.5	
15M	QPSK	1	0	17.38	17.31	17.32	17.32	18.5
		1	37	17.16	17.11	17.29	17.14	18.5
		1	74	17.08	17.05	17.02	17.25	18.5
		36	0	17.39	17.29	17.41	17.17	18.5
		36	19	17.21	17.10	17.03	17.23	18.5
		36	39	17.24	17.23	17.16	17.20	18.5
		75	0	17.38	17.21	17.07	17.27	18.5
	16QAM	1	0	17.07	17.17	17.06	17.21	18.5
		1	37	17.37	17.15	17.12	17.26	18.5
		1	74	17.11	17.31	17.26	17.17	18.5
		36	0	17.29	17.26	17.28	17.06	18.5
		36	19	16.96	17.35	17.33	17.17	18.5
		36	39	17.24	17.16	17.32	17.10	18.5
	64QAM	1	0	17.08	17.32	16.99	17.31	18.5
		1	37	17.17	17.16	17.25	17.36	18.5
		1	74	17.28	17.22	17.12	17.20	18.5
		36	0	17.23	17.18	17.41	17.03	18.5
		36	19	17.29	17.34	17.20	17.16	18.5
		36	39	17.29	17.34	17.20	17.26	18.5
		75	0	17.13	17.19	17.27	17.12	18.5
	256QAM	1	0	17.35	17.19	17.40	17.04	18.5
		1	37	16.99	17.22	17.09	17.09	18.5
		1	74	17.23	17.11	17.35	17.3	18.5
		36	0	17.10	17.18	17.11	17.13	18.5
		36	19	17.10	17.11	17.11	17.13	18.5
		36	39	17.28	17.07	17.38	17.39	18.5
		75	0	17.05	17.11	17.04	17.2	18.5

BW	MCS Index	Channel		55290	55910	56150	56890	Max. Tune-up
		Frequency (MHz)		3555	3607.5	3642.5	3695	
10M	QPSK	1	0	17.44	17.22	17.27	17.29	18.5
		1	24	17.14	17.23	17.20	17.20	18.5
		1	49	17.12	17.00	17.08	17.26	18.5
		25	0	17.17	17.16	17.12	17.11	18.5
		25	12	17.31	17.12	17.14	17.19	18.5
		25	25	17.31	17.24	17.15	17.29	18.5
		50	0	17.37	17.28	17.12	17.26	18.5
	16QAM	1	0	17.10	17.14	17.04	17.14	18.5
		1	24	17.37	17.11	17.22	17.35	18.5
		1	49	17.19	17.37	17.23	17.11	18.5
		25	0	17.35	17.20	17.13	17.14	18.5
		25	12	16.99	17.30	17.29	17.27	18.5
		25	25	17.36	17.15	17.25	17.06	18.5
		50	0	17.01	17.32	17.13	17.29	18.5
	64QAM	1	0	17.17	17.22	17.28	17.38	18.5
		1	24	17.16	17.12	17.25	17.29	18.5
		1	49	17.25	17.14	17.20	17.19	18.5
		25	0	17.18	17.15	17.38	17.01	18.5
		25	12	17.15	17.10	17.26	17.22	18.5
		25	25	17.18	17.26	17.15	17.24	18.5
		50	0	17.08	17.22	17.20	17.22	18.5
	256QAM	1	0	17.26	17.31	17.03	17.03	18.5
		1	24	17.11	17.20	17.00	17.05	18.5
		1	49	17.34	17.23	17.25	17.26	18.5
		25	0	17.14	17.26	17.15	17.21	18.5
		25	12	17.01	17.07	17.12	17.23	18.5
		25	25	17.39	17.18	17.34	17.36	18.5
		50	0	17.01	17.16	17.12	17.23	18.5

BW	MCS Index	Channel		55265	55810	56170	56715	Max. Tune-up
		Frequency (MHz)		3552.5	3607	3645	3697.5	
5M	QPSK	1	0	17.42	17.24	17.26	17.37	18.5
		1	12	17.19	17.10	17.32	17.16	18.5
		1	24	17.11	17.11	17.31	17.17	18.5
		12	0	17.21	17.06	17.11	17.06	18.5
		12	6	17.17	17.08	17.01	17.11	18.5
		12	13	17.38	17.24	17.37	17.34	18.5
		25	0	17.32	17.26	17.14	17.32	18.5
	16QAM	1	0	16.99	17.03	17.08	17.20	18.5
		1	12	17.33	17.06	17.15	17.32	18.5
		1	24	17.08	17.39	17.21	17.12	18.5
		12	0	17.34	17.16	17.34	17.06	18.5
		12	6	16.96	17.28	17.32	17.24	18.5
		12	13	17.14	17.07	17.26	17.08	18.5
		25	0	17.02	17.34	17.03	17.33	18.5
	64QAM	1	0	17.24	17.13	17.22	17.35	18.5
		1	12	17.08	17.16	17.25	17.15	18.5
		1	24	17.25	17.12	17.10	17.21	18.5
		12	0	17.12	17.12	17.34	17.11	18.5
		12	6	17.24	17.20	17.32	17.19	18.5
		12	13	17.28	17.22	17.18	17.27	18.5
		25	0	17.12	17.12	17.25	17.18	18.5
	256QAM	1	0	17.32	17.24	17.28	17.08	18.5
		1	12	17.10	17.18	17.11	17.04	18.5
		1	24	17.33	17.08	17.29	17.26	18.5
		12	0	17.14	17.22	17.11	17.22	18.5
		12	6	17.02	17.07	17.13	17.22	18.5
		12	13	17.29	17.10	17.36	17.25	18.5
		25	0	16.97	17.15	16.99	17.23	18.5

LTE Band 48 for SAR_Ant3

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55530	56150	56540	
		Frequency (MHz)		3560	3609	3641	3660	
20M	QPSK	1	0	18.90	18.62	18.80	18.84	19
		1	50	18.92	18.89	18.89	18.85	19
		1	99	18.85	18.77	18.85	18.62	19
		50	0	18.94	18.75	18.91	18.85	19
		50	25	18.85	18.82	18.80	18.84	19
		50	50	18.84	18.79	18.69	18.89	19
		100	0	18.88	18.86	18.79	18.67	19
	16QAM	1	0	18.68	18.67	18.75	18.79	19
		1	50	18.90	18.69	18.78	18.89	19
		1	99	18.82	18.83	18.84	18.9	19
		50	0	18.89	18.76	18.97	18.7	19
		50	25	18.80	18.82	18.66	18.7	19
		50	50	18.74	18.76	18.73	18.73	19
		100	0	18.76	18.77	18.86	18.86	19
	64QAM	1	0	18.91	18.89	18.86	18.84	19
		1	50	18.84	18.78	18.74	18.67	19
		1	99	18.83	18.87	18.64	18.63	19
		50	0	18.70	18.67	18.66	18.77	19
		50	25	18.73	18.83	18.62	18.68	19
		50	50	18.68	18.80	18.76	18.82	19
		100	0	18.79	18.61	18.61	18.9	19
	256QAM	1	0	17.25	17.02	17.21	17.39	18
		1	50	17.26	17.24	17.18	17.38	18
		1	99	17.28	17.23	17.10	17.19	18
		50	0	17.27	17.22	17.23	17.38	18
		50	25	17.25	17.29	17.32	17.58	18
		50	50	17.53	17.21	17.29	17.47	18
		100	0	17.37	17.43	17.42	17.46	18

BW	MCS Index	Channel		55310	55620	56160	56660	Max. Tune-up
		Frequency (MHz)		3557.5	3609	3642	3692.5	
15M	QPSK	1	0	18.75	18.60	18.71	18.78	19
		1	37	18.60	18.74	18.85	18.72	19
		1	74	18.55	18.67	18.74	18.56	19
		36	0	18.83	18.74	18.59	18.65	19
		36	19	18.81	18.81	18.66	18.77	19
		36	39	18.76	18.66	18.61	18.79	19
		75	0	18.78	18.78	18.68	18.52	19
	16QAM	1	0	18.67	18.52	18.65	18.75	19
		1	37	18.79	18.79	18.73	18.67	19
		1	74	18.79	18.76	18.79	18.83	19
		36	0	18.83	18.66	18.84	18.60	19
		36	19	18.80	18.76	18.58	18.59	19
		36	39	18.68	18.69	18.65	18.58	19
		75	0	18.70	18.74	18.81	18.79	19
	64QAM	1	0	18.81	18.81	18.85	18.79	19
		1	37	18.74	18.75	18.81	18.57	19
		1	74	18.71	18.83	18.59	18.53	19
		36	0	18.56	18.67	18.59	18.69	19
		36	19	18.60	18.58	18.59	18.54	19
		36	39	18.55	18.76	18.63	18.69	19
		75	0	18.77	18.47	18.49	18.59	19
	256QAM	1	0	17.20	16.89	17.13	17.37	18
		1	37	17.21	17.12	17.08	17.3	18
		1	74	17.25	17.18	17.02	17.07	18
		36	0	17.14	17.20	17.17	17.36	18
		36	19	17.37	17.15	17.27	17.52	18
		36	39	17.41	17.11	17.18	17.43	18
		75	0	17.29	17.37	17.35	17.36	18

BW	MCS Index	Channel		55290	55910	56150	56890	Max. Tune-up
		Frequency (MHz)		3555	3607.5	3642.5	3695	
10M	QPSK	1	0	18.79	18.49	18.65	18.77	19
		1	24	18.77	18.79	18.87	18.81	19
		1	49	18.65	18.62	18.82	18.59	19
		25	0	18.59	18.72	18.61	18.54	19
		25	12	18.83	18.74	18.65	18.58	19
		25	25	18.72	18.64	18.60	18.69	19
		50	0	18.77	18.75	18.73	18.59	19
	16QAM	1	0	18.86	18.67	18.65	18.67	19
		1	24	18.82	18.69	18.65	18.60	19
		1	49	18.74	18.73	18.75	18.59	19
		25	0	18.78	18.72	18.79	18.69	19
		25	12	18.74	18.48	18.53	18.61	19
		25	25	18.82	18.63	18.68	18.58	19
		50	0	18.69	18.63	18.86	18.78	19
	64QAM	1	0	18.82	18.75	18.82	18.79	19
		1	24	18.82	18.63	18.72	18.56	19
		1	49	18.83	18.80	18.63	18.58	19
		25	0	18.58	18.54	18.58	18.73	19
		25	12	18.63	18.59	18.48	18.55	19
		25	25	18.66	18.68	18.69	18.69	19
		50	0	18.66	18.52	18.53	18.75	19
	256QAM	1	0	17.12	16.89	17.14	17.33	18
		1	24	17.11	17.15	17.03	17.35	18
		1	49	17.13	17.15	17.03	17.09	18
		25	0	17.14	17.18	17.11	17.29	18
		25	12	17.35	17.23	17.27	17.52	18
		25	25	17.38	17.36	17.37	17.28	18
		50	0	17.27	17.36	17.37	17.28	18

BW	MCS Index	Channel		55265	55910	56170	56715	Max. Tune-up
		Frequency (MHz)		3552.5	3607	3645	3697.5	
5M	QPSK	1	0	18.90	18.56	18.70	18.72	19
		1	12	18.78	18.84	18.80	18.76	19
		1	24	18.52	18.62	18.79	18.61	19
		12	0	18.49	18.74	18.52	18.68	19
		12	6	18.78	18.67	18.78	18.77	19
		12	13	18.80	18.74	18.78	18.77	19
		25	0	18.80	18.83	18.77	18.65	19
	16QAM	1	0	18.82	18.55	18.59	18.73	19
		1	12	18.80	18.82	18.72	18.77	19
		1	24	18.72	18.78	18.78	18.67	19
		12	0	18.89	18.63	18.78	18.62	19
		12	6	18.74	18.60	18.58	18.69	19
		12	13	18.69	18.69	18.58	18.59	19
		25	0	18.73	18.71	18.63	18.78	19
	64QAM	1	0	18.84	18.83	18.83	18.78	19
		1	12	18.74	18.66	18.67	18.61	19
		1	24	18.81	18.76	18.61	18.45	19
		12	0	18.67	18.62	18.66	18.79	19
		12	6	18.61	18.51	18.50	18.64	19
		12	13	18.62	18.72	18.73	18.67	19
		25	0	18.73	18.52	18.54	18.69	19
	256QAM	1	0	17.24	16.93	17.14	17.34	18
		1	12	17.24	17.17	17.03	17.33	18
		1	24	17.21	17.09	17.06	17.05	18
		12	0	17.15	17.21	17.12	17.36	18
		12	6	17.34	17.26	17.18	17.44	18
		12	13	17.44	17.18	17.16	17.40	18
		25	0	17.35	17.32	17.34	17.35	18

LTE Band 48 for SAR_Ant7

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55530	56150	56540	
		Frequency (MHz)		3560	3609	3641	3660	
20M	QPSK	1	0	20.65	20.57	20.54	20.45	21.5
		1	50	20.71	20.59	20.62	20.47	21.5
		1	99	20.61	20.51	20.48	20.39	21.5
		50	0	19.72	19.68	19.61	19.56	20.5
		50	25	19.78	19.72	19.67	19.64	20.5
		50	50	19.71	19.63	19.63	19.61	20.5
		100	0	19.81	19.71	19.68	19.48	20.5
	16QAM	1	0	19.61	19.55	19.48	19.37	20.5
		1	50	19.63	19.52	19.53	19.45	20.5
		1	99	19.66	19.51	19.53	19.52	20.5
		50	0	18.68	18.63	18.53	18.51	19.5
		50	25	18.77	18.62	18.67	18.7	19.5

LTE DSI1

LTE Band 66_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	23.59	23.73	23.71	24
		1	50	23.80	**23.87**	23.77	24
		1	99	23.61	23.77	23.74	24
		50	0	22.72	22.69	22.72	23
		50	25	22.75	22.81	22.79	23
		50	50	22.68	22.74	22.77	23
		100	0	22.69	22.73	22.71	23
	16QAM	1	0	22.86	22.88	22.86	23
		1	50	22.97	22.99	22.98	23
		1	99	22.92	22.94	22.93	23
		50	0	21.76	21.80	21.79	22
		50	25	21.77	21.81	21.80	22
		50	50	21.80	21.84	21.83	22
		100	0	21.81	21.83	21.80	22
	64QAM	1	0	21.87	21.90	21.89	22
		1	50	21.91	21.94	21.93	22
		1	99	21.89	21.92	21.90	22
		50	0	20.66	20.76	20.75	21
		50	25	20.73	20.85	20.83	21
		50	50	20.81	20.83	20.85	21
		100	0	20.77	20.78	20.76	21
	256QAM	1	0	18.79	18.84	18.82	19
		1	50	18.83	18.88	18.82	19
		1	99	18.82	18.87	18.73	19
		50	0	18.65	18.70	18.76	19
		50	25	18.73	18.80	18.77	19
		50	50	17.69	18.77	18.60	19
		100	0	18.74	18.75	18.62	19
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	23.52	23.66	23.64	24
		1	37	23.73	23.78	23.66	24
		1	74	23.60	23.69	23.68	24
		36	0	22.59	22.67	22.70	23
		36	19	22.70	22.80	22.68	23
		36	39	22.66	22.68	22.64	23
		75	0	22.65	22.60	22.69	23
	16QAM	1	0	22.75	22.82	22.83	23
		1	37	22.85	22.98	22.87	23
		1	74	22.89	22.83	22.86	23
		36	0	21.64	21.70	21.77	22
		36	19	21.70	21.77	21.67	22
		36	39	21.78	21.77	21.81	22
		75	0	21.71	21.68	21.79	22
	64QAM	1	0	21.76	21.83	21.84	22
		1	37	21.87	21.79	21.78	22
		1	74	21.79	21.78	21.84	22
		36	0	20.55	20.67	20.69	21
		36	19	20.70	20.82	20.77	21
		36	39	20.74	20.74	20.76	21
		75	0	20.66	20.73	20.74	21
	256QAM	1	0	18.70	18.82	18.71	19
		1	37	18.81	18.87	18.68	19
		1	74	18.73	18.81	18.66	19
		36	0	18.59	18.56	18.74	19
		36	19	18.69	18.77	18.65	19
		36	39	17.64	18.66	18.51	19
		75	0	18.63	18.60	18.58	19
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	23.38	23.55	23.60	24
		1	24	23.72	23.65	23.58	24
		1	49	23.46	23.67	23.64	24
		25	0	22.56	22.61	22.62	23
		25	12	22.58	22.67	22.64	23
		25	25	22.56	22.61	22.56	23
		50	0	22.51	22.50	22.59	23
	16QAM	1	0	22.74	22.79	22.70	23
		1	24	22.76	22.93	22.74	23
		1	49	22.81	22.79	22.77	23
		25	0	21.51	21.67	21.73	22
		25	12	21.62	21.71	21.52	22
		25	25	21.73	21.70	21.72	22
		50	0	21.62	21.58	21.71	22
	64QAM	1	0	21.66	21.70	21.71	22
		1	24	21.75	21.68	21.68	22
		1	49	21.73	21.73	21.81	22
		25	0	20.40	20.52	20.68	21
		25	12	20.62	20.70	20.65	21
		25	25	20.63	20.71	20.71	21
		50	0	20.63	20.69	20.66	21
	256QAM	1	0	18.60	18.74	18.61	19
		1	24	18.66	18.79	18.62	19
		1	49	18.69	18.66	18.62	19
		25	0	18.50	18.45	18.71	19
		25	12	18.68	18.63	18.52	19
		25	25	17.58	18.53	18.50	19
		50	0	18.51	18.51	18.48	19
BW	Modulation	Channel		131997	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	23.48	23.72	23.59	24
		1	12	23.73	23.72	23.69	24
		1	24	23.52	23.65	23.72	24
		12	0	22.64	22.65	22.64	23
		12	6	22.64	22.77	22.71	23
		12	13	22.55	22.59	22.70	23
		25	0	22.60	22.68	22.56	23
	16QAM	1	0	22.85	22.84	22.72	23
		1	12	22.85	22.94	22.94	23
		1	24	22.89	22.81	22.91	23
		12	0	21.61	21.69	21.73	22
		12	6	21.63	21.69	21.66	22
		12	13	21.75	21.79	21.68	22
		25	0	21.70	21.77	21.72	22
	64QAM	1	0	21.86	21.76	21.85	22
		1	12	21.77	21.85	21.81	22
		1	24	21.83	21.88	21.78	22
		12	0	20.61	20.73	20.63	21
		12	6	20.71	20.78	20.79	21
		12	13	20.80	20.72	20.79	21
		25	0	20.63	20.66	20.73	21
	256QAM	1	0	18.68	18.70	18.71	19
		1	12	18.80	18.80	18.70	19
		1	24	18.67	18.79	18.69	19
		12	0	18.51	18.61	18.64	19
		12	6	18.58	18.65	18.67	19
		12	13	17.61	18.76	18.57	19
		25	0	18.68	18.74	18.53	19
BW	Modulation	Channel		131987	132322	132657	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	23.58	23.61	23.68	24
		1	7	23.69	23.82	23.72	24
		1	14	23.48	23.75	23.66	24
		8	0	22.63	22.60	22.64	23
		8	3	22.65	22.75	22.70	23
		8	7	22.59	22.63	22.70	23
		15	0	22.57	22.60	22.65	23
	16QAM	1	0	22.80	22.73	22.80	23
		1	7	22.95	22.90	22.88	23
		1	14	22.78	22.83	22.86	23
		8	0	21.70	21.65	21.74	22
		8	3	21.66	21.79	21.74	22
		8	7	21.74	21.80	21.79	22
		15	0	21.80	21.73	21.74	22
	64QAM	1	0	21.74	21.89	21.75	22
		1	7	21.89	21.91	21.91	22
		1	14	21.81	21.91	21.85	22
		8	0	20.53	20.65	20.74	21
		8	3	20.60	20.82	20.70	21
		8	7	20.70	20.72	20.73	21
		15	0	20.72	20.65	20.68	21
	256QAM	1	0	18.65	18.83	18.78	19
		1	7	18.81	18.78	18.72	19
		1	14	18.80	18.83	18.72	19
		8	0	18.60	18.56	18.70	19
		8	3	18.67	18.73	18.74	19
		8	7	17.63	18.69	18.59	19
		15	0	18.69	18.72	18.58	19
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	23.42	23.48	23.56	24
		1	2	23.63	23.68	23.56	24
		1	5	23.34	23.61	23.59	24
		3	0	23.47	23.43	23.36	24
		3	1	23.50	23.42	23.53	24
		3	3	23.52	23.34	23.45	24
		6	0	22.55	22.62	22.42	23
	16QAM	1	0	22.62	22.78	22.71	23
		1	2	22.81	22.83	22.91	23
		1	5	22.85	22.74	22.70	23
		3	0	22.40	22.56	22.51	23
		3	1	22.44	22.60	22.49	23
		3	3	22.60	22.48	22.49	23
		6	0	21.52	21.64	21.73	22
	64QAM	1	0	21.77	21.70	21.75	22
		1	2	21.68	21.79	21.67	22
		1	5	21.72	21.75	21.79	22
		3	0	21.44	21.52	21.39	22
		3	1	21.50	21.58	21.63	22
		3	3	21.56	21.58	21.64	22
		6	0	20.61	20.60	20.59	21
	256QAM	1	0	18.59	18.72	18.67	19
		1	2	18.75	18.83	18.64	19
		1	5	18.63	18.76	18.64	19
		3	0	18.53	18.50	18.64	19
		3	1	18.57	18.70	18.66	19
		3	3	17.58	18.51	18.41	19
		6	0	18.53	18.51	18.40	19

LTE Band 66_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	17.49	17.38	17.48	18
		1	50	17.52	**17.62**	17.57	18
		1	99	17.33	17.38	17.56	18
		50	0	17.32	17.56	17.34	18
		50	25	17.51	17.57	17.51	18
		50	50	17.42	17.41	17.48	18
		100	0	17.48	17.52	17.31	18
	16QAM	1	0	17.58	17.47	17.41	18
		1	50	17.41	17.32	17.37	18
		1	99	17.32	17.47	17.34	18
		50	0	17.61	17.60	17.37	18
		50	25	17.32	17.37	17.32	18
		50	50	17.32	17.40	17.56	18
		100	0	17.40	17.59	17.47	18
	64QAM	1	0	17.47	17.47	17.40	18
		1	50	17.54	17.36	17.43	18
		1	99	17.31	17.60	17.52	18
		50	0	17.38	17.45	17.60	18
		50	25	17.46	17.58	17.31	18
		50	50	17.32	17.46	17.34	18
		100	0	17.55	17.41	17.57	18
	256QAM	1	0	17.57	17.44	17.53	18
		1	50	17.54	17.61	17.38	18
		1	99	17.50	17.57	17.37	18
		50	0	17.50	17.44	17.57	18
		50	25	17.47	17.31	17.55	18
		50	50	17.37	17.38	17.42	18
		100	0	17.41	17.38	17.57	18
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	17.48	17.37	17.40	18
		1	37	17.50	17.55	17.43	18
		1	74	17.23	17.30	17.54	18
		36	0	17.28	17.49	17.19	18
		36	19	17.38	17.54	17.44	18
		36	39	17.29	17.28	17.40	18
		75	0	17.34	17.40	17.27	18
	16QAM	1	0	17.44	17.43	17.35	18
		1	37	17.26	17.23	17.36	18
		1	74	17.27	17.39	17.27	18
		36	0	17.59	17.47	17.23	18
		36	19	17.21	17.37	17.32	18
		36	39	17.26	17.34	17.46	18
		75	0	17.26	17.52	17.47	18
	64QAM	1	0	17.39	17.38	17.36	18
		1	37	17.47	17.34	17.40	18
		1	74	17.23	17.51	17.45	18
		36	0	17.27	17.33	17.54	18
		36	19	17.42	17.52	17.30	18
		36	39	17.31	17.40	17.23	18
		75	0	17.45	17.32	17.54	18
	256QAM	1	0	17.54	17.42	17.44	18
		1	37	17.47	17.60	17.31	18
		1	74	17.41	17.49	17.26	18
		36	0	17.35	17.35	17.46	18
		36	19	17.42	17.27	17.46	18
		36	39	17.25	17.27	17.41	18
		75	0	17.39	17.38	17.52	18
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	17.43	17.24	17.40	18
		1	24	17.50	17.57	17.51	18
		1	49	17.30	17.33	17.55	18
		25	0	17.27	17.51	17.27	18
		25	12	17.48	17.47	17.49	18
		25	25	17.31	17.37	17.34	18
		50	0	17.37	17.42	17.29	18
	16QAM	1	0	17.53	17.44	17.35	18
		1	24	17.28	17.31	17.26	18
		1	49	17.26	17.38	17.32	18
		25	0	17.52	17.45	17.35	18
		25	12	17.24	17.34	17.25	18
		25	25	17.25	17.39	17.42	18
		50	0	17.39	17.51	17.44	18
	64QAM	1	0	17.35	17.39	17.29	18
		1	24	17.40	17.36	17.29	18
		1	49	17.26	17.47	17.41	18
		25	0	17.33	17.36	17.50	18
		25	12	17.33	17.52	17.25	18
		25	25	17.28	17.31	17.30	18
		50	0	17.41	17.34	17.45	18
	256QAM	1	0	17.49	17.30	17.38	18
		1	24	17.51	17.47	17.33	18
		1	49	17.37	17.45	17.37	18
		25	0	17.39	17.31	17.51	18
		25	12	17.43	17.27	17.52	18
		25	25	17.29	17.27	17.35	18
		50	0	17.36	17.37	17.57	18
BW	Modulation	Channel		131997	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	17.41	17.30	17.43	18
		1	12	17.49	17.58	17.46	18
		1	24	17.23	17.29	17.56	18
		12	0	17.25	17.44	17.28	18
		12	6	17.36	17.56	17.49	18
		12	13	17.39	17.34	17.40	18
		25	0	17.37	17.50	17.21	18
	16QAM	1	0	17.51	17.41	17.31	18
		1	12	17.34	17.29	17.37	18
		1	24	17.17	17.46	17.29	18
		12	0	17.54	17.54	17.30	18
		12	6	17.26	17.26	17.18	18
		12	13	17.26	17.27	17.43	18
		25	0	17.34	17.51	17.32	18
	64QAM	1	0	17.40	17.47	17.33	18
		1	12	17.48	17.35	17.30	18
		1	24	17.25	17.59	17.52	18
		12	0	17.26	17.38	17.54	18
		12	6	17.38	17.56	17.30	18
		12	13	17.17	17.36	17.24	18
		25	0	17.43	17.36	17.50	18
	256QAM	1	0	17.53	17.43	17.45	18
		1	12	17.40	17.53	17.31	18
		1	24	17.44	17.49	17.29	18
		12	0	17.39	17.36	17.48	18
		12	6	17.40	17.21	17.44	18
		12	13	17.36	17.34	17.27	18
		25	0	17.29	17.35	17.57	18
BW	Modulation	Channel		131987	132322	132657	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	17.35	17.34	17.42	18
		1	7	17.48	17.48	17.54	18
		1	14	17.29	17.35	17.51	18
		8	0	17.28	17.41	17.28	18
		8	3	17.41	17.46	17.49	18
		8	7	17.29	17.30	17.42	18
		15	0	17.43	17.48	17.27	18
	16QAM	1	0	17.44	17.44	17.33	18
		1	7	17.38	17.30	17.37	18
		1	14	17.24	17.38	17.20	18
		8	0	17.53	17.55	17.23	18
		8	3	17.31	17.22	17.18	18
		8	7	17.20	17.40	17.49	18
		15	0	17.25	17.59	17.41	18
	64QAM	1	0	17.47	17.43	17.32	18
		1	7	17.40	17.28	17.41	18
		1	14	17.30	17.46	17.46	18
		8	0	17.30	17.33	17.54	18
		8	3	17.34	17.56	17.17	18
		8	7	17.24	17.44	17.31	18
		15	0	17.43	17.41	17.57	18
	256QAM	1	0	17.50	17.35	17.46	18
		1	7	17.43	17.55	17.24	18
		1	14	17.35	17.51	17.24	18
		8	0	17.35	17.44	17.54	18
		8	3	17.42	17.20	17.45	18
		8	7	17.34	17.31	17.40	18
		15	0	17.37	17.32	17.44	18
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	17.44	17.25	17.44	18
		1	2	17.48	17.53	17.51	18
		1	5	17.19	17.35	17.42	18
		3	0	17.25	17.46	17.30	18
		3	1	17.46	17.49	17.37	18
		3	3	17.40	17.27	17.45	18
		6	0	17.46	17.49	17.28	18
	16QAM	1	0	17.58	17.45	17.29	18
		1	2	17.28	17.20	17.24	18
		1	5	17.18	17.32	17.21	18
		3	0	17.48	17.46	17.27	18
		3	1	17.28	17.25	17.23	18
		3	3	17.21	17.30	17.54	18
		6	0	17.34	17.49	17.47	18
	64QAM	1	0	17.37	17.44	17.32	18
		1	2	17.44	17.33	17.42	18
		1	5	17.31	17.49	17.49	18
		3	0	17.37	17.42	17.50	18
		3	1	17.33	17.57	17.17	18
		3	3	17.18	17.40	17.33	18
		6	0	17.47	17.37	17.51	18
	256QAM	1	0	17.54	17.38	17.50	18
		1	2	17.49	17.58	17.27	18
		1	5	17.35	17.51	17.28	18
		3	0	17.41	17.32	17.50	18
		3	1	17.32	17.24	17.45	18
		3	3	17.26	17.29	17.42	18
		6	0	17.28	17.29	17.44	18

LTE Band 66_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	15.78	15.88	15.75	16.5
		1	50	15.87	**15.99**	15.79	16.5
		1	99	15.74	15.94	15.70	16.5
		50	0	15.70	15.73	15.78	16.5
		50	25	15.86	15.78	15.86	16.5
		50	50	15.92	15.96	15.87	16.5
		100	0	15.85	15.95	15.77	16.5
	16QAM	1	0	15.85	15.71	15.85	16.5
		1	50	15.98	15.93	15.90	16.5
		1	99	15.83	15.75	15.88	16.5
		50	0	15.85	15.92	15.91	16.5
		50	25	15.72	15.83	15.80	16.5
		50	50	15.76	15.69	15.78	16.5
		100	0	15.86	15.91	15.91	16.5
	64QAM	1	0	15.76	15.76	15.88	16.5
		1	50	15.87	15.76	15.72	16.5
		1	99	15.89	15.93	15.75	16.5
		50	0	15.86	15.91	15.70	16.5
		50	25	15.83	15.78	15.98	16.5
		50	50	15.90	15.69	15.75	16.5
		100	0	15.97	15.92	15.85	16.5
	256QAM	1	0	15.94	15.95	15.80	16.5
		1	50	15.75	15.86	15.86	16.5
		1	99	15.91	15.73	15.96	16.5
		50	0	15.75	15.70	15.93	16.5
		50	25	15.95	15.79	15.69	16.5
		50	50	15.85	15.73	15.92	16.5
		100	0	15.84	15.68	15.84	16.5
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	15.78	15.77	15.72	16.5
		1	37	15.81	15.91	15.66	16.5
		1	74	15.73	15.93	15.68	16.5
		36	0	15.61	15.66	15.78	16.5
		36	19	15.77	15.69	15.75	16.5
		36	39	15.91	15.82	15.78	16.5
		75	0	15.82	15.94	15.65	16.5
	16QAM	1	0	15.79	15.70	15.85	16.5
		1	37	15.90	15.87	15.88	16.5
		1	74	15.73	15.75	15.86	16.5
		36	0	15.72	15.81	15.81	16.5
		36	19	15.69	15.79	15.80	16.5
		36	39	15.63	15.65	15.68	16.5
		75	0	15.76	15.86	15.77	16.5
	64QAM	1	0	15.74	15.75	15.76	16.5
		1	37	15.79	15.71	15.63	16.5
		1	74	15.89	15.86	15.60	16.5
		36	0	15.72	15.81	15.58	16.5
		36	19	15.79	15.75	15.97	16.5
		36	39	15.90	15.68	15.75	16.5
		75	0	15.84	15.91	15.74	16.5
	256QAM	1	0	15.92	15.82	15.74	16.5
		1	37	15.70	15.82	15.84	16.5
		1	74	15.90	15.70	15.88	16.5
		36	0	15.74	15.69	15.83	16.5
		36	19	15.89	15.71	15.65	16.5
		36	39	15.84	15.62	15.83	16.5
		75	0	15.74	15.56	15.82	16.5
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	15.69	15.77	15.73	16.5
		1	24	15.82	15.93	15.64	16.5
		1	49	15.65	15.88	15.62	16.5
		25	0	15.61	15.69	15.73	16.5
		25	12	15.83	15.70	15.72	16.5
		25	25	15.86	15.86	15.76	16.5
		50	0	15.80	15.87	15.69	16.5
	16QAM	1	0	15.72	15.63	15.72	16.5
		1	24	15.96	15.88	15.78	16.5
		1	49	15.69	15.72	15.81	16.5
		25	0	15.82	15.80	15.91	16.5
		25	12	15.66	15.69	15.65	16.5
		25	25	15.61	15.58	15.71	16.5
		50	0	15.72	15.89	15.82	16.5
	64QAM	1	0	15.68	15.62	15.76	16.5
		1	24	15.87	15.76	15.59	16.5
		1	49	15.83	15.80	15.61	16.5
		25	0	15.74	15.83	15.60	16.5
		25	12	15.71	15.72	15.97	16.5
		25	25	15.82	15.68	15.75	16.5
		50	0	15.83	15.87	15.83	16.5
	256QAM	1	0	15.82	15.83	15.73	16.5
		1	24	15.67	15.74	15.85	16.5
		1	49	15.76	15.70	15.95	16.5
		25	0	15.74	15.61	15.79	16.5
		25	12	15.85	15.68	15.57	16.5
		25	25	15.79	15.68	15.89	16.5
		50	0	15.82	15.68	15.69	16.5
BW	Modulation	Channel		131997	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	15.64	15.82	15.75	16.5
		1	12	15.72	15.98	15.78	16.5
		1	24	15.67	15.89	15.64	16.5
		12	0	15.61	15.68	15.63	16.5
		12	6	15.80	15.73	15.78	16.5
		12	13	15.78	15.89	15.87	16.5
		25	0	15.70	15.89	15.74	16.5
	16QAM	1	0	15.75	15.62	15.79	16.5
		1	12	15.93	15.78	15.82	16.5
		1	24	15.69	15.62	15.87	16.5
		12	0	15.76	15.92	15.86	16.5
		12	6	15.68	15.77	15.65	16.5
		12	13	15.71	15.68	15.70	16.5
		25	0	15.84	15.90	15.89	16.5
	64QAM	1	0	15.74	15.70	15.74	16.5
		1	12	15.85	15.67	15.67	16.5
		1	24	15.82	15.90	15.63	16.5
		12	0	15.83	15.82	15.55	16.5
		12	6	15.72	15.64	15.83	16.5
		12	13	15.88	15.59	15.64	16.5
		25	0	15.87	15.77	15.77	16.5
	256QAM	1	0	15.88	15.82	15.65	16.5
		1	12	15.72	15.75	15.82	16.5
		1	24	15.81	15.72	15.84	16.5
		12	0	15.61	15.68	15.90	16.5
		12	6	15.86	15.73	15.62	16.5
		12	13	15.84	15.60	15.82	16.5
		25	0	15.75	15.65	15.71	16.5
BW	Modulation	Channel		131987	132322	132657	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	15.66	15.76	15.72	16.5
		1	7	15.79	15.85	15.73	16.5
		1	14	15.74	15.88	15.70	16.5
		8	0	15.57	15.62	15.65	16.5
		8	3	15.86	15.68	15.78	16.5
		8	7	15.77	15.88	15.82	16.5
		15	0	15.82	15.87	15.72	16.5
	16QAM	1	0	15.80	15.61	15.71	16.5
		1	7	15.84	15.89	15.82	16.5
		1	14	15.81	15.70	15.76	16.5
		8	0	15.72	15.82	15.80	16.5
		8	3	15.60	15.73	15.78	16.5
		8	7	15.73	15.55	15.66	16.5
		15	0	15.81	15.77	15.86	16.5
	64QAM	1	0	15.66	15.76	15.75	16.5
		1	7	15.72	15.66	15.63	16.5
		1	14	15.80	15.93	15.69	16.5
		8	0	15.78	15.81	15.65	16.5
		8	3	15.78	15.78	15.88	16.5
		8	7	15.84	15.69	15.60	16.5
		15	0	15.85	15.88	15.83	16.5
	256QAM	1	0	15.89	15.84	15.76	16.5
		1	7	15.72	15.84	15.85	16.5
		1	14	15.83	15.72	15.94	16.5
		8	0	15.70	15.67	15.89	16.5
		8	3	15.84	15.72	15.59	16.5
		8	7	15.73	15.58	15.89	16.5
		15	0	15.70	15.64	15.72	16.5
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	15.72	15.85	15.70	16.5
		1	2	15.87	15.89	15.78	16.5
		1	5	15.67	15.79	15.61	16.5
		3	0	15.69	15.72	15.75	16.5
		3	1	15.84	15.77	15.74	16.5
		3	3	15.78	15.92	15.85	16.5
		6	0	15.77	15.94	15.77	16.5
	16QAM	1	0	15.74	15.62	15.77	16.5
		1	2	15.96	15.86	15.80	16.5
		1	5	15.82	15.75	15.77	16.5
		3	0	15.80	15.77	15.86	16.5
		3	1	15.58	15.83	15.70	16.5
		3	3	15.69	15.58	15.68	16.5
		6	0	15.75	15.80	15.77	16.5
	64QAM	1	0	15.62	15.61	15.82	16.5
		1	2	15.72	15.76	15.69	16.5
		1	5	15.89	15.83	15.70	16.5
		3	0	15.71	15.89	15.64	16.5
		3	1	15.70	15.77	15.98	16.5
		3	3	15.85	15.62	15.65	16.5
		6	0	15.83	15.80	15.84	16.5
	256QAM	1	0	15.84	15.82	15.77	16.5
		1	2	15.60	15.79	15.76	16.5
		1	5	15.90	15.70	15.89	16.5
		3	0	15.67	15.66	15.80	16.5
		3	1	15.84	15.75	15.62	16.5
		3	3	15.77	15.66	15.91	16.5
		6	0	15.80	15.60	15.76	16.5

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BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	16.32	16.53	16.33	17.5
		1	50	16.54	**16.59**	16.57	17.5
		1	99	16.53	16.37	16.41	17.5
		50	0	16.32	16.51	16.46	17.5
		50	25	16.49	16.56	16.47	17.5
		50	50	16.45	16.55	16.46	17.5
		100	0	16.51	16.55	16.41	17.5
	16QAM	1	0	16.43	16.42	16.40	17.5
		1	50	16.42	16.42	16.46	17.5
		1	99	16.29	16.51	16.32	17.5
		50	0	16.49	16.48	16.58	17.5
		50	25	16.42	16.44	16.48	17.5
		50	50	16.29	16.35	16.49	17.5
		100	0	16.46	16.43	16.57	17.5
	64QAM	1	0	16.45	16.55	16.52	17.5
		1	50	16.42	16.43	16.35	17.5
		1	99	16.40	16.51	16.52	17.5
		50	0	16.58	16.41	16.40	17.5
		50	25	16.42	16.41	16.35	17.5
		50	50	16.58	16.29	16.55	17.5
		100	0	16.43	16.41	16.46	17.5
	256QAM	1	0	16.50	16.35	16.30	17.5
		1	50	16.42	16.57	16.45	17.5
		1	99	16.45	16.35	16.50	17.5
		50	0	16.29	16.58	16.31	17.5
		50	25	16.32	16.32	16.53	17.5
		50	50	16.33	16.30	16.41	17.5
		100	0	16.31	16.56	16.48	17.5
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	16.19	16.49	16.22	17.5
		1	37	16.48	16.49	16.54	17.5
		1	74	16.40	16.22	16.36	17.5
		36	0	16.24	16.41	16.44	17.5
		36	19	16.41	16.44	16.43	17.5
		36	39	16.33	16.46	16.46	17.5
		75	0	16.38	16.55	16.41	17.5
	16QAM	1	0	16.39	16.35	16.38	17.5
		1	37	16.39	16.30	16.43	17.5
		1	74	16.14	16.46	16.17	17.5
		36	0	16.48	16.36	16.58	17.5
		36	19	16.41	16.29	16.37	17.5
		36	39	16.17	16.22	16.40	17.5
		75	0	16.38	16.34	16.45	17.5
	64QAM	1	0	16.36	16.50	16.40	17.5
		1	37	16.32	16.41	16.27	17.5
		1	74	16.30	16.42	16.39	17.5
		36	0	16.44	16.29	16.36	17.5
		36	19	16.41	16.32	16.24	17.5
		36	39	16.51	16.16	16.50	17.5
		75	0	16.43	16.30	16.46	17.5
	256QAM	1	0	16.37	16.27	16.20	17.5
		1	37	16.42	16.43	16.31	17.5
		1	74	16.32	16.20	16.50	17.5
		36	0	16.24	16.49	16.19	17.5
		36	19	16.17	16.27	16.51	17.5
		36	39	16.32	16.18	16.35	17.5
		75	0	16.19	16.51	16.35	17.5
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	16.17	16.49	16.31	17.5
		1	24	16.52	16.51	16.44	17.5
		1	49	16.43	16.23	16.30	17.5
		25	0	16.23	16.47	16.39	17.5
		25	12	16.41	16.51	16.45	17.5
		25	25	16.34	16.50	16.39	17.5
		50	0	16.40	16.55	16.39	17.5
	16QAM	1	0	16.35	16.39	16.28	17.5
		1	24	16.40	16.34	16.37	17.5
		1	49	16.18	16.46	16.29	17.5
		25	0	16.46	16.48	16.48	17.5
		25	12	16.30	16.32	16.40	17.5
		25	25	16.29	16.21	16.44	17.5
		50	0	16.34	16.35	16.50	17.5
	64QAM	1	0	16.34	16.49	16.48	17.5
		1	24	16.29	16.28	16.33	17.5
		1	49	16.31	16.51	16.48	17.5
		25	0	16.48	16.32	16.38	17.5
		25	12	16.37	16.35	16.33	17.5
		25	25	16.47	16.28	16.50	17.5
		50	0	16.28	16.37	16.43	17.5
	256QAM	1	0	16.46	16.29	16.20	17.5
		1	24	16.28	16.48	16.38	17.5
		1	49	16.32	16.20	16.35	17.5
		25	0	16.15	16.43	16.29	17.5
		25	12	16.24	16.31	16.50	17.5
		25	25	16.18	16.26	16.37	17.5
		50	0	16.17	16.54	16.47	17.5
BW	Modulation	Channel		131997	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	16.28	16.51	16.23	17.5
		1	12	16.51	16.50	16.51	17.5
		1	24	16.51	16.32	16.31	17.5
		12	0	16.19	16.38	16.42	17.5
		12	6	16.39	16.51	16.38	17.5
		12	13	16.33	16.49	16.41	17.5
		25	0	16.47	16.55	16.35	17.5
	16QAM	1	0	16.29	16.34	16.37	17.5
		1	12	16.35	16.39	16.41	17.5
		1	24	16.18	16.39	16.23	17.5
		12	0	16.48	16.45	16.53	17.5
		12	6	16.27	16.31	16.43	17.5
		12	13	16.23	16.22	16.36	17.5
		25	0	16.45	16.28	16.48	17.5
	64QAM	1	0	16.42	16.41	16.46	17.5
		1	12	16.29	16.33	16.35	17.5
		1	24	16.33	16.41	16.52	17.5
		12	0	16.58	16.27	16.28	17.5
		12	6	16.30	16.32	16.26	17.5
		12	13	16.50	16.28	16.45	17.5
		25	0	16.28	16.27	16.46	17.5
	256QAM	1	0	16.47	16.25	16.22	17.5
		1	12	16.31	16.57	16.32	17.5
		1	24	16.42	16.26	16.49	17.5
		12	0	16.20	16.44	16.19	17.5
		12	6	16.31	16.18	16.51	17.5
		12	13	16.26	16.26	16.40	17.5
		25	0	16.20	16.44	16.42	17.5
BW	Modulation	Channel		131987	132322	132657	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	16.18	16.42	16.28	17.5
		1	7	16.46	16.56	16.57	17.5
		1	14	16.47	16.31	16.41	17.5
		8	0	16.18	16.44	16.36	17.5
		8	3	16.40	16.55	16.37	17.5
		8	7	16.42	16.46	16.44	17.5
		15	0	16.48	16.44	16.36	17.5
	16QAM	1	0	16.34	16.41	16.37	17.5
		1	7	16.27	16.31	16.40	17.5
		1	14	16.22	16.51	16.20	17.5
		8	0	16.45	16.37	16.55	17.5
		8	3	16.37	16.36	16.41	17.5
		8	7	16.17	16.22	16.43	17.5
		15	0	16.45	16.28	16.42	17.5
	64QAM	1	0	16.35	16.55	16.45	17.5
		1	7	16.32	16.38	16.26	17.5
		1	14	16.37	16.42	16.45	17.5
		8	0	16.43	16.30	16.32	17.5
		8	3	16.34	16.33	16.22	17.5
		8	7	16.43	16.22	16.52	17.5
		15	0	16.40	16.30	16.32	17.5
	256QAM	1	0	16.37	16.24	16.17	17.5
		1	7	16.38	16.49	16.42	17.5
		1	14	16.30	16.21	16.41	17.5
		8	0	16.20	16.51	16.23	17.5
		8	3	16.18	16.31	16.49	17.5
		8	7	16.23	16.19	16.29	17.5
		15	0	16.30	16.51	16.35	17.5
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	16.21	16.52	16.24	17.5
		1	2	16.48	16.51	16.49	17.5
		1	5	16.47	16.29	16.39	17.5
		3	0	16.28	16.37	16.45	17.5
		3	1	16.43	16.55	16.38	17.5
		3	3	16.31	16.40	16.46	17.5
		6	0	16.47	16.53	16.39	17.5
	16QAM	1	0	16.38	16.36	16.25	17.5
		1	2	16.29	16.38	16.46	17.5
		1	5	16.18	16.38	16.23	17.5
		3	0	16.43	16.36	16.51	17.5
		3	1	16.27	16.42	16.34	17.5
		3	3	16.17	16.29	16.39	17.5
		6	0	16.37	16.28	16.53	17.5
	64QAM	1	0	16.41	16.54	16.42	17.5
		1	2	16.36	16.37	16.20	17.5
		1	5	16.40	16.42	16.51	17.5
		3	0	16.57	16.41	16.28	17.5
		3	1	16.36	16.37	16.35	17.5
		3	3	16.43	16.14	16.44	17.5
		6	0	16.30	16.36	16.32	17.5
	256QAM	1	0	16.49	16.28	16.18	17.5
		1	2	16.42	16.57	16.39	17.5
		1	5	16.43	16.23	16.44	17.5
		3	0	16.26	16.50	16.29	17.5
		3	1	16.24	16.23	16.53	17.5
		3	3	16.27	16.17	16.30	17.5
		6	0	16.29	16.53	16.33	17.5

LTE DSI3

LTE Band 2_Ant2

BW	Modulation	RB Size	RB Offset	Channel	Low	Mid	High	Max. Tune-up (dBm)
				Frequency (MHz)	1850	1880	1900	
20M	QPSK	1	0		21.84	21.86	21.78	23
		1	50		21.86	21.87	21.94	23
		1	99		21.86	21.71	21.91	23
		50	0		21.71	21.86	21.90	23
		50	25		21.89	21.89	21.93	23
		50	50		21.81	21.83	21.68	23
		100	0		21.74	21.88	21.89	23
	16QAM	1	0		21.90	21.69	21.89	23
		1	50		21.87	21.83	21.67	23
		1	99		21.86	21.76	21.68	23
		50	0		21.59	21.67	21.38	23
		50	25		21.52	21.64	21.51	23
		50	50		21.66	21.68	21.66	23
		100	0		21.48	21.55	21.52	23
	64QAM	1	0		21.72	21.73	21.64	23
		1	50		21.82	21.86	21.61	23
		1	99		21.85	21.85	21.58	23
		50	0		20.53	20.67	20.51	22
		50	25		20.60	20.64	20.50	22
		50	50		20.53	20.61	20.35	22
		100	0		20.42	20.57	20.42	22
	256QAM	1	0		18.64	18.78	18.62	20
		1	50		18.62	18.80	18.66	20
		1	99		18.58	18.67	18.56	20
		50	0		18.58	18.56	18.45	20
		50	25		18.51	18.65	18.55	20
		50	50		18.73	18.67	18.53	20
		100	0		18.51	18.59	18.54	20
BW	Modulation	Channel			18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)			1857.5	1880	1902.5	
15M	QPSK	1	0		21.80	21.84	21.74	23
		1	37		21.73	21.72	21.79	23
		1	74		21.71	21.67	21.80	23
		36	0		21.64	21.86	21.89	23
		36	19		21.84	21.75	21.83	23
		36	39		21.68	21.81	21.66	23
		75	0		21.61	21.80	21.74	23
	16QAM	1	0		21.81	21.59	21.82	23
		1	37		21.56	21.80	21.62	23
		1	74		21.74	21.62	21.54	23
		36	0		21.48	21.61	21.28	23
		36	19		21.48	21.58	21.43	23
		36	39		21.57	21.60	21.57	23
		75	0		21.35	21.46	21.40	23
	64QAM	1	0		21.68	21.64	21.59	23
		1	37		21.69	21.85	21.70	23
		1	74		21.75	21.74	21.44	23
		36	0		20.52	20.62	20.46	22
		36	19		20.58	20.56	20.49	22
		36	39		20.36	20.51	20.28	22
		75	0		20.33	20.49	20.29	22
	256QAM	1	0		18.58	18.73	18.59	20
		1	37		18.47	18.71	18.64	20
		1	74		18.45	18.53	18.47	20
		36	0		18.50	18.43	18.41	20
		36	19		18.45	18.50	18.45	20
		36	39		18.70	18.63	18.43	20
		75	0		18.46	18.54	18.45	20
BW	Modulation	Channel			18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)			1855	1880	1905	
10M	QPSK	1	0		21.66	21.74	21.67	23
		1	24		21.69	21.75	21.67	23
		1	49		21.70	21.60	21.68	23
		25	0		21.49	21.86	21.84	23
		25	12		21.75	21.75	21.78	23
		25	25		21.63	21.66	21.55	23
		50	0		21.61	21.77	21.60	23
	16QAM	1	0		21.76	21.55	21.79	23
		1	24		21.47	21.80	21.58	23
		1	49		21.66	21.54	21.50	23
		25	0		21.55	21.63	21.33	23
		25	12		21.36	21.58	21.45	23
		25	25		21.56	21.66	21.54	23
		50	0		21.40	21.47	21.38	23
	64QAM	1	0		21.58	21.65	21.55	23
		1	24		21.80	21.75	21.71	23
		1	49		21.73	21.72	21.47	23
		25	0		20.49	20.63	20.41	22
		25	12		20.56	20.53	20.39	22
		25	25		20.50	20.53	20.31	22
		50	0		20.34	20.52	20.29	22
	256QAM	1	0		18.60	18.76	18.58	20
		1	24		18.58	18.79	18.63	20
		1	49		18.54	18.65	18.55	20
		25	0		18.50	18.54	18.44	20
		25	12		18.43	18.61	18.40	20
		25	25		18.71	18.53	18.43	20
		50	0		18.50	18.44	18.52	20
BW	Modulation	Channel			18625	18900	19175	Max. Tune-up (dBm)
		Frequency (MHz)			1852.5	1880	1907.5	
5M	QPSK	1	0		21.66	21.69	21.66	23
		1	12		21.69	21.58	21.55	23
		1	24		21.60	21.46	21.58	23
		12	0		21.44	21.86	21.78	23
		12	6		21.61	21.67	21.76	23
		12	13		21.56	21.51	21.43	23
		25	0		21.47	21.67	21.50	23
	16QAM	1	0		21.61	21.41	21.70	23
		1	12		21.40	21.67	21.54	23
		1	24		21.59	21.42	21.46	23
		12	0		21.45	21.63	21.29	23
		12	6		21.42	21.62	21.43	23
		12	13		21.63	21.67	21.65	23
		25	0		21.43	21.44	21.49	23
	64QAM	1	0		21.64	21.64	21.51	23
		1	12		21.80	21.76	21.66	23
		1	24		21.77	21.80	21.53	23
		12	0		20.40	20.56	20.41	22
		12	6		20.45	20.56	20.43	22
		12	13		20.48	20.51	20.33	22
		25	0		20.40	20.47	20.41	22
	256QAM	1	0		18.63	18.73	18.54	20
		1	12		18.55	18.67	18.56	20
		1	24		18.55	18.52	18.45	20
		12	0		18.45	18.44	18.35	20
		12	6		18.47	18.50	18.54	20
		12	13		18.63	18.58	18.45	20
		25	0		18.41	18.58	18.52	20
BW	Modulation	Channel			18615	18900	19185	Max. Tune-up (dBm)
		Frequency (MHz)			1851.5	1880	1908.5	
3M	QPSK	1	0		21.66	21.45	21.60	23
		1	7		21.66	21.49	21.48	23
		1	14		21.52	21.43	21.46	23
		8	0		21.29	21.76	21.64	23
		8	3		21.60	21.58	21.68	23
		8	7		21.42	21.49	21.39	23
		15	0		21.33	21.62	21.38	23
	16QAM	1	0		21.46	21.30	21.58	23
		1	7		21.39	21.56	21.51	23
		1	14		21.46	21.40	21.35	23
		8	0		21.47	21.63	21.37	23
		8	3		21.41	21.54	21.41	23
		8	7		21.51	21.56	21.63	23
		15	0		21.35	21.53	21.49	23
	64QAM	1	0		21.68	21.61	21.57	23
		1	7		21.68	21.76	21.71	23
		1	14		21.73	21.76	21.45	23
		8	0		20.52	20.63	20.36	22
		8	3		20.53	20.55	20.41	22
		8	7		20.51	20.47	20.26	22
		15	0		20.40	20.49	20.38	22
	256QAM	1	0		18.54	18.66	18.49	20
		1	7		18.51	18.79	18.61	20
		1	14		18.43	18.55	18.55	20
		8	0		18.56	18.43	18.41	20
		8	3		18.48	18.58	18.54	20
		8	7		18.67	18.63	18.47	20
		15	0		18.48	18.50	18.44	20
BW	Modulation	Channel			18607	18900	19193	Max. Tune-up (dBm)
		Frequency (MHz)			1850.7	1880	1909.3	
1.4M	QPSK	1	0		21.65	21.34	21.54	23
		1	2		21.60	21.41	21.47	23
		1	5		21.39	21.38	21.46	23
		3	0		21.25	21.65	21.55	23
		3	1		21.48	21.47	21.62	23
		3	3		21.28	21.41	21.31	23
		6	0		21.31	21.53	21.35	23
	16QAM	1	0		21.31	21.30	21.43	23
		1	2		21.24	21.42	21.47	23
		1	5		21.40	21.28	21.27	23
		3	0		21.46	21.49	21.34	23
		3	1		21.26	21.44	21.37	23
		3	3		21.36	21.41	21.50	23
		6	0		21.45	21.42	21.47	23
	64QAM	1	0		21.66	21.60	21.59	23
		1	2		21.74	21.63	21.71	23
		1	5		21.84	21.85	21.46	23
		3	0		21.25	21.34	21.21	23
		3	1		21.26	21.33	21.26	23
		3	3		21.20	21.31	21.12	23
		6	0		20.39	20.46	20.37	22
	256QAM	1	0		18.55	18.65	18.53	20
		1	2		18.55	18.70	18.65	20
		1	5		18.49	18.66	18.45	20
		3	0		18.46	18.50	18.39	20
		3	1		18.42	18.52	18.53	20
		3	3		18.63	18.66	18.38	20
		6	0		18.42	18.49	18.53	20

LTE Band 2_Ant3

BW	Modulation	RB Size	RB Offset	Channel	Low	Mid	High	Max. Tune-up (dBm)
				Frequency (MHz)	1850	1880	1900	
20M	QPSK	1	0		20.93	20.93	20.92	22
		1	50		21.06	20.98	20.95	22
		1	99		20.77	20.89	20.88	22
		50	0		20.77	20.93	20.84	22
		50	25		21.01	20.94	20.86	22
		50	50		20.93	20.82	20.83	22
		100	0		20.88	20.78	20.76	22
	16QAM	1	0		20.81	20.95	20.90	22
		1	50		20.81	20.90	20.74	22
		1	99		20.76	20.78	20.91	22
		50	0		20.81	20.93	20.78	22
		50	25		20.83	20.86	20.97	22
		50	50		20.91	20.91	20.81	22
		100	0		20.95	20.96	21.04	22
	64QAM	1	0		20.75	20.95	20.87	22
		1	50		20.85	21.01	20.79	22
		1	99		20.94	20.92	20.98	22
		50	0		20.72	20.80	20.71	22
		50	25		20.84	20.93	20.81	22
		50	50		20.73	20.86	20.73	22
		100	0		20.83	20.90	20.85	22
	256QAM	1	0		18.78	18.90	18.88	20
		1	50		18.87	18.99	18.84	20
		1	99		18.96	18.86	18.93	20
		50	0		18.70	18.79	18.73	20
		50	25		18.75	18.93	18.94	20
		50	50		18.87	18.78	18.73	20
		100	0		18.80	18.89	18.73	20
BW	Modulation	Channel			18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)			1857.5	1880	1902.5	
15M	QPSK	1	0		20.84	20.92	20.84	22
		1	37		21.03	20.84	20.86	22
		1	74		20.86	20.83	20.79	22
		36	0		20.85	20.85	20.74	22
		36	19		21.00	20.79	20.74	22
		36	39		20.88	20.69	20.71	22
		75	0		20.85	20.73	20.67	22
	16QAM	1	0		20.86	20.83	20.89	22
		1	37		20.75	20.82	20.66	22
		1	74		20.69	20.73	20.80	22
		36	0		20.73	20.87	20.63	22
		36	19		20.80	20.73	20.84	22
		36	39		20.83	20.82	20.76	22
		75	0		20.93	20.91	20.90	22
	64QAM	1	0		20.71	20.93	20.87	22
		1	37		20.82	20.66	20.66	22
		1	74		20.81	20.82	20.95	22
		36	0		20.71	20.72	20.70	22
		36	19		20.74	20.92	20.73	22
		36	39		20.66	20.73	20.59	22
		75	0		20.68	20.89	20.71	22
	256QAM	1	0		18.71	18.83	18.79	20
		1	37		18.75	18.84	18.72	20
		1	74		18.95	18.83	18.92	20
		36	0		18.68	18.73	18.59	20
		36	19		18.58	18.89	18.84	20
		36	39		18.61	18.66	18.65	20
		75	0		18.66	18.82	18.59	20
BW	Modulation	Channel			18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)			1855	1880	1905	
10M	QPSK	1	0		20.81	20.79	20.84	22
		1	24		21.04	20.94	20.80	22
		1	49		20.64	20.78	20.87	22
		25	0		20.68	20.85	20.81	22
		25	12		20.96	20.81	20.81	22
		25	25		20.90	20.82	20.70	22
		50	0		20.73	20.75	20.63	22
	16QAM	1	0		20.68	20.66	20.68	22
		1	24		20.76	20.82	20.59	22
		1	49		20.67	20.69	20.86	22
		25	0		20.78	20.80	20.63	22
		25	12		20.80	20.80	20.96	22
		25	25		20.76	20.84	20.79	22
		50	0		20.88	20.84	21.03	22
	64QAM	1	0		20.76	20.94	20.82	22
		1	24		20.73	20.97	20.75	22
		1	49		20.82	20.86	20.97	22
		25	0		20.60	20.73	20.69	22
		25	12		20.76	20.80	20.73	22
		25	25		20.68	20.80	20.65	22
		50	0		20.79	20.86	20.82	22
	256QAM	1	0		18.65	18.79	18.65	20
		1	24		18.81	18.93	18.76	20
		1	49		18.90	18.71	18.92	20
		25	0		18.58	18.69	18.60	20
		25	12		18.69	18.86	18.68	20
		25	25		18.79	18.70	18.63	20
		50	0		18.76	18.82	18.71	20
BW	Modulation	Channel			18625	18900	19175	Max. Tune-up (dBm)
		Frequency (MHz)			1852.5	1880	1907.5	
5M	QPSK	1	0		20.86	20.85	20.86	22
		1	12		21.00	20.94	20.94	22
		1	24		20.85	20.78	20.76	22
		12	0		20.63	20.91	20.69	22
		12	6		21.00	20.87	20.77	22
		12	13		20.92	20.81	20.80	22
		25	0		20.77	20.77	20.71	22
	16QAM	1	0		20.71	20.88	20.90	22
		1	12		20.70	20.81	20.59	22
		1	24		20.70	20.87	20.86	22
		12	0		20.70	20.88	20.66	22
		12	6		20.73	20.79	20.85	22
		12	13		20.77	20.86	20.66	22
		25	0		20.86	20.88	20.96	22
	64QAM	1	0		20.62	20.89	20.79	22
		1	12		20.83	21.01	20.73	22
		1	24		20.95	20.83	20.89	22
		12	0		20.64	20.67	20.70	22
		12	6		20.89	20.79	20.67	22
		12	13		20.65	20.82	20.59	22
		25	0		20.71	20.79	20.80	22
	256QAM	1	0		18.67	18.78	18.85	20
		1	12		18.74	18.64	18.73	20
		1	24		18.84	18.78	18.84	20
		12	0		18.58	18.67	18.70	20
		12	6		18.71	18.79	18.86	20
		12	13		18.83	18.76	18.60	20
		25	0		18.72	18.78	18.65	20
BW	Modulation	Channel			18615	18900	19185	Max. Tune-up (dBm)
		Frequency (MHz)			1851.5	1880	1908.5	
3M	QPSK	1	0		20.91	20.82	20.92	22
		1	7		20.94	20.97	20.91	22
		1	14		20.77	20.83	20.86	22
		8	0		20.71	20.93	20.79	22
		8	3		20.90	20.86	20.86	22
		8	7		20.89	20.67	20.68	22
		15	0		20.84	20.70	20.64	22
	16QAM	1	0		20.72	20.91	20.88	22
		1	7		20.77	20.81	20.64	22
		1	14		20.68	20.74	20.76	22
		8	0		20.73	20.85	20.64	22
		8	3		20.73	20.83	20.85	22
		8	7		20.79	20.76	20.80	22
		15	0		20.90	20.82	20.98	22
	64QAM	1	0		20.62	20.93	20.77	22
		1	7		20.83	20.95	20.69	22
		1	14		20.84	20.89	20.87	22
		8	0		20.65	20.78	20.59	22
		8	3		20.69	20.87	20.70	22
		8	7		20.60	20.73	20.62	22
		15	0		20.72	20.76	20.75	22
	256QAM	1	0		18.64	18.81	18.79	20
		1	7		18.75	18.89	18.73	20
		1	14		18.88	18.80	18.89	20
		8	0		18.66	18.70	18.66	20
		8	3		18.68	18.85	18.90	20
		8	7		18.72	18.77	18.66	20
		15	0		18.74	18.77	18.69	20
BW	Modulation	Channel			18607	18900	19193	Max. Tune-up (dBm)
		Frequency (MHz)			1850.7	1880	1909.3	
1.4M	QPSK	1	0		20.85	20.92	20.86	22
		1	2		20.96	20.92	20.81	22
		1	5		20.76	20.82	20.73	22
		3	0		20.89	20.89	20.80	22
		3	1		20.99	20.88	20.83	22
		3	3		20.83	20.73	20.68	22
		6	0		20.88	20.85	20.69	22
	16QAM	1	0		20.86	20.91	20.79	22
		1	2		20.67	20.84	20.70	22
		1	5		20.68	20.78	20.82	22
		3	0		20.69	20.91	20.72	22
		3	1		20.81	20.82	20.93	22
		3	3		20.76	20.80	20.72	22
		6	0		20.81	20.83	20.98	22
	64QAM	1	0		20.68	20.90	20.80	22
		1	2		20.77	20.95	20.72	22
		1	5		20.81	20.92	20.84	22
		3	0		20.64	20.75	20.59	22
		3	1		20.76	20.85	20.66	22
		3	3		20.66	20.76	20.65	22
		6	0		20.76	20.76	20.84	22
	256QAM	1	0		18.67	18.82	18.80	20
		1	2		18.74	18.87	18.71	20
		1	5		18.84	18.85	18.86	20
		3	0		18.62	18.54	18.68	20
		3	1		18.68	18.79	18.90	20
		3	3		18.79	18.74	18.71	20
		6	0		18.78	18.83	18.64	20

LTE DSI3

LTE Band 4_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	20.84	20.66	20.72	21
		1	50	20.90	20.87	**20.91**	21
		1	99	20.70	20.60	20.84	21
		50	0	20.89	20.77	20.78	21
		50	25	20.90	20.86	20.85	21
		50	50	20.83	20.87	20.83	21
		100	0	20.64	20.79	20.82	21
	16QAM	1	0	20.65	20.70	20.80	21
		1	50	20.64	20.73	20.66	21
		1	99	20.63	20.87	20.77	21
		50	0	20.74	20.79	20.66	21
		50	25	20.64	20.60	20.63	21
		50	50	20.78	20.71	20.69	21
		100	0	20.62	20.70	20.72	21
	64QAM	1	0	20.68	20.62	20.83	21
		1	50	20.77	20.67	20.65	21
		1	99	20.78	20.86	20.73	21
		50	0	20.66	20.79	20.73	21
		50	25	20.76	20.86	20.77	21
		50	50	20.73	20.84	20.75	21
		100	0	20.78	20.79	20.69	21
	256QAM	1	0	18.69	18.82	18.88	19
		1	50	18.68	18.89	18.74	19
		1	99	18.69	18.83	18.68	19
		50	0	18.53	18.65	18.59	19
		50	25	18.72	18.84	18.69	19
		50	50	18.68	18.79	18.78	19
		100	0	18.73	18.75	18.63	19
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	20.81	20.66	20.64	21
		1	37	20.80	20.72	20.77	21
		1	74	20.58	20.91	20.83	21
		36	0	20.85	20.77	20.70	21
		36	19	20.81	20.76	20.75	21
		36	39	20.81	20.72	20.78	21
		75	0	20.53	20.64	20.71	21
		75	0	20.55	20.59	20.77	21
	16QAM	1	0	20.78	20.65	20.55	21
		1	37	20.78	20.65	20.55	21
		1	74	20.61	20.72	20.77	21
		36	0	20.60	20.70	20.54	21
		36	19	20.69	20.50	20.58	21
		36	39	20.75	20.61	20.64	21
		75	0	20.48	20.59	20.57	21
	64QAM	1	0	20.66	20.58	20.79	21
		1	37	20.75	20.63	20.62	21
		1	74	20.68	20.82	20.59	21
		36	0	20.60	20.65	20.67	21
		36	19	20.65	20.81	20.67	21
		36	39	20.60	20.60	20.65	21
		75	0	20.64	20.69	20.68	21
	256QAM	1	0	18.66	18.67	18.82	19
		1	37	18.74	18.85	18.64	19
		1	74	18.55	18.72	18.62	19
		36	0	18.44	18.50	18.57	19
		36	19	18.61	18.71	18.63	19
		36	39	18.65	18.71	18.70	19
		75	0	18.66	18.60	18.61	19
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1716	1732.5	1749	
10M	QPSK	1	0	20.69	20.73	20.64	21
		1	24	20.80	20.84	20.76	21
		1	49	20.61	20.45	20.73	21
		25	0	20.86	20.73	20.64	21
		25	12	20.83	20.82	20.72	21
		25	25	20.80	20.72	20.77	21
		50	0	20.61	20.72	20.82	21
	16QAM	1	0	20.57	20.62	20.68	21
		1	24	20.84	20.60	20.54	21
		1	49	20.57	20.82	20.76	21
		25	0	20.74	20.64	20.51	21
		25	12	20.82	20.49	20.57	21
		25	25	20.70	20.67	20.68	21
		50	0	20.57	20.66	20.58	21
	64QAM	1	0	20.53	20.52	20.68	21
		1	24	20.72	20.63	20.54	21
		1	49	20.67	20.80	20.59	21
		25	0	20.63	20.73	20.58	21
		25	12	20.66	20.79	20.70	21
		25	25	20.72	20.71	20.62	21
		50	0	20.77	20.73	20.65	21
	256QAM	1	0	18.68	18.74	18.80	19
		1	24	18.87	18.77	18.73	19
		1	49	18.54	18.69	18.59	19
		25	0	18.41	18.59	18.47	19
		25	12	18.60	18.69	18.63	19
		25	25	18.66	18.69	18.74	19
		50	0	18.71	18.67	18.52	19
BW	Modulation	Channel		19975	20175	20375	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	20.72	20.76	20.61	21
		1	12	20.87	20.76	20.87	21
		1	24	20.61	20.55	20.83	21
		12	0	20.89	20.62	20.70	21
		12	6	20.90	20.75	20.72	21
		12	13	20.68	20.78	20.69	21
		25	0	20.54	20.70	20.77	21
	16QAM	1	0	20.52	20.65	20.78	21
		1	12	20.69	20.69	20.66	21
		1	24	20.54	20.75	20.62	21
		12	0	20.71	20.68	20.66	21
		12	6	20.76	20.53	20.50	21
		12	13	20.60	20.58	20.57	21
		25	0	20.48	20.64	20.67	21
	64QAM	1	0	20.65	20.49	20.80	21
		1	12	20.68	20.54	20.54	21
		1	24	20.65	20.76	20.66	21
		12	0	20.42	20.74	20.60	21
		12	6	20.65	20.62	20.59	21
		12	13	20.49	20.70	20.69	21
		25	0	20.55	20.67	20.58	21
	256QAM	1	0	18.45	18.66	18.68	19
		1	12	18.74	18.79	18.45	19
		1	24	18.51	18.64	18.43	19
		12	0	18.46	18.39	18.43	19
		12	6	18.53	18.77	18.60	19
		12	13	18.41	18.60	18.70	19
		25	0	18.61	18.53	18.50	19
BW	Modulation	Channel		19965	20175	20385	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	20.77	20.76	20.61	21
		1	7	20.77	20.84	20.80	21
		1	14	20.69	20.52	20.72	21
		8	0	20.76	20.66	20.65	21
		8	3	20.76	20.83	20.83	21
		8	7	20.82	20.86	20.80	21
		15	0	20.54	20.79	20.79	21
	16QAM	1	0	20.56	20.85	20.79	21
		1	7	20.69	20.72	20.55	21
		1	14	20.58	20.77	20.64	21
		8	0	20.59	20.68	20.62	21
		8	3	20.72	20.47	20.63	21
		8	7	20.69	20.63	20.55	21
		15	0	20.55	20.65	20.69	21
	64QAM	1	0	20.57	20.47	20.80	21
		1	7	20.62	20.61	20.58	21
		1	14	20.75	20.73	20.69	21
		8	0	20.56	20.71	20.65	21
		8	3	20.74	20.83	20.62	21
		8	7	20.65	20.82	20.66	21
		15	0	20.77	20.74	20.65	21
	256QAM	1	0	18.66	18.77	18.79	19
		1	7	18.76	18.88	18.70	19
		1	14	18.54	18.79	18.61	19
		8	0	18.49	18.57	18.44	19
		8	3	18.69	18.83	18.66	19
		8	7	18.63	18.68	18.65	19
		15	0	18.70	18.65	18.55	19
BW	Modulation	Channel		19957	20175	20393	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	20.75	20.71	20.65	21
		1	2	20.85	20.65	20.82	21
		1	5	20.64	20.49	20.80	21
		3	0	20.75	20.66	20.71	21
		3	1	20.78	20.68	20.84	21
		3	3	20.72	20.70	20.69	21
		6	0	20.56	20.71	20.78	21
	16QAM	1	0	20.51	20.66	20.68	21
		1	2	20.73	20.63	20.51	21
		1	5	20.61	20.80	20.65	21
		3	0	20.69	20.79	20.61	21
		3	1	20.72	20.52	20.63	21
		3	3	20.69	20.71	20.63	21
		6	0	20.47	20.55	20.65	21
	64QAM	1	0	20.59	20.51	20.81	21
		1	2	20.62	20.61	20.57	21
		1	5	20.75	20.81	20.61	21
		3	0	20.59	20.75	20.67	21
		3	1	20.61	20.74	20.69	21
		3	3	20.58	20.76	20.69	21
		6	0	20.55	20.66	20.63	21
	256QAM	1	0	18.60	18.65	18.83	19
		1	2	18.78	18.68	18.64	19
		1	5	18.47	18.61	18.62	19
		3	0	18.32	18.51	18.36	19
		3	1	18.56	18.68	18.63	19
		3	3	18.59	18.71	18.65	19
		6	0	18.51	18.59	18.50	19

LTE Band 4_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	21.72	21.69	21.65	22.5
		1	50	21.86	**21.93**	21.62	22.5
		1	99	21.71	21.87	21.73	22.5
		50	0	21.87	21.69	21.68	22.5
		50	25	21.88	21.92	21.82	22.5
		50	50	21.62	21.91	21.70	22.5
		100	0	21.83	21.89	21.88	22.5
	16QAM	1	0	21.81	21.80	21.79	22.5
		1	50	21.91	21.92	21.71	22.5
		1	99	21.64	21.91	21.80	22.5
		50	0	21.82	21.69	21.65	22.5
		50	25	21.64	21.89	21.91	22.5
		50	50	21.65	21.64	21.73	22.5
		100	0	21.83	21.63	21.91	22.5
	64QAM	1	0	21.89	21.84	21.81	22.5
		1	50	21.92	21.76	21.78	22.5
		1	99	21.71	21.69	21.88	22.5
		50	0	21.82	21.74	21.64	22.5
		50	25	21.82	21.76	21.83	22.5
		50	50	21.66	21.73	21.68	22.5
		100	0	21.67	21.72	21.62	22.5
	256QAM	1	0	19.53	19.64	19.51	20.5
		1	50	19.76	19.89	19.76	20.5
		1	99	19.65	19.79	19.67	20.5
		50	0	19.87	19.88	19.87	20.5
		50	25	19.68	19.68	19.59	20.5
		50	50	19.60	19.71	19.58	20.5
		100	0	19.62	19.76	19.72	20.5
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	21.63	21.63	21.50	22.5
		1	37	21.79	21.85	21.55	22.5
		1	74	21.58	21.77	21.76	22.5
		36	0	21.73	21.67	21.63	22.5
		36	19	21.85	21.91	21.73	22.5
		36	39	21.58	21.76	21.66	22.5
		75	0	21.58	21.75	21.67	22.5
		75	0	21.77	21.70	21.87	22.5
	16QAM	1	0	21.84	21.89	21.67	22.5
		1	37	21.84	21.89	21.67	22.5
		1	74	21.62	21.89	21.65	22.5
		36	0	21.79	21.87	21.51	22.5
		36	19	21.51	21.68	21.82	22.5
		36	39	21.53	21.51	21.73	22.5
		75	0	21.79	21.84	21.82	22.5
	64QAM	1	0	21.77	21.80	21.80	22.5
		1	37	21.77	21.68	21.74	22.5
		1	74	21.60	21.69	21.82	22.5
		36	0	21.60	21.63	21.56	22.5
		36	19	21.50	21.69	21.55	22.5
		36	39	21.63	21.62	21.60	22.5
		75	0	21.60	21.61	21.48	22.5
	256QAM	1	0	19.48	19.56	19.43	20.5
		1	37	19.73	19.85	19.75	20.5
		1	74	19.54	19.65	19.62	20.5
		36	0	19.83	19.82	19.86	20.5
		36	19	19.64	19.62	19.43	20.5
		36	39	19.55	19.58	19.56	20.5
		75	0	19.58	19.76	19.64	20.5
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1716	1732.5	1749	
10M	QPSK	1	0	21.67	21.56	21.56	22.5
		1	24	21.83	21.81	21.49	22.5
		1	49	21.60	21.79	21.70	22.5
		25	0	21.74	21.67	21.57	22.5
		25	12	21.77	21.83	21.77	22.5
		25	25	21.53	21.89	21.60	22.5
		50	0	21.76	21.87	21.75	22.5
	16QAM	1	0	21.77	21.75	21.71	22.5
		1	24	21.83	21.85	21.70	22.5
		1	49	21.52	21.89	21.69	22.5
		25	0	21.71	21.62	21.52	22.5
		25	12	21.59	21.82	21.81	22.5
		25	25	21.53	21.57	21.59	22.5
		50	0	21.81	21.60	21.82	22.5
	64QAM	1	0	21.89	21.84	21.73	22.5
		1	24	21.92	21.63	21.69	22.5
		1	49	21.58	21.55	21.80	22.5
		25	0	21.53	21.69	21.60	22.5
		25	12	21.50	21.61	21.58	22.5
		25	25	21.65	21.59	21.57	22.5
		50	0	21.82	21.63	21.46	22.5
	256QAM	1	0	19.38	19.54	19.46	20.5
		1	24	19.74	19.81	19.68	20.5
		1	49	19.57	19.71	19.57	20.5
		25	0	19.84	19.76	19.74	20.5
		25	12	19.54	19.53	19.43	20.5
		25	25	19.59	19.58	19.48	20.5
		50	0	19.58	19.61	19.57	20.5
BW	Modulation	Channel		19975	20175	20375	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	21.65	21.67	21.60	22.5
		1	12	21.82	21.87	21.47	22.5
		1	24	21.56	21.72	21.65	22.5
		12	0	21.86	21.62	21.66	22.5
		12	6	21.82	21.82	21.71	22.5
		12	13	21.59	21.69	21.66	22.5
		25	0	21.75	21.80	21.73	22.5
	16QAM	1	0	21.68	21.73	21.66	22.5
		1	12	21.81	21.83	21.71	22.5
		1	24	21.56	21.81	21.66	22.5
		12	0	21.72	21.84	21.66	22.5
		12	6	21.58	21.62	21.84	22.5
		12	13	21.58	21.52	21.66	22.5
		25	0	21.83	21.83	21.72	22.5
	64QAM	1	0	21.82	21.70	21.69	22.5
		1	12	21.86	21.74	21.77	22.5
		1	24	21.66	21.71	21.63	22.5
		12	0	21.50	21.58	21.52	22.5
		12	6	21.52	21.64	21.39	22.5
		12	13	21.48	21.53	21.49	22.5
		25	0	21.55	21.52	21.49	22.5
	256QAM	1	0	19.36	19.55	19.42	20.5
		1	12	19.50	19.75	19.48	20.5
		1	24	19.54	19.62	19.52	20.5
		12	0	19.63	19.77	19.70	20.5
		12	6	19.51	19.44	19.35	20.5
		12	13	19.41	19.61	19.38	20.5
		25	0	19.37	19.65	19.65	20.5
BW	Modulation	Channel		19965	20175	20385	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	21.72	21.55	21.54	22.5
		1	7	21.83	21.92	21.62	22.5
		1	14	21.71	21.74	21.73	22.5
		8	0	21.75	21.58	21.66	22.5
		8	3	21.84	21.85	21.72	22.5
		8	7	21.58	21.91	21.69	22.5
		15	0	21.68	21.75	21.85	22.5
	16QAM	1	0	21.79	21.76	21.79	22.5
		1	7	21.87	21.81	21.63	22.5
		1	14	21.64	21.81	21.67	22.5
		8	0	21.73	21.66	21.54	22.5
		8	3	21.56	21.65	21.88	22.5
		8	7	21.63	21.52	21.72	22.5
		15	0	21.77	21.56	21.79	22.5
	64QAM	1	0	21.75	21.73	21.74	22.5
		1	7	21.79	21.69	21.65	22.5
		1	14	21.58	21.56	21.84	22.5
		8	0	21.56	21.72	21.60	22.5
		8	3	21.58	21.72	21.56	22.5
		8	7	21.65	21.67	21.66	22.5
		15	0	21.59	21.65	21.47	22.5
	256QAM	1	0	19.44	19.58	19.43	20.5
		1	7	19.77	19.87	19.75	20.5
		1	14	19.64	19.66	19.55	20.5
		8	0	19.66	19.67	19.51	20.5
		8	3	19.65	19.65	19.48	20.5
		8	7	19.52	19.64	19.57	20.5
		15	0	19.47	19.64	19.63	20.5
BW	Modulation	Channel		19957	20175	20393	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	21.59	21.54	21.50	22.5
		1	2	21.71	21.92	21.54	22.5
		1	5	21.68	21.82	21.82	22.5
		3	0	21.83	21.95	21.65	22.5
		3	1	21.85	21.89	21.65	22.5
		3	3	21.58	21.76	21.69	22.5
		6	0	21.80	21.82	21.82	22.5
	16QAM	1	0	21.79	21.77	21.69	22.5
		1	2	21.89	21.91	21.72	22.5
		1	5	21.51	21.87	21.71	22.5
		3	0	21.70	21.87	21.63	22.5
		3	1	21.63	21.55	21.86	22.5
		3	3	21.80	21.63	21.68	22.5
		6	0	21.71	21.57	21.89	22.5
	64QAM	1	0	21.87	21.70	21.75	22.5
		1	2	21.86	21.69	21.76	22.5
		1	5	21.56	21.62	21.76	22.5
		3	0	21.47	21.70	21.61	22.5
		3	1	21.49	21.73	21.49	22.5
		3	3	21.63	21.65	21.68	22.5
		6	0	21.56	21.60	21.54	22.5
	256QAM	1	0	19.46	19.55	19.45	20.5
		1	2	19.73	19.79	19.66	20.5
		1	5	19.64	19.71	19.61	20.5
		3	0	19.73	19.81	19.85	20.5
		3	1	19.65	19.61	19.41	20.5
		3	3	19.56	19.67	19.58	20.5
		6	0	19.50	19.71	19.59	20.5

LTE Band 4_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	21.19	21.24	21.30	22
		1	50	**21.33**	21.25	21.31	22
		1	99	21.29	21.22	21.25	22
		50	0	21.16	21.16	21.17	22
		50	25	21.22	21.15	21.26	22
		50	50	21.31	21.25	21.27	22
		100	0	21.25	21.11	21.18	22
	16QAM	1	0	21.30	21.14	21.16	22
		1	50	21.11	21.13	21.18	22
		1	99	21.30	21.09	21.03	22
		50	0	21.32	21.32	21.15	22
		50	25	21.30	21.30	21.30	22
		50	50	21.08	21.27	21.20	22
		100	0	21.11	21.30	21.15	22
	64QAM	1	0	21.11	21.29	21.04	22
		1	50	21.29	21.14	21.26	22
		1	99	21.31	21.22	21.04	22
		50	0	21.29	21.07	21.20	22
		50	25	21.31	21.25	21.04	22
		50	50	21.29	21.17	21.17	22
		100	0	21.25	21.05	21.20	22
	256QAM	1	0	19.62	19.55	19.49	20.5
		1	50	19.79	19.77	19.67	20.5
		1	99	19.68	19.65	19.60	20.5
		50	0	19.61	19.48	19.54	20.5
		50	25	19.74	19.63	19.74	20.5
		50	50	19.62	19.51	19.54	20.5
		100	0	19.73	19.65	19.56	20.5
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	21.13	21.12	21.18	22
		1	37	21.23	21.10	21.24	22
		1	74	21.27	21.09	21.25	22
		36	0	21.02	21.14	21.16	22
		36	19	21.09	21.02	21.17	22
		36	39	21.26	21.11	21.17	22
		75	0	21.23	21.07	21.06	22
		75	0	21.28	21.05	21.11	22
	16QAM	1	0	21.03	20.99	21.07	22
		1	37	21.03	20.99	21.07	22
		1	74	21.17	21.05	20.98	22
		36	0	21.31	21.27	21.14	22
		36	19	21.16	21.22	21.15	22
		36	39	20.97	21.12	21.16	22
		75	0	20.97	21.30	21.08	22
	64QAM	1	0	21.04	21.20	20.99	22
		1	37	21.22	20.99	21.12	22
		1	74	21.25	21.15	20.88	22
		36	0	21.23	21.05	21.15	22
		36	19	21.16	21.25	21.21	22
		36	39	21.26	21.05	21.10	22
		75	0	21.24	21.00	21.04	22
	256QAM	1	0	19.54	19.45	19.47	20.5
		1	37	19.72	19.65	19.60	20.5
		1	74	19.65	19.55	19.48	20.5
		36	0	19.54	19.40	19.50	20.5
		36	19	19.71	19.61	19.62	20.5
		36	39	19.54	19.46	19.43	20.5
		75	0	19.61	19.37	19.47	20.5
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1716	1732.5	1749	
10M	QPSK	1	0	21.08	21.19	21.27	22
		1	24	21.27	21.19	21.28	22
		1	49	21.16	21.11	21.18	22
		25	0	21.09	21.11	21.14	22
		25	12	21.16	21.11	21.08	22
		25	25	21.25	21.16	21.21	22
		50	0	21.10	21.00	21.03	22
	16QAM	1	0	21.25	21.11	21.13	22
		1	24	20.99	21.10	21.17	22
		1	49	21.18	21.09	20.98	22
		25	0	21.20	21.21	21.14	22
		25	12	21.23	21.30	21.25	22
		25	25	20.96	21.17	21.08	22
		50	0	21.02	21.25	21.11	22
	64QAM	1	0

LTE DSI3

LTE Band 5_Ant0							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	24.55	24.59	24.56	25.5
		1	24	24.69	**24.75**	24.60	25.5
		1	49	24.29	24.38	24.31	25.5
		25	0	23.57	23.61	23.54	24.5
		25	12	23.67	23.73	23.71	24.5
		25	25	23.48	23.66	23.56	24.5
		50	0	23.46	23.57	23.52	24.5
	16QAM	1	0	24.02	23.97	23.92	24.5
		1	24	23.95	24.08	23.96	24.5
		1	49	23.98	23.91	23.80	24.5
		25	0	22.63	22.68	22.59	23.5
		25	12	22.73	22.75	22.76	23.5
		25	25	22.45	22.62	22.65	23.5
		50	0	22.57	22.57	22.58	23.5
	64QAM	1	0	22.69	22.74	22.67	23.5
		1	24	22.73	22.81	22.62	23.5
		1	49	22.72	22.80	22.59	23.5
		25	0	21.38	21.55	21.51	22.5
		25	12	21.52	21.76	21.56	22.5
		25	25	21.52	21.50	21.47	22.5
		50	0	21.58	21.67	21.52	22.5
	256QAM	1	0	19.41	19.57	19.37	20.5
		1	24	19.72	19.62	19.61	20.5
		1	49	19.62	19.77	19.69	20.5
		25	0	19.38	19.55	19.48	20.5
		25	12	19.51	19.68	19.61	20.5
		25	25	19.37	19.59	19.38	20.5
		50	0	19.60	19.75	19.54	20.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	24.40	24.55	24.45	25.5
		1	12	24.61	24.68	24.55	25.5
		1	24	24.20	24.34	24.28	25.5
		12	0	23.52	23.57	23.53	24.5
		12	6	23.60	23.65	23.70	24.5
		12	13	23.35	23.56	23.51	24.5
		25	0	23.36	23.39	23.50	24.5
	16QAM	1	0	23.95	23.95	23.80	24.5
		1	12	23.87	24.01	23.82	24.5
		1	24	23.97	23.80	23.78	24.5
		12	0	22.62	22.67	22.54	23.5
		12	6	22.61	22.70	22.68	23.5
		12	13	22.33	22.60	22.54	23.5
		25	0	22.43	22.48	22.47	23.5
	64QAM	1	0	22.63	22.71	22.66	23.5
		1	12	22.69	22.73	22.60	23.5
		1	24	22.57	22.68	22.50	23.5
		12	0	21.35	21.54	21.45	22.5
		12	6	21.50	21.74	21.47	22.5
		12	13	21.50	21.35	21.37	22.5
		25	0	21.45	21.63	21.44	22.5
	256QAM	1	0	19.38	19.50	19.27	20.5
		1	12	19.63	19.61	19.52	20.5
		1	24	19.58	19.73	19.66	20.5
		12	0	19.26	19.45	19.43	20.5
		12	6	19.49	19.55	19.57	20.5
		12	13	19.35	19.45	19.36	20.5
		25	0	19.50	19.64	19.47	20.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	24.53	24.56	24.50	25.5
		1	7	24.62	24.64	24.53	25.5
		1	14	24.19	24.34	24.20	25.5
		8	0	23.43	23.46	23.53	24.5
		8	3	23.64	23.59	23.56	24.5
		8	7	23.33	23.57	23.50	24.5
		15	0	23.32	23.41	23.48	24.5
	16QAM	1	0	23.98	23.88	23.85	24.5
		1	7	23.89	23.98	23.92	24.5
		1	14	23.92	23.89	23.67	24.5
		8	0	22.59	22.56	22.58	23.5
		8	3	22.71	22.74	22.65	23.5
		8	7	22.40	22.48	22.57	23.5
		15	0	22.45	22.47	22.47	23.5
	64QAM	1	0	22.62	22.73	22.60	23.5
		1	7	22.70	22.73	22.55	23.5
		1	14	22.58	22.77	22.53	23.5
		8	0	21.29	21.48	21.36	22.5
		8	3	21.51	21.73	21.41	22.5
		8	7	21.43	21.42	21.34	22.5
		15	0	21.43	21.54	21.41	22.5
	256QAM	1	0	19.39	19.47	19.22	20.5
		1	7	19.57	19.61	19.57	20.5
		1	14	19.58	19.65	19.62	20.5
		8	0	19.33	19.45	19.38	20.5
		8	3	19.46	19.66	19.50	20.5
		8	7	19.36	19.51	19.36	20.5
		15	0	19.47	19.60	19.52	20.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	24.43	24.50	24.49	25.5
		1	2	24.61	24.60	24.58	25.5
		1	5	24.15	24.33	24.25	25.5
		3	0	24.29	24.31	24.30	25.5
		3	1	24.32	24.50	24.41	25.5
		3	3	24.16	24.43	24.33	25.5
		6	0	23.38	23.46	23.52	24.5
	16QAM	1	0	23.95	23.86	23.89	24.5
		1	2	23.87	23.93	23.87	24.5
		1	5	23.89	23.76	23.78	24.5
		3	0	23.36	23.35	23.24	24.5
		3	1	23.38	23.52	23.41	24.5
		3	3	23.19	23.29	23.36	24.5
		6	0	22.49	22.43	22.45	23.5
	64QAM	1	0	22.55	22.65	22.66	23.5
		1	2	22.59	22.69	22.58	23.5
		1	5	22.62	22.72	22.46	23.5
		3	0	22.05	22.26	22.19	23.5
		3	1	22.30	22.44	22.33	23.5
		3	3	22.25	22.18	22.24	23.5
		6	0	21.50	21.65	21.39	22.5
	256QAM	1	0	19.37	19.43	19.29	20.5
		1	2	19.62	19.50	19.48	20.5
		1	5	19.59	19.63	19.54	20.5
		3	0	19.23	19.49	19.43	20.5
		3	1	19.44	19.59	19.51	20.5
		3	3	19.26	19.56	19.34	20.5
		6	0	19.56	19.69	19.52	20.5

LTE Band 5_Ant1							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	20.93	20.85	20.83	22
		1	24	**20.98**	20.89	20.93	22
		1	49	20.88	20.69	20.52	22
		25	0	20.78	20.76	20.67	22
		25	12	20.87	20.82	20.74	22
		25	25	20.77	20.72	20.68	22
		50	0	20.86	20.79	20.66	22
	16QAM	1	0	20.59	20.70	20.67	22
		1	24	20.65	20.70	20.59	22
		1	49	20.53	20.48	20.77	22
		25	0	20.53	20.36	20.72	22
		25	12	20.70	20.80	20.82	22
		25	25	20.75	20.58	20.63	22
		50	0	20.77	20.65	20.66	22
	64QAM	1	0	20.61	20.61	20.74	22
		1	24	20.50	20.65	20.77	22
		1	49	20.57	20.56	20.44	22
		25	0	20.83	20.81	20.84	22
		25	12	20.87	20.81	20.76	22
		25	25	20.79	20.59	20.71	22
		50	0	20.56	20.69	20.66	22
	256QAM	1	0	19.75	19.51	19.67	21
		1	24	20.03	19.91	19.85	21
		1	49	19.74	19.75	19.59	21
		25	0	19.80	19.61	19.68	21
		25	12	19.84	19.74	19.84	21
		25	25	19.96	19.92	19.89	21
		50	0	19.95	19.74	19.92	21
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	20.87	20.81	20.77	22
		1	12	20.88	20.87	20.78	22
		1	24	20.82	20.66	20.49	22
		12	0	20.73	20.66	20.53	22
		12	6	20.75	20.73	20.67	22
		12	13	20.72	20.71	20.58	22
		25	0	20.77	20.70	20.53	22
	16QAM	1	0	20.51	20.60	20.63	22
		1	12	20.51	20.59	20.57	22
		1	24	20.42	20.42	20.72	22
		12	0	20.41	20.27	20.69	22
		12	6	20.56	20.79	20.70	22
		12	13	20.60	20.48	20.58	22
		25	0	20.63	20.61	20.61	22
	64QAM	1	0	20.50	20.54	20.66	22
		1	12	20.44	20.51	20.73	22
		1	24	20.52	20.55	20.39	22
		12	0	20.70	20.67	20.77	22
		12	6	20.83	20.68	20.66	22
		12	13	20.73	20.54	20.60	22
		25	0	20.55	20.65	20.59	22
	256QAM	1	0	19.67	19.45	19.53	21
		1	12	20.00	19.77	19.84	21
		1	24	19.63	19.67	19.53	21
		12	0	19.76	19.58	19.64	21
		12	6	19.79	19.60	19.80	21
		12	13	19.89	19.85	19.77	21
		25	0	19.80	19.60	19.86	21
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	20.83	20.77	20.78	22
		1	7	20.86	20.75	20.89	22
		1	14	20.83	20.62	20.49	22
		8	0	20.72	20.70	20.59	22
		8	3	20.84	20.79	20.66	22
		8	7	20.66	20.62	20.60	22
		15	0	20.84	20.70	20.52	22
	16QAM	1	0	20.45	20.55	20.52	22
		1	7	20.58	20.62	20.54	22
		1	14	20.50	20.42	20.67	22
		8	0	20.45	20.31	20.63	22
		8	3	20.68	20.72	20.67	22
		8	7	20.66	20.48	20.50	22
		15	0	20.75	20.57	20.61	22
	64QAM	1	0	20.49	20.51	20.64	22
		1	7	20.35	20.58	20.76	22
		1	14	20.55	20.42	20.32	22
		8	0	20.79	20.79	20.78	22
		8	3	20.82	20.72	20.66	22
		8	7	20.66	20.48	20.67	22
		15	0	20.49	20.54	20.62	22
	256QAM	1	0	19.61	19.45	19.62	21
		1	7	19.89	19.80	19.83	21
		1	14	19.62	19.63	19.52	21
		8	0	19.70	19.47	19.65	21
		8	3	19.70	19.69	19.78	21
		8	7	19.86	19.86	19.79	21
		15	0	19.94	19.69	19.87	21
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	20.88	20.76	20.75	22
		1	2	20.90	20.74	20.92	22
		1	5	20.76	20.66	20.46	22
		3	0	20.65	20.70	20.61	22
		3	1	20.83	20.75	20.65	22
		3	3	20.73	20.62	20.65	22
		6	0	20.80	20.76	20.53	22
	16QAM	1	0	20.45	20.68	20.62	22
		1	2	20.62	20.58	20.47	22
		1	5	20.41	20.36	20.75	22
		3	0	20.40	20.30	20.70	22
		3	1	20.67	20.73	20.73	22
		3	3	20.65	20.43	20.51	22
		6	0	20.73	20.63	20.56	22
	64QAM	1	0	20.55	20.54	20.59	22
		1	2	20.47	20.55	20.65	22
		1	5	20.47	20.47	20.35	22
		3	0	20.73	20.70	20.73	22
		3	1	20.73	20.75	20.65	22
		3	3	20.72	20.49	20.67	22
		6	0	20.42	20.62	20.60	22
	256QAM	1	0	19.62	19.49	19.60	21
		1	2	19.95	19.77	19.80	21
		1	5	19.72	19.65	19.53	21
		3	0	19.73	19.60	19.66	21
		3	1	19.77	19.62	19.71	21
		3	3	19.85	19.82	19.80	21
		6	0	19.89	19.60	19.81	21

LTE DSI3

LTE Band 7_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	17.71	**17.84**	17.77	18.5
		1	50	17.63	17.53	17.73	18.5
		1	99	17.69	17.41	17.58	18.5
		50	0	17.50	17.76	17.65	18.5
		50	25	17.45	17.51	17.60	18.5
		50	50	17.27	17.33	17.33	18.5
		100	0	17.58	17.81	17.56	18.5
	16QAM	1	0	17.16	17.44	17.32	18.5
		1	50	17.05	17.47	17.28	18.5
		1	99	17.37	17.07	17.41	18.5
		50	0	17.13	17.28	17.42	18.5
		50	25	17.35	17.26	17.32	18.5
		50	50	17.33	17.41	17.41	18.5
		100	0	17.34	17.33	17.48	18.5
	64QAM	1	0	17.31	17.43	17.12	18.5
		1	50	17.05	17.31	17.34	18.5
		1	99	17.29	17.23	17.26	18.5
		50	0	17.52	17.33	17.19	18.5
		50	25	17.43	17.56	17.20	18.5
		50	50	17.29	17.50	17.66	18.5
		100	0	17.34	17.53	17.42	18.5
	256QAM	1	0	17.31	17.33	17.37	18.5
		1	50	17.33	17.32	17.45	18.5
		1	99	17.11	17.48	17.51	18.5
		50	0	17.32	17.17	17.59	18.5
		50	25	17.51	17.18	17.43	18.5
		50	50	17.11	17.26	17.22	18.5
		100	0	17.34	17.53	17.50	18.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	17.60	17.77	17.76	18.5
		1	37	17.50	17.49	17.62	18.5
		1	74	17.56	17.37	17.50	18.5
		36	0	17.38	17.66	17.57	18.5
		36	19	17.44	17.50	17.55	18.5
		36	39	17.22	17.32	17.26	18.5
		75	0	17.57	17.66	17.45	18.5
	16QAM	1	0	17.11	17.38	17.23	18.5
		1	37	17.00	17.33	17.27	18.5
		1	74	17.28	16.95	17.31	18.5
		36	0	17.39	17.21	17.28	18.5
		36	19	17.29	17.19	17.17	18.5
		36	39	17.31	17.33	17.35	18.5
		75	0	17.26	17.22	17.34	18.5
	64QAM	1	0	17.18	17.34	17.06	18.5
		1	37	17.02	17.26	17.19	18.5
		1	74	17.23	17.17	17.12	18.5
		36	0	17.49	17.20	17.16	18.5
		36	19	17.34	17.46	17.14	18.5
		36	39	17.28	17.40	17.60	18.5
		75	0	17.28	17.48	17.33	18.5
	256QAM	1	0	17.29	17.18	17.22	18.5
		1	37	17.29	17.18	17.39	18.5
		1	74	17.06	17.35	17.50	18.5
		36	0	17.22	17.14	17.47	18.5
		36	19	17.43	17.06	17.28	18.5
		36	39	17.07	17.14	17.15	18.5
		75	0	17.26	17.38	17.39	18.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	17.56	17.79	17.68	18.5
		1	24	17.58	17.45	17.60	18.5
		1	49	17.62	17.31	17.57	18.5
		25	0	17.44	17.73	17.54	18.5
		25	12	17.32	17.49	17.51	18.5
		25	25	17.22	17.24	17.31	18.5
		50	0	17.46	17.78	17.46	18.5
	16QAM	1	0	17.14	17.30	17.18	18.5
		1	24	17.03	17.33	17.16	18.5
		1	49	17.22	16.94	17.37	18.5
		25	0	17.05	17.24	17.32	18.5
		25	12	17.25	17.20	17.29	18.5
		25	25	17.26	17.38	17.37	18.5
		50	0	17.31	17.24	17.38	18.5
	64QAM	1	0	17.17	17.39	17.06	18.5
		1	24	17.04	17.18	17.21	18.5
		1	49	17.27	17.22	17.24	18.5
		25	0	17.47	17.20	17.35	18.5
		25	12	17.35	17.41	17.18	18.5
		25	25	17.17	17.46	17.54	18.5
		50	0	17.30	17.47	17.39	18.5
	256QAM	1	0	17.30	17.29	17.30	18.5
		1	24	17.18	17.30	17.32	18.5
		1	49	17.09	17.34	17.50	18.5
		25	0	17.19	17.11	17.52	18.5
		25	12	17.38	17.11	17.36	18.5
		25	25	17.03	17.14	17.34	18.5
		50	0	17.31	17.59	17.46	18.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	17.70	17.73	17.71	18.5
		1	12	17.55	17.39	17.71	18.5
		1	24	17.54	17.31	17.47	18.5
		12	0	17.49	17.63	17.62	18.5
		12	6	17.42	17.47	17.58	18.5
		12	13	17.23	17.31	17.30	18.5
		25	0	17.51	17.75	17.42	18.5
	16QAM	1	0	17.05	17.33	17.22	18.5
		1	12	17.03	17.42	17.26	18.5
		1	24	17.23	17.01	17.29	18.5
		12	0	17.07	17.17	17.16	18.5
		12	6	17.34	17.13	17.30	18.5
		12	13	17.29	17.29	17.36	18.5
		25	0	17.22	17.31	17.47	18.5
	64QAM	1	0	17.29	17.29	17.30	18.5
		1	12	16.93	17.28	17.31	18.5
		1	24	17.17	17.19	17.14	18.5
		12	0	17.45	17.26	17.12	18.5
		12	6	17.33	17.41	17.14	18.5
		12	13	17.17	17.42	17.58	18.5
		25	0	17.19	17.59	17.31	18.5
	256QAM	1	0	17.17	17.27	17.32	18.5
		1	12	17.29	17.29	17.36	18.5
		1	24	17.01	17.42	17.42	18.5
		12	0	17.21	17.11	17.58	18.5
		12	6	17.47	17.05	17.39	18.5
		12	13	17.09	17.25	17.07	18.5
		25	0	17.28	17.39	17.35	18.5

LTE Band 7_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	18.90	18.89	18.92	20.5
		1	50	18.96	**19.07**	18.94	20.5
		1	99	18.89	18.78	18.81	20.5
		50	0	18.97	19.01	18.91	20.5
		50	25	18.66	18.74	18.80	20.5
		50	50	18.86	18.71	18.69	20.5
		100	0	18.87	19.05	18.84	20.5
	16QAM	1	0	18.90	18.81	18.72	20.5
		1	50	18.99	18.73	18.85	20.5
		1	99	18.77	18.76	18.71	20.5
		50	0	18.84	18.63	18.72	20.5
		50	25	18.64	18.68	18.67	20.5
		50	50	18.74	18.81	18.74	20.5
		100	0	18.73	18.67	18.74	20.5
	64QAM	1	0	18.68	18.78	18.71	20.5
		1	50	18.91	18.68	18.69	20.5
		1	99	18.70	18.66	18.83	20.5
		50	0	18.73	18.86	18.72	20.5
		50	25	18.75	18.87	18.79	20.5
		50	50	18.72	18.67	18.89	20.5
		100	0	18.69	18.85	18.69	20.5
	256QAM	1	0	18.85	18.59	18.56	20.5
		1	50	18.71	18.75	18.84	20.5
		1	99	18.96	18.78	18.69	20.5
		50	0	18.66	18.70	18.88	20.5
		50	25	18.80	18.73	18.66	20.5
		50	50	18.93	18.83	18.94	20.5
		100	0	18.59	18.79	18.78	20.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	18.81	18.78	18.88	20.5
		1	37	18.88	18.93	18.91	20.5
		1	74	18.82	18.71	18.67	20.5
		36	0	18.83	18.89	18.84	20.5
		36	19	18.61	18.69	18.73	20.5
		36	39	18.84	18.68	18.92	20.5
		75	0	18.86	18.90	18.79	20.5
	16QAM	1	0	18.75	18.76	18.68	20.5
		1	37	18.95	18.65	18.84	20.5
		1	74	18.74	18.74	18.61	20.5
		36	0	18.72	18.55	18.68	20.5
		36	19	18.50	18.63	18.66	20.5
		36	39	18.63	18.75	18.70	20.5
		75	0	18.58	18.61	18.71	20.5
	64QAM	1	0	18.64	18.63	18.68	20.5
		1	37	18.86	18.53	18.58	20.5
		1	74	18.55	18.63	18.69	20.5
		36	0	18.60	18.76	18.66	20.5
		36	19	18.60	18.76	18.75	20.5
		36	39	18.71	18.65	18.85	20.5
		75	0	18.68	18.82	18.61	20.5
	256QAM	1	0	18.82	18.54	18.65	20.5
		1	37	18.69	18.72	18.83	20.5
		1	74	18.91	18.73	18.55	20.5
		36	0	18.57	18.59	18.81	20.5
		36	19	18.79	18.63	18.61	20.5
		36	39	18.78	18.70	18.81	20.5
		75	0	18.53	18.75	18.74	20.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	18.81	18.75	18.83	20.5
		1	24	18.84	19.03	18.92	20.5
		1	49	18.88	18.77	18.76	20.5
		25	0	18.81	18.96	18.81	20.5
		25	12	18.61	18.64	18.77	20.5
		25	25	18.74	18.63	18.60	20.5
		50	0	18.78	19.01	18.76	20.5
	16QAM	1	0	18.79	18.72	18.68	20.5
		1	24	18.96	18.58	18.71	20.5
		1	49	18.69	18.62	18.57	20.5
		25	0	18.77	18.59	18.67	20.5
		25	12	18.52	18.63	18.66	20.5
		25	25	18.67	18.69	18.61	20.5
		50	0	18.67	18.64	18.63	20.5
	64QAM	1	0	18.60	18.66	18.59	20.5
		1	24	18.98	18.53	18.58	20.5
		1	49	18.58	18.61	18.71	20.5
		25	0	18.69	18.81	18.53	20.5
		25	12	18.61	18.84	18.66	20.5
		25	25	18.68	18.57	18.75	20.5
		50	0	18.57	18.82	18.61	20.5
	256QAM	1	0	18.63	18.63	18.72	20.5
		1	24	18.67	18.73	18.76	20.5
		1	49	18.87	18.76	18.57	20.5
		25	0	18.58	18.56	18.77	20.5
		25	12	18.70	18.58	18.60	20.5
		25	25	18.89	18.72	18.62	20.5
		50	0	18.75	18.69	18.69	20.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	18.68	18.81	18.85	20.5
		1	12	18.81	18.99	18.90	20.5
		1	24	18.79	18.66	18.78	20.5
		12	0	18.79	18.89	18.84	20.5
		12	6	18.56	18.65	18.67	20.5
		12	13	18.69	18.68	18.67	20.5
		25	0	18.74	19.02	18.81	20.5
	16QAM	1	0	18.81	18.72	18.63	20.5
		1	12	18.84	18.71	18.77	20.5
		1	24	18.65	18.69	18.59	20.5
		12	0	18.75	18.60	18.67	20.5
		12	6	18.62	18.62	18.64	20.5
		12	13	18.73	18.69	18.62	20.5
		25	0	18.69	18.65	18.64	20.5
	64QAM	1	0	18.63	18.63	18.72	20.5
		1	12	18.88	18.59	18.54	20.5
		1	24	18.63	18.58	18.78	20.5
		12	0	18.58	18.82	18.70	20.5
		12	6	18.71	18.76	18.64	20.5
		12	13	18.68	18.64	18.77	20.5
		25	0	18.61	18.82	18.67	20.5
	256QAM	1	0	18.73	18.75	18.69	20.5
		1	12	18.58	18.67	18.74	20.5
		1	24	18.83	18.70	18.55	20.5
		12	0	18.52	18.59	18.81	20.5
		12	6	18.77	18.70	18.63	20.5
		12	13	18.81	18.75	18.83	20.5
		25	0	18.74	18.67	18.76	20.5

LTE Band 7_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	16.96	16.96	16.99	18.5
		1	50	17.16	**17.18**	17.12	18.5
		1	99	17.04	16.91	16.92	18.5
		50	0	16.98	17.05	17.02	18.5
		50	25	16.73	16.89	17.00	18.5
		50	50	16.93	16.81	16.78	18.5
		100	0	17.01	17.11	16.93	18.5
	16QAM	1	0	17.06	16.91	16.80	18.5
		1	50	17.06	16.93	17.03	18.5
		1	99	16.84	16.86	16.86	18.5
		50	0	16.96	16.77	16.85	18.5
		50	25	16.79	16.85	16.79	18.5
		50	50	16.88	16.91	16.88	18.5
		100	0	16.89	16.86	16.83	18.5
	64QAM	1	0	16.74	16.96	16.77	18.5
		1	50	17.06	16.80	16.78	18.5
		1	99	16.79	16.84	16.99	18.5
		50	0	16.85	16.97	16.88	18.5
		50	25	16.82	16.93	16.87	18.5
		50	50	16.91	16.75	17.07	18.5
		100	0	16.77	17.05	16.88	18.5
	256QAM	1	0	16.96	16.70	16.67	18.5
		1	50	16.86	16.91	17.04	18.5
		1	99	17.11	16.96	16.88	18.5
		50	0	16.86	16.87	16.97	18.5
		50	25	16.97	16.91	16.85	18.5
		50	50	17.08	16.99	17.07	18.5
		100	0	16.73	16.98	16.96	18.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	16.86	16.95	16.90	18.5
		1	37	17.07	17.04	17.01	18.5
		1	74	16.95	16.84	16.82	18.5
		36	0	16.87	16.96	17.01	18.5
		36	19	16.59	16.76	16.88	18.5
		36	39	16.82	16.78	16.64	18.5
		75	0	16.93	17.08	16.89	18.5
	16QAM	1	0	16.99	16.90	16.74	18.5
		1	37	16.95	16.91	17.01	18.5
		1	74	16.79	16.74	16.85	18.5
		36	0	16.95	16.87	16.92	18.5
		36	19	16.69	16.77	16.78	18.5
		36	39	16.78	16.88	16.78	18.5
		75	0	16.80	16.78	16.79	18.5
	64QAM	1	0	16.61	16.87	16.62	18.5
		1	37	16.96	16.71	16.76	18.5
		1	74	16.76	16.79	16.95	18.5
		36	0	16.83	16.84	16.78	18.5
		36	19	16.77	16.83	16.74	18.5
		36	39	16.79	16.62	17.02	18.5
		75	0	16.67	17.01	16.85	18.5
	256QAM	1	0	16.89	16.56	16.61	18.5
		1	37	16.75	16.86	17.03	18.5
		1	74	17.09	16.90	16.75	18.5
		36	0	16.72	16.83	16.90	18.5
		36	19	16.92	16.85	16.77	18.5
		36	39	17.01	16.97	16.96	18.5
		75	0	16.68	16.97	16.83	18.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	16.91	16.81	16.98	18.5
		1	24	17.05	17.04	17.00	18.5
		1	49	17.01	16.76	16.77	18.5
		25	0	16.85	17.04	17.00	18.5
		25	12	16.67	16.87	16.90	18.5
		25	25	16.91	16.70	16.67	18.5
		50	0	16.91	17.07	16.91	18.5
	16QAM	1	0	16.99	16.88	16.83	18.5
		1	24	16.96	16.83	17.01	18.5
		1	49	16.73	16.72	16.76	18.5
		25	0	16.84	16.66	16.75	18.5
		25	12	16.74	16.76	16.75	18.5
		25	25	16.86	16.79	16.75	18.5
		50	0	16.86	16.84	16.75	18.5
	64QAM	1	0	16.70	16.95	16.75	18.5
		1	24	16.98	16.72	16.63	18.5
		1	49	16.65	16.77	16.80	18.5
		25	0	16.81	16.83	16.63	18.5
		25	12	16.67	16.86	16.73	18.5
		25	25	16.86	16.62	16.94	18.5
		50	0	16.64	17.00	16.73	18.5
	256QAM	1	0	16.95	16.67	16.92	18.5
		1	24	16.85	16.79	16.90	18.5
		1	49	16.99	16.90	16.78	18.5
		25	0	16.71	16.81	16.89	18.5
		25	12	16.95	16.85	16.80	18.5
		25	25	17.06	16.84	17.02	18.5
		50	0	16.63	16.95	16.84	18.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	16.82	16.94	16.97	18.5
		1	12	17.03	17.08	16.98	18.5
		1	24	17.03	16.81	16.89	18.5
		12	0	16.92	16.97	16.92	18.5
		12	6	16.61	16.87	16.90	18.5
		12	13	16.89	16.98	16.68	18.5
		25	0	16.89	17.07	16.89	18.5
	16QAM	1	0	16.97	16.89	16.69	18.5
		1	12	16.99	16.78	16.93	18.5
		1	24	16.72	16.78	16.84	18.5
		12	0	16.83	16.68	16.84	18.5
		12	6	16.76	16.84	16.64	18.5
		12	13	16.73	16.88	16.76	18.5
		25	0	16.78	16.74	16.68	18.5
	64QAM	1	0	16.61	16.89	16.84	18.5
		1	12	17.01	16.77	16.65	18.5
		1	24	16.74	16.75	16.92	18.5
		12	0	16.72	16.93	16.77	18.5
		12	6	16.81	16.91	16.79	18.5
		12	13	16.88	16.61	16.99	18.5
		25	0	16.76	16.99	16.84	18.5
	256QAM	1	0	16.82	16.55	16.64	18.5
		1	12	16.71	16.80	16.90	18.5
		1	24	17.02	16.93	16.78	18.5
		12	0	16.75	16.82	16.92	18.5
		12	6	16.96	16.90	16.73	18.5
		12	13	16.95	16.85	17.01	18.5
		25	0	16.62	16.90	16.83	18.5

LTE DSI3

LTE Band 26_Ant0							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		26765	26865	26965	
		Frequency (MHz)		821.5	831.5	841.5	
15M	QPSK	1	0	25.16	25.13	25.15	25.5
		1	37	25.21	25.14	25.20	25.5
		1	74	25.09	25.07	25.06	25.5
		36	0	24.18	24.20	24.16	24.5
		36	19	24.25	24.24	24.20	24.5
		36	39	24.10	24.17	24.14	24.5
		75	0	24.19	24.11	24.16	24.5
	16QAM	1	0	24.43	24.41	24.36	24.5
		1	37	24.17	24.09	24.14	24.5
		1	74	24.14	24.08	24.08	24.5
		36	0	23.23	23.09	23.20	23.5
		36	19	23.16	23.05	23.06	23.5
		36	39	23.10	23.03	22.98	23.5
		75	0	23.19	23.04	23.04	23.5
	64QAM	1	0	23.32	23.27	23.18	23.5
		1	37	23.50	23.35	23.43	23.5
		1	74	23.23	23.22	23.11	23.5
		36	0	22.27	22.12	22.20	22.5
		36	19	22.22	22.17	22.07	22.5
		36	39	22.17	22.13	22.09	22.5
		75	0	22.15	22.14	22.05	22.5
	256QAM	1	0	20.46	20.34	20.31	20.5
		1	37	20.28	20.14	20.15	20.5
		1	74	20.43	20.35	20.35	20.5
		36	0	20.24	20.22	20.13	20.5
		36	19	20.23	20.18	20.22	20.5
		36	39	20.14	20.03	20.06	20.5
		75	0	20.13	20.10	20.07	20.5
BW	Modulation	Channel		26740	26865	26990	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844	
10M	QPSK	1	0	25.06	25.06	25.04	25.5
		1	24	25.12	25.11	25.06	25.5
		1	49	25.04	24.93	24.94	25.5
		25	0	24.16	24.07	24.08	24.5
		25	12	24.20	24.20	24.19	24.5
		25	25	23.95	24.09	24.02	24.5
		50	0	24.16	24.04	24.13	24.5
	16QAM	1	0	24.41	24.36	24.26	24.5
		1	24	24.09	23.95	24.10	24.5
		1	49	24.08	23.96	24.00	24.5
		25	0	23.10	23.02	23.07	23.5
		25	12	23.09	22.99	22.95	23.5
		25	25	23.04	22.92	22.92	23.5
		50	0	23.07	22.96	22.94	23.5
	64QAM	1	0	23.31	23.26	23.13	23.5
		1	24	23.40	23.22	23.31	23.5
		1	49	23.20	23.08	22.97	23.5
		25	0	22.25	22.03	22.05	22.5
		25	12	22.17	22.16	22.02	22.5
		25	25	22.13	22.02	22.03	22.5
		50	0	22.09	22.10	21.97	22.5
	256QAM	1	0	20.33	20.20	20.17	20.5
		1	24	20.19	20.07	20.02	20.5
		1	49	20.39	20.28	20.31	20.5
		25	0	20.14	20.17	20.12	20.5
		25	12	20.19	20.16	20.15	20.5
		25	25	20.13	19.89	20.01	20.5
		50	0	20.07	19.96	20.02	20.5
BW	Modulation	Channel		26715	26865	27015	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5	
5M	QPSK	1	0	25.02	25.09	25.14	25.5
		1	12	25.08	25.01	25.19	25.5
		1	24	24.99	25.02	24.97	25.5
		12	0	24.08	24.09	24.07	24.5
		12	6	24.14	24.16	24.08	24.5
		12	13	24.03	24.05	24.02	24.5
		25	0	24.08	24.07	24.07	24.5
	16QAM	1	0	24.33	24.33	24.26	24.5
		1	12	24.08	24.03	24.09	24.5
		1	24	23.99	23.93	23.99	24.5
		12	0	23.21	23.04	23.09	23.5
		12	6	23.03	23.03	23.03	23.5
		12	13	23.00	22.98	22.88	23.5
		25	0	23.18	23.01	23.01	23.5
	64QAM	1	0	23.31	23.24	23.11	23.5
		1	12	23.42	23.22	23.40	23.5
		1	24	23.20	23.21	23.09	23.5
		12	0	22.16	22.00	22.10	22.5
		12	6	22.17	22.12	22.00	22.5
		12	13	22.13	22.04	22.01	22.5
		25	0	22.12	22.05	22.04	22.5
	256QAM	1	0	20.39	20.22	20.27	20.5
		1	12	20.14	20.05	20.09	20.5
		1	24	20.35	20.32	20.28	20.5
		12	0	20.18	20.09	20.02	20.5
		12	6	20.08	20.09	20.12	20.5
		12	13	20.06	19.90	20.01	20.5
		25	0	20.04	19.96	19.93	20.5
BW	Modulation	Channel		26705	26865	27025	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5	
3M	QPSK	1	0	25.15	25.08	25.13	25.5
		1	7	25.15	25.07	25.06	25.5
		1	14	24.95	25.00	24.91	25.5
		8	0	24.11	24.14	24.01	24.5
		8	3	24.12	24.16	24.18	24.5
		8	7	23.99	24.14	24.04	24.5
		15	0	24.08	24.00	24.08	24.5
	16QAM	1	0	24.29	24.37	24.22	24.5
		1	7	24.13	23.98	23.99	24.5
		1	14	24.05	23.95	23.97	24.5
		8	0	23.13	23.02	23.11	23.5
		8	3	23.10	23.03	22.97	23.5
		8	7	23.00	22.95	22.85	23.5
		15	0	23.18	22.90	22.97	23.5
	64QAM	1	0	23.20	23.21	23.11	23.5
		1	7	23.45	23.22	23.30	23.5
		1	14	23.19	23.16	23.08	23.5
		8	0	22.26	22.11	22.10	22.5
		8	3	22.12	22.14	21.98	22.5
		8	7	22.04	22.01	22.03	22.5
		15	0	22.02	22.11	21.93	22.5
	256QAM	1	0	20.43	20.29	20.26	20.5
		1	7	20.25	20.08	20.08	20.5
		1	14	20.37	20.29	20.33	20.5
		8	0	20.09	20.14	19.99	20.5
		8	3	20.11	20.08	20.08	20.5
		8	7	20.02	19.92	19.97	20.5
		15	0	20.05	20.04	19.97	20.5
BW	Modulation	Channel		26697	26865	27033	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3	
1.4M	QPSK	1	0	25.12	25.11	25.14	25.5
		1	2	25.18	25.00	25.08	25.5
		1	5	24.97	24.95	24.99	25.5
		3	0	24.93	24.87	24.88	25.5
		3	1	24.92	24.96	24.87	25.5
		3	3	24.74	24.89	24.88	25.5
		6	0	24.12	24.00	24.05	24.5
	16QAM	1	0	24.38	24.38	24.34	24.5
		1	2	24.05	24.04	24.10	24.5
		1	5	24.13	24.02	24.05	24.5
		3	0	23.94	23.78	23.93	24.5
		3	1	23.84	23.68	23.83	24.5
		3	3	23.76	23.78	23.73	24.5
		6	0	23.07	22.90	22.92	23.5
	64QAM	1	0	23.27	23.25	23.15	23.5
		1	2	23.35	23.24	23.33	23.5
		1	5	23.22	23.14	23.08	23.5
		3	0	22.90	22.82	22.84	23.5
		3	1	22.89	22.92	22.70	23.5
		3	3	22.94	22.89	22.79	23.5
		6	0	22.07	22.02	21.98	22.5
	256QAM	1	0	20.39	20.19	20.28	20.5
		1	2	20.22	20.07	20.12	20.5
		1	5	20.29	20.34	20.23	20.5
		3	0	20.22	20.16	19.99	20.5
		3	1	20.17	20.11	20.10	20.5
		3	3	20.04	19.90	20.04	20.5
		6	0	20.03	19.95	19.96	20.5

LTE Band 26_Ant1							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		26765	26865	26965	
		Frequency (MHz)		821.5	831.5	841.5	
15M	QPSK	1	0	21.28	21.12	21.31	22
		1	37	21.39	21.42	21.35	22
		1	74	21.20	21.21	21.32	22
		36	0	21.13	21.25	21.39	22
		36	19	21.27	21.41	21.40	22
		36	39	21.26	21.39	21.36	22
		75	0	21.19	21.26	21.25	22
	16QAM	1	0	21.25	21.27	21.35	22
		1	37	21.35	21.12	21.37	22
		1	74	21.41	21.36	21.23	22
		36	0	21.32	21.34	21.25	22
		36	19	21.41	21.20	21.35	22
		36	39	21.33	21.34	21.31	22
		75	0	21.21	21.25	21.31	22
	64QAM	1	0	21.16	21.28	21.32	22
		1	37	21.21	21.26	21.16	22
		1	74	21.30	21.19	21.37	22
		36	0	21.36	21.23	21.17	22
		36	19	21.19	21.23	21.33	22
		36	39	21.14	21.11	21.14	22
		75	0	21.37	21.17	21.11	22
	256QAM	1	0	20.32	20.39	20.29	21
		1	37	20.36	20.41	20.38	21
		1	74	20.17	20.15	20.16	21
		36	0	20.09	20.05	19.97	21
		36	19	20.13	20.15	20.12	21
		36	39	20.01	20.03	20.13	21
		75	0	20.02	20.04	20.10	21
BW	Modulation	Channel		26740	26865	26990	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844	
10M	QPSK	1	0	21.15	21.06	21.31	22
		1	24	21.38	21.32	21.24	22
		1	49	21.05	21.10	21.30	22
		25	0	21.03	21.17	21.39	22
		25	12	21.18	21.30	21.33	22
		25	25	21.21	21.32	21.29	22
		50	0	21.07	21.23	21.18	22
	16QAM	1	0	21.23	21.14	21.30	22
		1	24	21.35	20.99	21.23	22
		1	49	21.38	21.29	21.16	22
		25	0	21.26	21.19	21.23	22
		25	12	21.37	21.08	21.33	22
		25	25	21.32	21.20	21.26	22
		50	0	21.07	21.17	21.17	22
	64QAM	1	0	21.04	21.24	21.19	22
		1	24	21.08	21.15	21.08	22
		1	49	21.28	21.11	21.25	22
		25	0	21.33	21.10	21.12	22
		25	12	21.14	21.14	21.20	22
		25	25	21.08	21.00	21.07	22
		50	0	21.34	21.02	21.05	22
	256QAM	1	0	20.25	20.32	20.17	21
		1	24	20.23	20.26	20.26	21
		1	49	20.09	20.14	20.11	21
		25	0	19.96	19.93	19.84	21
		25	12	20.06	20.07	19.99	21
		25	25	19.94	19.93	20.02	21
		50	0	19.98	19.91	20.02	21
BW	Modulation	Channel		26715	26865	27015	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5	
5M	QPSK	1	0	21.26	21.06	21.29	22
		1	12	21.29	21.31	21.22	22
		1	24	21.17	21.20	21.21	22
		12	0	20.98	21.18	21.24	22
		12	6	21.27	21.31	21.37	22
		12	13	21.24	21.26	21.27	22
		25	0	21.17	21.18	21.11	22
	16QAM	1	0	21.16	21.23	21.25	22
		1	12	21.22	21.03	21.28	22
		1	24	21.35	21.24	21.20	22
		12	0	21.17	21.23	21.12	22
		12	6	21.37	21.11	21.27	22
		12	13	21.30	21.32	21.24	22
		25	0	21.11	21.24	21.22	22
	64QAM	1	0	21.16	21.21	21.31	22
		1	12	21.20	21.11	21.06	22
		1	24	21.26	21.04	21.27	22
		12	0	21.24	21.19	21.14	22
		12	6	21.18	21.12	21.26	22
		12	13	21.00	20.99	21.07	22
		25	0	21.34	21.06	21.11	22
	256QAM	1	0	20.17	20.24	20.11	21
		1	12	20.31	20.25	20.26	21
		1	24	20.01	19.88	19.97	21
		12	0	19.99	19.96	19.80	21
		12	6	19.86	20.08	20.05	21
		12	13	19.84	19.86	19.94	21
		25	0	19.74	19.88	20.07	21
BW	Modulation	Channel		26705	26865	27025	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5	
3M	QPSK	1	0	21.20	21.10	21.17	22
		1	7	21.26	21.31	21.32	22
		1	14	21.15	21.13	21.30	22
		8	0	21.08	21.24	21.37	22
		8	3	21.19	21.30	21.25	22
		8	7	21.21	21.27	21.34	22
		15	0	21.12	21.24	21.19	22
	16QAM	1	0	21.11	21.20	21.32	22
		1	7	21.27	21.09	21.30	22
		1	14	21.40	21.23	21.08	22
		8	0	21.28	21.20	21.20	22
		8	3	21.34	21.20	21.32	22
		8	7	21.30	21.19	21.30	22
		15	0	21.14	21.19	21.17	22
	64QAM	1	0	21.16	21.18	21.28	22
		1	7	21.07	21.15	21.07	22
		1	14	21.22	21.19	21.36	22
		8	0	21.27	21.17	21.08	22
		8	3	21.04	21.15	21.29	22
		8	7	21.02	20.98	21.08	22
		15	0	21.26	21.09	21.02	22
	256QAM	1	0	20.28	20.31	20.27	21
		1	7	20.34	20.28	20.28	21
		1	14	20.13	20.00	20.15	21
		8	0	19.95	19.91	19.85	21
		8	3	20.10	20.08	20.11	21
		8	7	19.91	20.00	20.12	21
		15	0	19.96	19.98	20.01	21
BW	Modulation	Channel		26697	26865	27033	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3	
1.4M	QPSK	1	0	21.20	20.99	21.16	22
		1	2	21.38	21.39	21.21	22
		1	5	21.05	21.10	21.26	22
		3	0	21.11	21.11	21.37	22
		3	1	21.13	21.39	21.38	22
		3	3	21.19	21.37	21.21	22
		6	0	21.07	21.14	21.10	22
	16QAM	1	0	21.25	21.27	21.25	22
		1	2	21.31	21.06	21.32	22
		1	5	21.36	21.26	21.12	22
		3	0	21.22	21.30	21.14	22
		3	1	21.27	21.15	21.23	22
		3	3	21.29	21.19	21.19	22
		6	0	21.14	21.19	21.30	22
	64QAM	1	0	21.04	21.18	21.19	22
		1	2	21.14	21.24	21.05	22
		1	5	21.20	21.08	21.37	22
		3	0	21.25	21.15	21.09	22
		3	1	21.08	21.16	21.19	22
		3	3	21.13	21.07	21.01	22
		6	0	21.22	21.07	21.04	22
	256QAM	1	0	20.24	20.28	20.21	21
		1	2	20.33	20.30	20.35	21
		1	5	20.14	20.02	20.10	21
		3	0	20.07	20.04	19.96	21
		3	1	20.08	20.02	20.00	21
		3	3	19.94	19.96	20.11	21
		6	0	20.01	19.93	20.05	21

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LTE Band 38_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37800	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	23.75	**23.78**	23.73	24.5
		1	50	23.67	23.62	23.61	24.5
		1	99	23.48	23.50	23.36	24.5
		50	0	22.81	22.84	22.76	23.5
		50	25	22.66	22.78	22.70	23.5
		50	50	22.67	22.79	22.74	23.5
		100	0	22.71	22.77	22.65	23.5
	16QAM	1	0	22.61	22.51	22.53	23.5
		1	50	22.68	22.60	22.55	23.5
		1	99	22.60	22.48	22.47	23.5
		50	0	21.81	21.72	21.75	22.5
		50	25	21.77	21.72	21.63	22.5
		50	50	21.74	21.68	21.63	22.5
		100	0	21.77	21.85	21.69	22.5
	64QAM	1	0	21.97	21.82	21.96	22.5
		1	50	21.84	21.76	21.77	22.5
		1	99	21.67	21.53	21.57	22.5
		50	0	20.87	20.76	20.85	21.5
		50	25	20.84	20.75	20.78	21.5
		50	50	20.75	20.72	20.62	21.5
		100	0	20.77	20.75	20.66	21.5
	256QAM	1	0	18.83	18.73	18.72	19.5
		1	50	18.86	18.77	18.72	19.5
		1	99	18.55	18.52	18.43	19.5
		50	0	18.89	18.74	18.81	19.5
		50	25	18.79	18.72	18.68	19.5
		50	50	18.78	18.75	18.64	19.5
		100	0	18.75	18.64	18.73	19.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	23.73	23.65	23.60	24.5
		1	37	23.55	23.49	23.57	24.5
		1	74	23.35	23.39	23.31	24.5
		36	0	22.69	22.76	22.69	23.5
		36	19	22.55	22.72	22.55	23.5
		36	39	22.52	22.66	22.61	23.5
		75	0	22.74	22.57	22.53	23.5
	16QAM	1	0	22.49	22.38	22.40	23.5
		1	37	22.61	22.53	22.46	23.5
		1	74	22.46	22.37	22.36	23.5
		36	0	21.73	21.73	21.73	22.5
		36	19	21.76	21.70	21.55	22.5
		36	39	21.63	21.55	21.57	22.5
		75	0	21.71	21.50	21.55	22.5
	64QAM	1	0	21.92	21.74	21.88	22.5
		1	37	21.75	21.66	21.65	22.5
		1	74	21.52	21.47	21.48	22.5
		36	0	20.82	20.64	20.71	21.5
		36	19	20.78	20.71	20.71	21.5
		36	39	20.60	20.62	20.53	21.5
		75	0	20.70	20.67	20.51	21.5
	256QAM	1	0	18.69	18.62	18.71	19.5
		1	37	18.80	18.71	18.64	19.5
		1	74	18.40	18.48	18.29	19.5
		36	0	18.85	18.62	18.74	19.5
		36	19	18.75	18.64	18.57	19.5
		36	39	18.70	18.65	18.50	19.5
		75	0	18.66	18.53	18.65	19.5
BW	Modulation	Channel		37900	38000	38250	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	23.63	23.68	23.61	24.5
		1	24	23.57	23.55	23.55	24.5
		1	49	23.41	23.38	23.27	24.5
		25	0	22.75	22.75	22.69	23.5
		25	12	22.51	22.77	22.60	23.5
		25	25	22.61	22.76	22.70	23.5
		50	0	22.68	22.58	22.57	23.5
	16QAM	1	0	22.50	22.42	22.45	23.5
		1	24	22.65	22.58	22.42	23.5
		1	49	22.47	22.47	22.43	23.5
		25	0	21.71	21.68	21.64	22.5
		25	12	21.74	21.67	21.51	22.5
		25	25	21.73	21.56	21.52	22.5
		50	0	21.73	21.54	21.64	22.5
	64QAM	1	0	21.83	21.80	21.92	22.5
		1	24	21.70	21.70	21.71	22.5
		1	49	21.64	21.44	21.56	22.5
		25	0	20.79	20.81	20.73	21.5
		25	12	20.83	20.65	20.73	21.5
		25	25	20.68	20.71	20.58	21.5
		50	0	20.73	20.69	20.59	21.5
	256QAM	1	0	18.77	18.61	18.63	19.5
		1	24	18.76	18.63	18.60	19.5
		1	49	18.52	18.50	18.42	19.5
		25	0	18.85	18.80	18.74	19.5
		25	12	18.73	18.68	18.61	19.5
		25	25	18.74	18.74	18.56	19.5
		50	0	18.64	18.62	18.58	19.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	23.71	23.65	23.59	24.5
		1	12	23.52	23.51	23.50	24.5
		1	24	23.34	23.35	23.25	24.5
		12	0	22.80	22.72	22.64	23.5
		12	6	22.60	22.69	22.55	23.5
		12	13	22.58	22.69	22.69	23.5
		25	0	22.71	22.61	22.53	23.5
	16QAM	1	0	22.49	22.39	22.42	23.5
		1	12	22.59	22.59	22.40	23.5
		1	24	22.51	22.37	22.43	23.5
		12	0	21.67	21.70	21.71	22.5
		12	6	21.64	21.64	21.57	22.5
		12	13	21.59	21.60	21.51	22.5
		25	0	21.67	21.58	21.64	22.5
	64QAM	1	0	21.89	21.71	21.86	22.5
		1	12	21.74	21.70	21.69	22.5
		1	24	21.57	21.49	21.52	22.5
		12	0	20.81	20.70	20.71	21.5
		12	6	20.73	20.72	20.75	21.5
		12	13	20.64	20.63	20.50	21.5
		25	0	20.67	20.68	20.60	21.5
	256QAM	1	0	18.74	18.64	18.63	19.5
		1	12	18.75	18.70	18.66	19.5
		1	24	18.52	18.43	18.31	19.5
		12	0	18.84	18.61	18.79	19.5
		12	6	18.74	18.65	18.65	19.5
		12	13	18.72	18.71	18.61	19.5
		25	0	18.63	18.60	18.65	19.5

LTE Band 38_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37800	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	19.94	20.04	20.09	21
		1	50	20.06	**20.16**	20.12	21
		1	99	19.96	20.05	19.80	21
		50	0	19.86	19.96	20.01	21
		50	25	20.10	20.14	20.08	21
		50	50	20.03	19.92	19.95	21
		100	0	19.85	20.11	20.05	21
	16QAM	1	0	19.96	19.94	19.92	21
		1	50	19.95	20.01	20.00	21
		1	99	19.74	19.89	20.10	21
		50	0	19.89	19.73	20.01	21
		50	25	19.82	20.02	19.96	21
		50	50	20.02	19.92	19.90	21
		100	0	19.93	19.86	20.09	21
	64QAM	1	0	19.59	19.89	19.91	21
		1	50	19.57	19.85	20.02	21
		1	99	19.63	19.70	19.76	21
		50	0	19.96	20.09	19.97	21
		50	25	19.96	19.91	19.79	21
		50	50	20.00	19.79	20.11	21
		100	0	20.00	20.08	19.97	21
	256QAM	1	0	19.52	19.39	19.48	20.5
		1	50	19.53	19.48	19.59	20.5
		1	99	19.33	19.29	19.29	20.5
		50	0	19.41	19.53	19.60	20.5
		50	25	19.52	19.54	19.61	20.5
		50	50	19.46	19.55	19.53	20.5
		100	0	19.38	19.52	19.52	20.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	19.88	19.89	19.98	21
		1	37	19.92	20.08	20.00	21
		1	74	19.90	19.95	19.79	21
		36	0	19.90	19.92	19.87	21
		36	19	20.06	20.10	19.95	21
		36	39	19.91	19.80	19.85	21
		75	0	19.76	20.00	19.95	21
	16QAM	1	0	19.95	19.92	19.83	21
		1	37	19.85	19.88	19.87	21
		1	74	19.71	19.80	19.95	21
		36	0	19.77	19.58	19.94	21
		36	19	19.74	19.95	19.84	21
		36	39	19.87	19.87	19.86	21
		75	0	19.92	19.80	19.97	21
	64QAM	1	0	19.47	19.82	19.77	21
		1	37	19.45	19.73	19.88	21
		1	74	19.72	19.69	19.66	21
		36	0	19.84	19.99	19.96	21
		36	19	19.92	19.77	19.73	21
		36	39	19.89	19.76	20.00	21
		75	0	19.92	20.00	19.91	21
	256QAM	1	0	19.50	19.29	19.39	20.5
		1	37	19.48	19.43	19.46	20.5
		1	74	19.29	19.28	19.22	20.5
		36	0	19.40	19.40	19.49	20.5
		36	19	19.46	19.43	19.50	20.5
		36	39	19.41	19.54	19.50	20.5
		75	0	19.30	19.48	19.42	20.5
BW	Modulation	Channel		37900	38000	38250	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	19.92	19.95	19.97	21
		1	24	19.98	20.07	20.10	21
		1	49	19.87	19.92	19.71	21
		25	0	19.89	19.93	19.96	21
		25	12	19.97	20.01	20.04	21
		25	25	19.99	19.88	19.82	21
		50	0	19.83	20.06	19.92	21
	16QAM	1	0	19.94	19.93	19.94	21
		1	24	19.82	19.91	19.95	21
		1	49	19.72	19.75	20.05	21
		25	0	19.87	19.67	19.87	21
		25	12	19.81	19.99	19.91	21
		25	25	19.92	19.79	19.87	21
		50	0	19.85	19.83	20.02	21
	64QAM	1	0	19.47	19.86	19.89	21
		1	24	19.43	19.76	19.88	21
		1	49	19.73	19.55	19.62	21
		25	0	19.53	19.73	19.57	21
		25	12	19.81	19.76	19.77	21
		25	25	19.87	19.64	19.98	21
		50	0	19.96	19.95	19.89	21
	256QAM	1	0	19.38	19.28	19.43	20.5
		1	24	19.45	19.33	19.47	20.5
		1	49	19.23	19.28	19.21	20.5
		25	0	19.30	19.49	19.57	20.5
		25	12	19.43	19.48	19.53	20.5
		25	25	19.42	19.42	19.42	20.5
		50	0	19.26	19.51	19.51	20.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	19.85	19.93	19.97	21
		1	12	19.98	20.10	19.99	21
		1	24	19.95	19.98	19.79	21
		12	0	19.82	19.95	19.98	21
		12	6	20.09	20.01	20.04	21
		12	13	19.96	19.90	19.95	21
		25	0	19.73	20.00	19.93	21
	16QAM	1	0	19.88	19.89	19.89	21
		1	12	19.87	19.97	19.87	21
		1	24	19.69	19.74	20.03	21
		12	0	19.83	19.71	19.91	21
		12	6	19.77	19.93	19.84	21
		12	13	19.89	19.83	19.88	21
		25	0	19.86	19.75	19.94	21
	64QAM	1	0	19.52	19.78	19.88	21
		1	12	19.44	19.79	19.89	21
		1	24	19.69	19.65	19.68	21
		12	0	19.87	20.07	19.89	21
		12	6	19.83	19.85	19.76	21
		12	13	19.93	19.68	20.01	21
		25	0	19.87	19.99	19.86	21
	256QAM	1	0	19.39	19.25	19.35	20.5
		1	12	19.49	19.38	19.49	20.5
		1	24	19.18	19.14	19.15	20.5
		12	0	19.35	19.41	19.56	20.5
		12	6	19.41	19.52	19.50	20.5
		12	13	19.37	19.54	19.42	20.5
		25	0	19.23	19.50	19.48	20.5

LTE Band 38_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37800	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	22.74	**22.85**	22.79	23.5
		1	50	22.72	22.82	22.72	23.5
		1	99	22.68	22.75	22.61	23.5
		50	0	22.74	22.85	22.69	23.5
		50	25	22.53	22.69	22.60	23.5
		50	50	22.63	22.57	22.59	23.5
		100	0	22.57	22.84	22.64	23.5
	16QAM	1	0	22.59	22.63	22.62	23.5
		1	50	22.67	22.73	22.72	23.5
		1	99	22.46	22.54	22.76	23.5
		50	0	22.62	22.41	22.69	23.5
		50	25	22.43	22.72	22.59	23.5
		50	50	22.75	22.64	22.52	23.5
		100	0	22.62	22.46	22.78	23.5
	64QAM	1	0	22.28	22.58	22.53	23.5
		1	50	22.26	22.49	22.75	23.5
		1	99	22.43	22.31	22.48	23.5
		50	0	21.66	21.75	21.70	22.5
		50	25	21.72	21.75	21.63	22.5
		50	50	21.61	21.84	21.68	22.5
		100	0	21.61	21.76	21.57	22.5
	256QAM	1	0	19.56	19.67	19.59	20.5
		1	50	19.71	19.74	19.71	20.5
		1	99	19.52	19.49	19.51	20.5
		50	0	19.77	19.80	19.64	20.5
		50	25	19.75	19.70	19.69	20.5
		50	50	19.60	19.78	19.71	20.5
		100	0	19.65	19.73	19.66	20.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	22.71	22.79	22.72	23.5
		1	37	22.57	22.70	22.62	23.5
		1	74	22.63	22.68	22.55	23.5
		36	0	22.59	22.74	22.66	23.5
		36	19	22.50	22.57	22.51	23.5
		36	39	22.54	22.44	22.56	23.5
		75	0	22.55	22.79	22.61	23.5
	16QAM	1	0	22.53	22.58	22.49	23.5
		1	37	22.61	22.72	22.59	23.5
		1	74	22.44	22.45	22.72	23.5
		36	0	22.57	22.36	22.55	23.5
		36	19	22.33	22.62	22.46	23.5
		36	39	22.64	22.63	22.50	23.5
		75	0	22.59	22.38	22.69	23.5
	64QAM	1	0	22.16	22.46	22.48	23.5
		1	37	22.19	22.40	22.74	23.5
		1	74	22.30	22.26	22.34	23.5
		36	0	21.61	21.66	21.64	22.5
		36	19	21.58	21.68	21.52	22.5
		36	39	21.46	21.70	21.61	22.5
		75	0	21.58	21.72	21.50	22.5
	256QAM	1	0	19.53	19.59	19.58	20.5
		1	37	19.56	19.72	19.61	20.5
		1	74	19.38	19.45	19.41	20.5
		36	0	19.74	19.69	19.49	20.5
		36	19	19.68	19.55	19.68	20.5
		36	39	19.55	19.67	19.60	20.5
		75	0	19.61	19.59	19.55	20.5
BW	Modulation	Channel		37900	38000	38250	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	22.60	22.78	22.71	23.5
		1	24	22.65	22.68	22.59	23.5
		1	49	22.54	22.73	22.50	23.5
		25	0	22.70	22.73	22.58	23.5
		25	12	22.40	22.59	22.47	23.5
		25	25	22.56	22.49	22.47	23.5
		50	0	22.53	22.71	22.53	23.5
	16QAM	1	0	22.46	22.56	22.60	23.5
		1	24	22.64	22.71	22.70	23.5
		1	49	22.32	22.49	22.61	23.5
		25	0	22.52	22.29	22.66	23.5
		25	12	22.35	22.61	22.55	23.5
		25	25	22.63	22.56	22.38	23.5
		50	0	22.53	22.33	22.72	23.5
	64QAM	1	0	22.15	22.51	22.51	23.5
		1	24	22.15	22.36	22.61	23.5
		1	49	22.40	22.22	22.42	23.5
		25	0	21.53	21.73	21.92	22.5
		25	12	21.70	21.63	21.57	22.5
		25	25	21.49	21.72	21.58	22.5
		50	0	21.53	21.72	21.44	22.5
	256QAM	1	0	19.49	19.52	19.47	20.5
		1	24	19.58	19.60	19.56	20.5
		1	49	19.49	19.41	19.40	20.5
		25	0	19.69	19.67	19.57	20.5
		25	12	19.73	19.59	19.61	20.5
		25	25	19.59	19.74	19.63	20.5
		50	0	19.61	19.68	19.55	20.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	22.62	22.70	22.75	23.5
		1	12	22.67	22.76	22.67	23.5
		1	24	22.60	22.68	22.59	23.5
		12	0	22.72	22.77	22.63	23.5
		12	6	22.46	22.55	22.49	23.5
		12	13	22.51	22.42	22.54	23.5
		25	0	22.54	22.75	22.51	23.5
	16QAM	1	0	22.47	22.54	22.48	23.5
		1	12	22.62	22.71	22.64	23.5
		1	24	22.31	22.45	22.64	23.5
		12	0	22.49	22.36	22.49	23.5
		12	6	22.29	22.68	22.54	23.5
		12	13	22.62	22.52	22.44	23.5
		25	0	22.56	22.45	22.64	23.5
	64QAM	1	0	22.25	22.47	22.49	23.5
		1	12	22.17	22.34	22.63	23.5
		1	24	22.41	22.19	22.43	23.5
		12	0	21.54	21.60	21.60	22.5
		12	6	21.69	21.74	21.55	22.5
		12	13	21.47	21.62	21.60	22.5
		25	0	21.54	21.73	21.48	22.5
	256QAM	1	0	19.44	19.53	19.57	20.5
		1	12	19.65	19.68	19.62	20.5
		1	24	19.48	19.44	19.39	20.5
		12	0	19.72	19.76	19.53	20.5
		12	6	19.67	19.66	19.65	20.5
		12	13	19.52	19.74	19.64	20.5
		25	0	19.52	19.70	19.53	20.5

LTE Band 38_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37800	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	18.17	18.22	18.21	20
		1	50	18.39	18.44	**18.45**	20
		1	99	18.37	18.34	18.37	20
		50	0	18.24	18.28	18.41	20
		50	25	18.14	18.21	18.29	20
		50	50	18.16	18.11	18.36	20
		100	0	18.20	18.33	18.37	20
	16QAM	1	0	18.37	18.24	18.39	20
		1	50	18.32	18.17	18.25	20
		1	99	18.16	18.16	18.35	20
		50	0	18.26	18.34	18.16	20
		50	25	18.12	18.13	18.37	20
		50	50	18.43	18.18	18.18	20
		100	0	18.18	18.25	18.29	20
	64QAM	1	0	18.36	18.18	18.34	20
		1	50	18.35	18.07	18.07	20
		1	99	18.02	18.11	18.20	20
		50	0	18.17	18.20	18.43	20
		50	25	18.45	18.19	18.17	20
		50	50	18.14	18.44	18.35	20
		100	0	18.44	18.31	18.13	20
	256QAM	1	0	18.25	18.30	18.23	20
		1	50	18.44	18.12	18.29	20
		1	99	18.44	18.18	18.12	20
		50	0	18.36	18.19	18.27	20
		50	25	18.21	18.22	18.43	20
		50	50	18.31	18.20	18.26	20
		100	0	18.34	18.17	18.18	20
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	18.13	18.14	18.08	20
		1	37	18.28	18.36	18.44	20
		1	74	18.29	18.26	18.33	20
		36	0	18.17	18.19	18.21	20
		36	19	18.06	18.15	18.17	20
		36	39	18.06	18.09	18.30	20
		75	0	18.15	18.18	18.34	20
	16QAM	1	0	18.33	18.11	18.31	20
		1	37	18.20	18.16	18.11	20
		1	74	18.12	18.10	18.32	20
		36	0	18.16	18.26	18.15	20
		36	19	18.18	18.19	18.34	20
		36	39	18.39	18.11	18.07	20
		75	0	18.06	18.24	18.20	20
	64QAM	1	0	18.22	18.14	18.20	20
		1	37	18.29	18.17	18.02	20
		1	74	18.21	18.06	18.19	20
		36	0	18.08	18.17	18.37	20
		36	19	18.34	18.12	18.10	20
		36	39	18.02	18.36	18.21	20
		75	0	18.42	18.20	18.11	20
	256QAM	1	0	18.14	18.18	18.09	20
		1	37	18.39	18.03	18.28	20
		1	74	18.35	18.09	18.11	20
		36	0	18.34	18.13	18.20	20
		36	19	18.12	18.17	18.39	20
		36	39	18.19	18.07	18.22	20
		75	0	18.23	18.14	18.13	20
BW	Modulation	Channel		37900	38000	38250	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	18.05	18.17	18.20	20
		1	24	18.31	18.43	18.35	20
		1	49	18.32	18.20	18.22	20
		25	0	18.12	18.18	18.24	20
		25	12	18.05	18.09	18.21	20
		25	25	18.06	18.17	18.31	20
		50	0	18.12	18.31	18.36	20
	16QAM	1	0	18.35	18.18	18.35	20
		1	24	18.31	18.03	18.16	20
		1	49	18.10	18.04	18.21	20
		25	0	18.23	18.26	18.11	20
		25	12	18.03	18.04	18.26	20
		25	25	18.42	18.04	18.20	20

LTE DSI3

LTE Band 41_Ant0

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40150	40620	41090	41490	
		Frequency (MHz)		2506	2545.0	2595	2639.0	2680	
20M	QPSK	1	0	**23.39**	23.32	23.30	23.21	22.83	24
		1	50	23.13	23.06	23.25	23.11	22.82	24
		1	99	23.08	23.01	23.07	22.93	22.69	24
		50	0	22.86	22.82	22.70	22.46	22.47	23.5
		50	25	22.76	22.78	22.89	22.45	22.09	23.5
		50	50	22.75	22.72	22.71	22.41	22.32	23.5
		100	0	22.75	22.71	22.76	22.48	22.33	23.5
	16QAM	1	0	22.66	22.67	22.68	22.24	22.3	23.5
		1	50	22.70	22.64	22.66	22.34	22.04	23.5
		1	99	22.52	22.42	22.49	22.23	22.19	23.5
		50	0	21.85	21.79	21.79	21.29	21.34	22.5
		50	25	21.79	21.67	21.78	21.40	21.46	22.5
		50	50	21.74	21.72	21.70	21.39	21.43	22.5
		100	0	21.84	21.76	21.76	21.32	21.22	22.5
	64QAM	1	0	21.76	21.62	21.73	21.22	21.23	22.5
		1	50	21.70	21.78	21.81	21.32	21.38	22.5
		1	99	21.66	21.69	21.70	21.27	21.27	22.5
		50	0	20.87	20.86	20.80	20.32	20.29	21.5
		50	25	20.78	20.61	20.69	20.36	20.38	21.5
		50	50	20.73	20.64	20.68	20.28	20.28	21.5
		100	0	20.73	20.76	20.76	20.2	20.24	21.5
	256QAM	1	0	18.86	18.76	18.72	18.3	18.35	19.5
		1	50	18.70	18.73	18.66	18.43	18.52	19.5
		1	99	18.52	18.53	18.44	18.31	18.2	19.5
		50	0	18.66	18.69	18.64	18.34	18.29	19.5
		50	25	18.66	18.66	18.79	18.27	18.26	19.5
		50	50	18.76	18.60	18.57	18.34	18.2	19.5
		100	0	18.66	18.69	18.66	18.41	18.35	19.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2595	2637.8	2682.5	
15M	QPSK	1	0	23.25	23.23	23.22	23.15	22.72	24
		1	37	23.05	23.04	23.17	23.13	22.87	24
		1	74	22.98	22.99	22.92	22.84	22.59	24
		36	0	22.73	22.78	22.70	22.34	22.4	23.5
		36	19	22.66	22.63	22.72	22.36	22.26	23.5
		36	39	22.65	22.59	22.67	22.36	22.3	23.5
		75	0	22.72	22.64	22.70	22.36	22.25	23.5
	16QAM	1	0	22.73	22.58	22.59	22.1	22.29	23.5
		1	37	22.61	22.76	22.62	22.23	22.19	23.5
		1	74	22.62	22.58	22.46	22.12	22.08	23.5
		36	0	21.92	21.70	21.62	21.22	21.24	22.5
		36	19	21.89	21.73	21.78	21.39	21.36	22.5
		36	39	21.71	21.64	21.69	21.32	21.41	22.5
		75	0	21.78	21.66	21.66	21.17	21.15	22.5
	64QAM	1	0	21.64	21.79	21.66	21.19	21.15	22.5
		1	37	21.70	21.72	21.70	21.2	21.53	22.5
		1	74	21.63	21.68	21.67	21.28	21.13	22.5
		36	0	20.75	20.70	20.78	20.24	20.26	21.5
		36	19	20.70	20.66	20.70	20.29	20.26	21.5
		36	39	20.59	20.57	20.62	20.22	20.27	21.5
		75	0	20.72	20.69	20.67	20.1	20.13	21.5
	256QAM	1	0	18.67	18.79	18.69	18.25	18.28	19.5
		1	37	18.62	18.69	18.53	18.34	18.41	19.5
		1	74	18.42	18.53	18.40	18.2	18.1	19.5
		36	0	18.78	18.53	18.59	18.2	18.21	19.5
		36	19	18.70	18.55	18.61	18.25	18.16	19.5
		36	39	18.73	18.58	18.45	18.31	18.16	19.5
		75	0	18.77	18.47	18.63	18.26	18.09	19.5

BW	Modulation	Channel		39700	40150	40620	41090	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2595	2639	2685	
10M	QPSK	1	0	23.35	23.28	23.26	23.21	22.8	24
		1	24	23.10	22.97	23.20	23.09	22.76	24
		1	49	23.02	22.90	22.90	22.89	22.69	24
		25	0	22.77	22.79	22.71	22.33	22.4	23.5
		25	12	22.72	22.64	22.71	22.35	22.18	23.5
		25	25	22.75	22.64	22.58	22.33	22.17	23.5
	16QAM	1	0	22.66	22.71	22.67	22.42	22.35	23.5
		1	24	22.65	22.62	22.72	22.28	22.25	23.5
		1	49	22.37	22.37	22.36	22.19	22.05	23.5
		25	0	21.79	21.73	21.66	21.17	21.28	22.5
		25	12	21.68	21.75	21.66	21.27	21.32	22.5
		25	25	21.58	21.69	21.66	21.27	21.36	22.5
	64QAM	1	0	21.64	21.61	21.66	21.23	21.12	22.5
		1	24	21.66	21.71	21.77	21.28	21.39	22.5
		1	49	21.64	21.58	21.62	21.23	21.39	22.5
		25	0	20.76	20.79	20.75	20.21	20.27	21.5
		25	12	20.66	20.72	20.76	20.27	20.37	21.5
		25	25	20.58	20.49	20.58	20.24	20.28	21.5
	256QAM	1	0	20.58	20.69	20.61	20.11	20.12	21.5
		1	24	18.77	18.68	18.63	18.17	18.24	19.5
		1	49	18.72	18.68	18.57	18.4	18.51	19.5
		25	0	18.67	18.64	18.36	18.21	18.19	19.5
		25	12	18.76	18.54	18.66	18.39	18.24	19.5
		25	25	18.71	18.62	18.66	18.19	18.24	19.5
		50	0	18.75	18.59	18.53	18.37	18.21	19.5

BW	Modulation	Channel		39675	40140	40620	41090	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.0	2595	2643.5	2687.5	
5M	QPSK	1	0	23.24	23.19	23.22	23.17	22.68	24
		1	12	22.98	22.98	23.18	23.08	22.78	24
		1	24	22.95	22.99	22.95	22.92	22.6	24
		12	0	22.68	22.68	22.68	22.49	22.38	23.5
		12	6	22.67	22.64	22.76	22.43	22.19	23.5
		12	13	22.66	22.64	22.71	22.39	22.22	23.5
		25	0	22.66	22.73	22.73	22.39	22.22	23.5
	16QAM	1	0	22.77	22.63	22.66	22.11	22.19	23.5
		1	12	22.75	22.66	22.76	22.27	22.33	23.5
		1	24	22.48	22.31	22.46	22.09	22.05	23.5
		12	0	21.75	21.73	21.67	21.17	21.27	22.5
		12	6	21.88	21.73	21.69	21.33	21.41	22.5
		12	13	21.88	21.66	21.69	21.26	21.39	22.5
		25	0	21.75	21.79	21.66	21.25	21.07	22.5
	64QAM	1	0	21.68	21.69	21.66	21.13	21.11	22.5
		1	12	21.71	21.66	21.66	21.22	21.36	22.5
		1	24	21.58	21.65	21.69	21.19	21.15	22.5
		12	0	20.84	20.75	20.75	20.3	20.36	21.5
		12	6	20.72	20.73	20.69	20.32	20.23	21.5
		12	13	20.68	20.67	20.65	20.19	20.19	21.5
		25	0	20.59	20.59	20.75	20.15	20.1	21.5
	256QAM	1	0	18.68	18.61	18.60	18.23	18.27	19.5
		1	12	18.72	18.67	18.56	18.26	18.26	19.5
		1	24	18.48	18.47	18.38	18.18	18.12	19.5
		12	0	18.81	18.67	18.61	18.22	18.16	19.5
		12	6	18.71	18.63	18.59	18.18	18.18	19.5
		12	13	18.72	18.62	18.54	18.24	18.14	19.5
		25	0	18.74	18.55	18.58	18.39	18.27	19.5

LTE Band 41_Ant2

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40150	40620	41090	41490	
		Frequency (MHz)		2506	2545.0	2595	2639.0	2680	
20M	QPSK	1	0	**23.05**	20.82	20.84	20.8	20.79	21.5
		1	50	20.75	20.72	20.72	20.7	20.79	21.5
		1	99	20.64	20.63	20.63	20.62	20.67	21.5
		50	0	20.58	20.58	20.54	20.49	20.63	21.5
		50	25	20.72	20.75	20.63	20.62	20.7	21.5
		50	50	20.73	20.72	20.63	20.59	20.52	21.5
		100	0	20.78	20.78	20.63	20.54	20.67	21.5
	16QAM	1	0	20.46	20.43	20.62	20.53	20.43	21.5
		1	50	20.46	20.51	20.51	20.41	20.56	21.5
		1	99	20.31	20.22	20.54	20.47	20.69	21.5
		50	0	20.36	20.46	20.35	20.14	20.54	21.5
		50	25	20.40	20.27	20.66	20.55	20.54	21.5
		50	50	20.66	20.55	20.52	20.36	20.42	21.5
		100	0	20.48	20.46	20.38	20.23	20.72	21.5
	64QAM	1	0	20.24	20.13	20.49	20.35	20.5	21.5
		1	50	20.32	20.13	20.49	20.35	20.53	21.5
		1	99	20.46	20.35	20.31	20.2	20.36	21.5
		50	0	20.31	20.43	20.80	20.74	20.53	21.5
		50	25	20.04	20.32	20.48	20.39	20.35	21.5
		50	50	20.33	20.42	20.37	20.32	20.74	21.5
		100	0	20.38	20.32	20.70	20.58	20.6	21.5
	256QAM	1	0	19.06	19.02	19.57	19.3	19.32	20.5
		1	50	19.02	19.05	19.65	19.52	19.43	20.5
		1	99	19.02	19.03	19.41	19.42	19.27	19.31	20.5
		50	0	19.06	19.02	19.59	19.52	19.43	20.5
		50	25	19.07	19.03	19.66	19.42	19.49	20.5
		50	50	19.03	19.03	19.54	19.37	19.48	20.5
		100	0	19.06	19.02	19.59	19.52	19.49	20.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2595	2637.8	2682.5	
15M	QPSK	1	0	20.74	20.78	20.79	20.67	20.73	21.5
		1	37	20.81	20.67	20.71	20.61	20.73	21.5
		1	74	20.53	20.55	20.58	20.5	20.6	21.5
		36	0	20.42	20.52	20.50	20.36	20.53	21.5
		36	19	20.50	20.67	20.57	20.5	20.59	21.5
		36	39	20.50	20.46	20.56	20.51	20.49	21.5
		75	0	20.42	20.52	20.46	20.63	20.5	21.5
	16QAM	1	0	20.43	20.41	20.50	20.39	20.51	21.5
		1	37	20.49	20.42	20.46	20.39	20.52	21.5
		1	74	20.39	20.17	20.50	20.42	20.63	21.5
		36	0	20.34	20.31	20.22	20.08	20.6	21.5
		36	19	20.38	20.27	20.53	20.47	20.46	21.5
		36	39	20.38	20.54	20.48	20.27	20.33	21.5
		75	0	20.42	20.32	20.23	20.15	20.71	21.5
	64QAM	1	0	20.15	20.03	20.35	20.35	20.07	21.5
		1	37	20.22	20.05	20.29	20.24	20.47	21.5
		1	74	20.41	20.31	20.39	20.18	20.28	21.5
		36	0	20.45	20.35	20.65	20.7	20.38	21.5
		36	19	20.54	20.42	20.55	20.23	20.26	21.5
		36	39	20.46	20.38	20.22	20.12	20.73	21.5
		75	0	20.46	20.48	20.64	20.56	20.55	21.5
	256QAM	1	0	19.07	19.40	19.54	19.17	19.26	20.5
		1	37	19.01	19.01	19.41	19.34	19.19	20.5
		1	74	19.02	19.02	19.50	19.35	19.32	20.5
		36	0	19.02	19.49	19.57	19.37	19.43	20.5
		36	19	19.49	19.57	19.47	19.32	19.39	20.5
		36	39	19.49	19.57	19.47	19.32	19.39	20.5
		75	0	19.02	19.54	19.37	19.43	19.43	20.5

BW	Modulation	Channel		39700	40150	40620	41090	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2595	2639	2685	
10M	QPSK	1	0	20.70	20.71	20.74	20.74	20.73	21.5
		1	24	20.68	20.66	20.71	20.56	20.69	21.5
		1	49	20.62	20.62	20.54	20.53	20.58	21.5
		25	0	20.54	20.57	20.39	20.34	20.58	21.5
		25	12	20.54	20.68	20.54	20.61	20.56	21.5
		25	25	20.44	20.58	20.51	20.53	20.45	21.5
	16QAM	1	0	20.76	20.71	20.48	20.53	20.6	21.5
		1	24	20.57	20.58	20.50	20.52	20.54	21.5
		1	49	20.49	20.39	20.46	20.36	20.48	21.5
		25	0	20.18	20.21	20.40	20.40	20.64	21.5
		25	12	20.08	20.44	20.23	20	20.51	21.5
		25	25	20.07	20.13	20.62	20.44	20.52	21.5
	64QAM	1	0	20.33	20.33	20.48	20.23	20.33	21.5
		1	24	20.42	20.31	20.33	20.13	20.64	21.5
		1	49	20.31	20.13	20.31	20.33	20.39	21.5
		25	0	19.92	19.99	20.33	20.24	20.42	21.5
		25	12	20.02	20.08	20.27	20.05	20.25	21.5
		25	25	20.46	20.41	20.66	20.7	20.38	21.5
	256QAM	1	0	19.02	19.01	19.49	19.27	19.3	20.5
		1	24	19.38	19.38	19.33	19.21	19.21	20.5
		1	49	19.03	19.03	19.41	19.36	19.33	20.5
		25	0	19.58	19.58	19.02	19.32	19.37	20.5
		25	12	19.38	19.38	19.39	19.32	19.33	20.5
		25	25	19.04	19.45	19.49	19.42	19.39	20.5

BW	Modulation	Channel		39675	40140	40620	41090	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.0	2595	2643.5	2687.5	
5M	QPSK	1	0	20.74	20.74	20.74	20.77	20.73	21.5
		1	12	20.72	20.72	20.73	20.65	20.67	21.5
		1	24	20.54	20.54	20.53	20.59	20.54	21.5
		12	0	20.53	20.58	20.52	20.39	20.56	21.5
		12	6	20.75	20.60	20.67	20.62	20.57	21.5
		12	13	20.72	20.62	20.54	20.47	20.48	21.5
		25	0	20.76	20.74	20.48	20.47	20.54	21.5
	16QAM	1	0	20.47	20.29	20.58	20.44	20.35	21.5
		1	12	20.46	20.33	20.53	20.49	20.54	21.5
		1	24	20.25	20.08	20.44	20.32	20.67	21.5
		12	0	20.19	20.33	20.29	20.04	20.5	21.5
		12	6	20.26	20.17	20.52	20.52	20.53	21.5
		12	13	20.26	20.49	20.42	20.26	20.34	21.5
		25	0	20.42	20.26	20.26	20.12	20.63	21.5
	64QAM	1	0	20.13	20.10	20.37	20.22	20.36	21.5
		1	12	20.16	20.13	20.27	20.1	20.47	21.5
		1	24	20.41	20.20	20.18	20.13	20.26	21.5
		12	0	20.42	20.29	20.69	20.67	20.43	21.5
		12	6	20.49	20.45	20.42	20.29	20.24	21.5
		12	13	20.32	20.47	20.52	20.21	20.07	21.5
		25	0	20.32	20.47	20.68	20.43	20.56	21.5
	256QAM	1	0	19.04	19.49	19.53	19.26	19.25	20.5
		1	12	19.38	19.38	19.38	19.32	19.33	20.5
		1	24	19.43	19.35	19.29	19.26	19.24	20.5
		12	0	19.38	19.38	19.38	19.32	19.33	20.5
		12	6	19.54	19.57	19.63	19.34	19.38	20.5
		12	13	19.50	19.58	19.63	19.38	19.45	20.5
		25	0	19.02	19.45	19.50	19.31	19.52	20.5

LTE Band 41_Ant3

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40150	40620	41090	41490	
		Frequency (MHz)		2506	2545.0	2595	2639.0	2680	
20M	QPSK	1	0	**21.96**	21.82	21.94	21.9	21.89	23
		1	50	21.81	21.76	21.85	21.79	21.87	23
		1	99	21.83	21.80	21.73	21.71	21.83	23
		50	0	21.79	21.79	21.73	21.73	21.83	23
		50	25	21.80	21.79	21.89	21.73	21.81	23
		50	50	21.72	21.69	21.79	21.73	21.8	23
		100	0	21.83	21.87	21.78	21.77	21.81	23
	16QAM	1	0	21.46	21.62	21.81	21.77	21.5	23
		1	50	21.45	21.67	21.83	21.84	21.72	23
		1	99	21.42	21.36	21.68	21.6	21.75	23
		50	0	21.03	21.39	21.34	21.31	21.7	23
		50	25	21.08	21.62	21.62	21.66	21.59	23
		50	50	21.27	21.68	21.63	21.69	21.67	23
		100	0	21.03	21.47	21.47	21.32	21.79	23
	64QAM	1	0	21.32	21.25	21.56	21.4	21.63	23
		1	50	21.32	21.28	21.39	21.36	21.7	23
		1	99	21.54	21.46	21.41	21.22	21.51	23
		50	0	21.22	21.15	21.51	21.31	20.92	22.5
		50	25	21.20	21.11	21.53	21.08	21.09	22.5
		50	50	21.20	21.23	21.18	21.07	20.93	22.5
		100	0	21.29	21.26	21.41	21.19	20.97	22.5
	256QAM	1	0	19.13	19.09	19.22	19.03	18.94	20.5
		1	50	19.08	19.19	19.04	18.92	18.97	20.5
		1	99	19.10	19.06	19.19	19.09	18.77	20.5
		50	0	19.09	19.09	19.09	18.92	18.93	20.5
		50	25	19.02	19.03	19.09	19.07	18.91	20.5
		50	50	19.08	19.07	19.07	18.91	18.97	20.5
		100	0	18.79	18.73	19.42	19.16	18.85	20.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2595	2637.8	2682.5	
15M	QPSK	1	0	21.69	21.79	21.69	21.67	21.76	23
		1	37	21.71	21.79	21.77	21.69	21.73	23
		1	74	21.81	21.65	21.62	21.58	21.72	23
		36	0	21.75	21.76	21.71	21.6	21.83	23
		36	19	21.68	21.66	21.64	21.69	21.69	23
		36	39	21.61	21.62	21.63	21.7	21.53	23
		75	0	21.60	21.75	21.63	21.74	21.72	23
	16QAM	1	0	21.58	21.47	21.74	21.72	21.4	23
		1	37	21.54	21.46	21.57	21.46	21.57	23
		1	74	21.31	21.33	21.65	21.52	21.72	23
		36	0	21.65	21.44	21.26	21.11	21.66	23
		36	19	21.63	21.38	21.54	21.37	21.59	23
		36	39	21.47	21.42	21.58	21.37	21.44	23
		75	0	21.46	21.41	21.27	21.17	21.73	23
	64QAM	1	0	21.39	21.14	21.43	21.34	21.09	23
		1	37	21.24	21.27	21.49	21.39	21.66	23
		1	74	21.39	21.36	21.32	21.16	21.48	23
		36	0	21.18	21.00	21.36	21.16	20.95	22.5
		36	19	21.11	21.05	21.39	21.09	20.99	22.5
		36	39	21.27	21.13	21.12	20.89	20.8	22.5
		75	0	21.27	21.32	21.49	21.07	20.84	22.5
	256QAM	1	0	19.00	19.08	19.19	18.95	18.82	20.5
		1	37	19.04	19.06	19.40	19.07	18.89	20.5
		1	74	19.05	19.05	19.09	19.06	18.93	20.5
		36	0	19.33	19.20	19.29	19.16	18.71	20.5
		36	19	19.21	19.15	19.39	19.19	18.93	20.5
		36	39	19.22	19.20	19.24	19.01	18.74	20.5
		75	0	19.71	19.67	19.39	19.04	18.76	20.5

BW	Modulation	Channel		39700	40150	40620	41090	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2595	2639	2685	
10M	QPSK	1	0	21.78	21.76	21.73	21.79	21.83	23
		1	24	21.78	21.76	21.73	21.79	21.83	23
		1	49	21.71	21.78	21.73	21.64	21.68	23
		25	0	21.60	21.76	21.60	21.64	21.72	23
		25	12	21.69	21.78	21.68	21.7	21.68	23
		25	25	21.59	21.67	21.59	21.70	21.61	23
	16QAM	1	0	21.66	21.75	21.69	21.74	21.76	23
		1	24	21.68	21.63	21.72	21.66	21.73	23
		1	49	21.61	21.52	21.56	21.54	21.65	23
		25	0	21.34	21.32	21.66	21.52	21.7	23
		25	12	21.59	21.47	21.26	21.52	21.68	23
		25	25	21.52	21.45	21.72	21.56	21.46	23
	64QAM	1	0	21.52	21.45	21.72	21.56	21.46	23
		1	24	21.75	21.54	21.59	21.56	21.46	23
		1	49	21.37	21.35	21.25	21.73	21.73	23
		25	0	21.30	21.20	21.49	21.36	21.59	23
		25	12	21.27	21.35	21.24	21.57	21.29	23
		25	25	21.17	21.27	21.35	21.24	21.57	23
	256QAM	1	0	19.17	19.15	19.36	19.49	19.31	20.5
		1	24	19.07	19.06	19.23	19.13	19.22	20.5
		1	49	19.07	19.07	19.06	19.06	19.06	20.5
		25	0	19.07	19.15	19.36	19.49	19.31	20.5
		25	12	19.13	17.96	19.39	19.43	19.38	19.5
		25	25	19.44	19.42	19.39	19.43	19.38	19.5

BW	Modulation	Channel		39675	40140	40620	41090	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.0	2595	2643.5

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LTE Band 42 FCC Part27Q_Ant1

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequency (MHz)		3460	3500	3540	
20M	QPSK	1	0	19.66	19.64	19.82	20.5
		1	50	**19.94**	19.75	19.68	20.5
		1	99	19.84	19.66	19.75	20.5
		50	0	19.88	19.76	19.84	20.5
		50	25	19.70	19.68	19.78	20.5
		50	50	19.89	19.72	19.64	20.5
		100	0	19.90	19.89	19.70	20.5
	16QAM	1	0	19.83	19.82	19.92	20.5
		1	50	19.72	19.67	19.64	20.5
		1	99	19.63	19.67	19.76	20.5
		50	0	19.86	19.85	19.88	20.5
		50	25	19.75	19.82	19.88	20.5
		50	50	19.61	19.62	19.71	20.5
		100	0	19.73	19.83	19.85	20.5
	64QAM	1	0	19.85	19.84	19.66	20.5
		1	50	19.83	19.62	19.90	20.5
		1	99	19.85	19.90	19.76	20.5
		50	0	19.89	19.83	19.79	20.5
		50	25	19.93	19.82	19.70	20.5
		50	50	19.88	19.76	19.62	20.5
		100	0	19.90	19.85	19.74	20.5
	256QAM	1	0	17.62	17.60	17.51	18.5
		1	50	17.71	17.61	17.47	18.5
		1	99	17.67	17.64	17.59	18.5
		50	0	17.85	17.73	17.68	18.5
		50	25	17.90	17.82	17.81	18.5
		50	50	17.86	17.72	17.70	18.5
		100	0	17.88	17.78	17.64	18.5
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequency (MHz)		3457.5	3500	3542.5	
15M	QPSK	1	0	19.55	19.52	19.74	20.5
		1	37	19.87	19.64	19.57	20.5
		1	74	19.76	19.66	19.68	20.5
		36	0	19.79	19.67	19.81	20.5
		36	19	19.56	19.60	19.74	20.5
		36	39	19.88	19.58	19.49	20.5
		75	0	19.75	19.85	19.68	20.5
	16QAM	1	0	19.73	19.69	19.68	20.5
		1	37	19.57	19.65	19.61	20.5
		1	74	19.58	19.65	19.63	20.5
		36	0	19.75	19.77	19.86	20.5
		36	19	19.71	19.76	19.73	20.5
		36	39	19.59	19.54	19.60	20.5
		75	0	19.61	19.60	19.74	20.5
	64QAM	1	0	19.82	19.80	19.52	20.5
		1	37	19.69	19.60	19.82	20.5
		1	74	19.71	19.90	19.71	20.5
		36	0	19.76	19.71	19.74	20.5
		36	19	19.91	19.68	19.60	20.5
		36	39	19.81	19.66	19.54	20.5
		75	0	19.88	19.72	19.73	20.5
	256QAM	1	0	17.54	17.45	17.44	18.5
		1	37	17.57	17.51	17.34	18.5
		1	74	17.59	17.57	17.56	18.5
		36	0	17.83	17.72	17.64	18.5
		36	19	17.82	17.73	17.71	18.5
		36	39	17.77	17.60	17.64	18.5
		75	0	17.81	17.77	17.56	18.5
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequency (MHz)		3455	3500	3545	
10M	QPSK	1	0	19.52	19.50	19.69	20.5
		1	24	19.86	19.55	19.47	20.5
		1	49	19.66	19.62	19.54	20.5
		25	0	19.75	19.63	19.67	20.5
		25	12	19.48	19.47	19.72	20.5
		25	25	19.82	19.51	19.35	20.5
		50	0	19.66	19.81	19.65	20.5
	16QAM	1	0	19.70	19.57	19.53	20.5
		1	24	19.44	19.58	19.52	20.5
		1	49	19.48	19.56	19.60	20.5
		25	0	19.72	19.75	19.71	20.5
		25	12	19.66	19.76	19.67	20.5
		25	25	19.56	19.48	19.50	20.5
		50	0	19.47	19.45	19.63	20.5
	64QAM	1	0	19.76	19.68	19.39	20.5
		1	24	19.66	19.45	19.67	20.5
		1	49	19.59	19.79	19.59	20.5
		25	0	19.83	19.57	19.66	20.5
		25	12	19.82	19.55	19.45	20.5
		25	25	19.79	19.64	19.51	20.5
		50	0	19.73	19.64	19.62	20.5
	256QAM	1	0	17.43	17.38	17.43	18.5
		1	24	17.48	17.46	17.19	18.5
		1	49	17.53	17.47	17.46	18.5
		25	0	17.75	17.62	17.63	18.5
		25	12	17.69	17.71	17.69	18.5
		25	25	17.71	17.60	17.59	18.5
		50	0	17.71	17.73	17.45	18.5
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequency (MHz)		3452.5	3500	3547.5	
5M	QPSK	1	0	19.42	19.45	19.64	20.5
		1	12	19.72	19.51	19.36	20.5
		1	24	19.53	19.55	19.39	20.5
		12	0	19.60	19.60	19.56	20.5
		12	6	19.36	19.42	19.65	20.5
		12	13	19.76	19.46	19.25	20.5
		25	0	19.53	19.70	19.59	20.5
	16QAM	1	0	19.58	19.44	19.52	20.5
		1	12	19.39	19.51	19.51	20.5
		1	24	19.46	19.56	19.45	20.5
		12	0	19.66	19.65	19.65	20.5
		12	6	19.59	19.66	19.52	20.5
		12	13	19.45	19.39	19.40	20.5
		25	0	19.39	19.45	19.48	20.5
	64QAM	1	0	19.66	19.55	19.33	20.5
		1	12	19.66	19.34	19.60	20.5
		1	24	19.48	19.65	19.48	20.5
		12	0	19.77	19.72	19.71	20.5
		12	6	19.90	19.67	19.62	20.5
		12	13	19.85	19.74	19.60	20.5
		25	0	19.77	19.71	19.67	20.5
	256QAM	1	0	17.49	17.55	17.40	18.5
		1	12	17.59	17.53	17.38	18.5
		1	24	17.65	17.61	17.48	18.5
		12	0	17.71	17.63	17.67	18.5
		12	6	17.79	17.70	17.71	18.5
		12	13	17.74	17.59	17.69	18.5
		25	0	17.78	17.65	17.60	18.5

LTE Band 42 FCC Part96_Ant1

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43340	43490	
		Frequency (MHz)		3560	3575	3590	
20M	QPSK	1	0	19.51	19.42	19.43	20.5
		1	50	**19.76**	19.60	19.50	20.5
		1	99	19.56	19.50	19.44	20.5
		50	0	19.60	19.58	19.61	20.5
		50	25	19.34	19.36	19.44	20.5
		50	50	19.42	19.58	19.53	20.5
		100	0	19.60	19.48	19.40	20.5
	16QAM	1	0	19.37	19.46	19.40	20.5
		1	50	19.53	19.42	19.52	20.5
		1	99	19.58	19.41	19.38	20.5
		50	0	19.49	19.39	19.60	20.5
		50	25	19.51	19.43	19.62	20.5
		50	50	19.53	19.58	19.61	20.5
		100	0	19.45	19.58	19.55	20.5
	64QAM	1	0	19.54	19.45	19.34	20.5
		1	50	19.61	19.56	19.59	20.5
		1	99	19.40	19.42	19.55	20.5
		50	0	19.70	19.56	19.67	20.5
		50	25	19.74	19.59	19.65	20.5
		50	50	19.75	19.66	19.65	20.5
		100	0	19.71	19.58	19.60	20.5
	256QAM	1	0	17.49	17.34	17.40	18.5
		1	50	17.52	17.44	17.45	18.5
		1	99	17.59	17.57	17.47	18.5
		50	0	17.67	17.57	17.52	18.5
		50	25	17.70	17.63	17.64	18.5
		50	50	17.63	17.48	17.49	18.5
		100	0	17.65	17.58	17.53	18.5
BW	MCS Index	Channel		43165	43340	43515	Max. Tune-up
		Frequency (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	19.46	19.36	19.42	20.5
		1	37	19.68	19.51	19.41	20.5
		1	74	19.43	19.45	19.41	20.5
		36	0	19.49	19.50	19.54	20.5
		36	19	19.23	19.34	19.30	20.5
		36	39	19.31	19.54	19.39	20.5
		75	0	19.60	19.35	19.38	20.5
	16QAM	1	0	19.32	19.41	19.29	20.5
		1	37	19.45	19.35	19.42	20.5
		1	74	19.56	19.26	19.36	20.5
		36	0	19.54	19.60	19.58	20.5
		36	19	19.39	19.43	19.62	20.5
		36	39	19.52	19.52	19.51	20.5
		75	0	19.30	19.54	19.52	20.5
	64QAM	1	0	19.40	19.36	19.21	20.5
		1	37	19.57	19.42	19.53	20.5
		1	74	19.37	19.42	19.47	20.5
		36	0	19.56	19.55	19.52	20.5
		36	19	19.59	19.54	19.62	20.5
		36	39	19.73	19.54	19.56	20.5
		75	0	19.63	19.55	19.49	20.5
	256QAM	1	0	17.45	17.28	17.30	18.5
		1	37	17.48	17.35	17.33	18.5
		1	74	17.58	17.43	17.36	18.5
		36	0	17.63	17.51	17.43	18.5
		36	19	17.69	17.62	17.50	18.5
		36	39	17.60	17.45	17.38	18.5
		75	0	17.58	17.43	17.43	18.5
BW	MCS Index	Channel		43140	43340	43540	Max. Tune-up
		Frequency (MHz)		3555	3575	3595	
10M	QPSK	1	0	19.35	19.36	19.29	20.5
		1	24	19.57	19.44	19.27	20.5
		1	49	19.37	19.45	19.32	20.5
		25	0	19.48	19.42	19.47	20.5
		25	12	19.16	19.22	19.24	20.5
		25	25	19.28	19.48	19.25	20.5
		50	0	19.55	19.21	19.36	20.5
	16QAM	1	0	19.28	19.33	19.22	20.5
		1	24	19.42	19.26	19.33	20.5
		1	49	19.49	19.13	19.21	20.5
		25	0	19.30	19.33	19.56	20.5
		25	12	19.34	19.41	19.47	20.5
		25	25	19.46	19.42	19.38	20.5
		50	0	19.23	19.49	19.51	20.5
	64QAM	1	0	19.39	19.27	19.18	20.5
		1	24	19.48	19.32	19.49	20.5
		1	49	19.25	19.36	19.36	20.5
		25	0	19.52	19.35	19.40	20.5
		25	12	19.55	19.38	19.48	20.5
		25	25	19.59	19.44	19.51	20.5
		50	0	19.48	19.54	19.39	20.5
	256QAM	1	0	17.19	17.25	17.18	18.5
		1	24	17.31	17.19	17.29	18.5
		1	49	17.54	17.45	17.44	18.5
		25	0	17.52	17.41	17.24	18.5
		25	12	17.56	17.53	17.50	18.5
		25	25	17.33	17.33	17.44	18.5
		50	0	17.41	17.44	17.33	18.5
BW	MCS Index	Channel		43115	43340	43565	Max. Tune-up
		Frequency (MHz)		3552.5	3575	3597.5	
5M	QPSK	1	0	19.32	19.29	19.22	20.5
		1	12	19.42	19.29	19.27	20.5
		1	24	19.25	19.38	19.31	20.5
		12	0	19.42	19.42	19.43	20.5
		12	6	19.16	19.09	19.24	20.5
		12	13	19.36	19.34	19.21	20.5
		25	0	19.51	19.21	19.24	20.5
	16QAM	1	0	19.14	19.29	19.22	20.5
		1	12	19.41	19.22	19.31	20.5
		1	24	19.43	19.06	19.06	20.5
		12	0	19.28	19.36	19.30	20.5
		12	6	19.32	19.37	19.41	20.5
		12	13	19.31	19.36	19.36	20.5
		25	0	19.13	19.37	19.45	20.5
	64QAM	1	0	19.32	19.16	19.18	20.5
		1	12	19.40	19.25	19.46	20.5
		1	24	19.25	19.33	19.32	20.5
		12	0	19.61	19.47	19.65	20.5
		12	6	19.62	19.58	19.54	20.5
		12	13	19.63	19.61	19.59	20.5
		25	0	19.65	19.57	19.53	20.5
	256QAM	1	0	17.36	17.28	17.38	18.5
		1	12	17.38	17.30	17.40	18.5
		1	24	17.48	17.42	17.41	18.5
		12	0	17.59	17.45	17.50	18.5
		12	6	17.68	17.53	17.62	18.5
		12	13	17.60	17.47	17.35	18.5
		25	0	17.58	17.49	17.50	18.5

LTE Band 42 FCC Part27Q_Ant2

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequency (MHz)		3460	3500	3540	
20M	QPSK	1	0	21.62	21.77	21.78	22.5
		1	50	**21.85**	21.78	21.84	22.5
		1	99	21.76	21.55	21.80	22.5
		50	0	21.82	21.61	21.73	22.5
		50	25	21.81	21.80	21.74	22.5
		50	50	21.58	21.60	21.56	22.5
		100	0	21.84	21.83	21.60	22.5
	16QAM	1	0	21.82	21.76	21.57	22.5
		1	50	21.67	21.84	21.62	22.5
		1	99	21.64	21.63	21.84	22.5
		50	0	21.66	21.63	21.64	22.5
		50	25	21.61	21.72	21.58	22.5
		50	50	21.70	21.73	21.62	22.5
		100	0	21.66	21.82	21.55	22.5
	64QAM	1	0	21.70	21.71	21.67	22.5
		1	50	21.66	21.81	21.77	22.5
		1	99	21.76	21.55	21.81	22.5
		50	0	21.80	21.51	21.26	22.5
		50	25	21.83	21.44	21.24	22.5
		50	50	21.82	21.62	21.38	22.5
		100	0	21.80	21.61	21.26	22.5
	256QAM	1	0	19.77	19.63	19.11	20.5
		1	50	19.63	19.58	19.31	20.5
		1	99	19.68	19.61	19.18	20.5
		50	0	19.82	19.81	19.32	20.5
		50	25	19.80	19.68	19.29	20.5
		50	50	19.81	19.67	19.32	20.5
		100	0	19.79	19.73	19.21	20.5
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequency (MHz)		3457.5	3500	3542.5	
15M	QPSK	1	0	21.58	21.76	21.72	22.5
		1	37	21.72	21.63	21.74	22.5
		1	74	21.62	21.52	21.77	22.5
		36	0	21.62	21.60	21.59	22.5
		36	19	21.79	21.77	21.60	22.5
		36	39	21.57	21.49	21.43	22.5
		75	0	21.72	21.76	21.58	22.5
	16QAM	1	0	21.73	21.72	21.46	22.5
		1	37	21.66	21.78	21.61	22.5
		1	74	21.62	21.48	21.72	22.5
		36	0	21.54	21.60	21.62	22.5
		36	19	21.48	21.63	21.56	22.5
		36	39	21.58	21.61	21.53	22.5
		75	0	21.53	21.70	21.42	22.5
	64QAM	1	0	21.56	21.68	21.65	22.5
		1	37	21.58	21.72	21.71	22.5
		1	74	21.70	21.50	21.76	22.5
		36	0	21.65	21.36	21.21	22.5
		36	19	21.70	21.40	21.17	22.5
		36	39	21.77	21.50	21.32	22.5
		75	0	21.67	21.52	21.23	22.5
	256QAM	1	0	19.73	19.62	19.03	20.5
		1	37	19.48	19.57	19.30	20.5
		1	74	19.61	19.53	19.16	20.5
		36	0	19.70	19.70	19.31	20.5
		36	19	19.70	19.60	19.16	20.5
		36	39	19.75	19.62	19.31	20.5
		75	0	19.78	19.72	19.14	20.5
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequency (MHz)		3455	3500	3545	
10M	QPSK	1	0	21.58	21.61	21.68	22.5
		1	24	21.66	21.57	21.72	22.5
		1	49	21.61	21.46	21.72	22.5
		25	0	21.54	21.57	21.53	22.5
		25	12	21.72	21.67	21.54	22.5
		25	25	21.47	21.35	21.35	22.5
		50	0	21.71	21.67	21.53	22.5
	16QAM	1	0	21.73	21.60	21.35	22.5
		1	24	21.61	21.76	21.50	22.5
		1	49	21.57	21.33	21.72	22.5
		25	0	21.54	21.55	21.45	22.5
		25	12	21.41	21.51	21.50	22.5
		25	25	21.58	21.56	21.32	22.5
		50	0	21.41	21.66	21.33	22.5
	64QAM	1	0	21.51	21.61	21.50	22.5
		1	24	21.52	21.57	21.58	22.5
		1	49	21.70	21.48	21.64	22.5
		25	0	21.72	21.44	21.16	22.5
		25	12	21.73	21.29	21.16	22.5
		25	25	21.78	21.53	21.28	22.5
		50	0	21.70	21.46	21.17	22.5
	256QAM	1	0	19.75	19.56	19.07	20.5
		1	24	19.60	19.47	19.25	20.5
		1	49	19.62	19.47	19.11	20.5
		25	0	19.70	19.69	19.22	20.5
		25	12	19.66	19.60	19.27	20.5
		25	25	19.73	19.61	19.24	20.5
		50	0	19.67	19.67	19.11	20.5
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequency (MHz)		3452.5	3500	3547.5	
5M	QPSK	1	0	21.45	21.58	21.57	22.5
		1	12	21.51	21.48	21.70	22.5
		1	24	21.59	21.42	21.58	22.5
		12	0	21.46	21.52	21.30	22.5
		12	6	21.64	21.54	21.53	22.5
		12	13	21.37	21.35	21.31	22.5
		25	0	21.64	21.66	21.49	22.5
	16QAM	1	0	21.70	21.55	21.25	22.5
		1	12	21.48	21.68	21.47	22.5
		1	24	21.49	21.31	21.66	22.5
		12	0	21.40	21.53	21.41	22.5
		12	6	21.40	21.47	21.37	22.5
		12	13	21.56	21.55	21.42	22.5
		25	0	21.39	21.60	21.30	22.5
	64QAM	1	0	21.46	21.54	21.52	22.5
		1	12	21.43	21.51	21.55	22.5
		1	24	21.62	21.42	21.64	22.5
		12	0	21.63	21.45	21.09	22.5
		12	6	21.57	21.24	21.14	22.5
		12	13	21.57	21.50	21.15	22.5
		25	0	21.61	21.53	21.16	22.5
	256QAM	1	0	19.51	19.39	18.98	20.5
		1	12	19.47	19.39	19.12	20.5
		1	24	19.49	19.46	19.00	20.5
		12	0	19.62	19.62	19.04	20.5
		12	6	19.54	19.48	19.12	20.5
		12	13	19.54	19.56	19.14	20.5
		25	0	19.66	19.64	18.91	20.5

LTE Band 42 FCC Part96_Ant2

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43340	43490	
		Frequency (MHz)		3560	3575	3590	
20M	QPSK	1	0	21.34	21.41	21.58	22.5
		1	50	21.48	21.50	**21.60**	22.5
		1	99	21.47	21.30	21.34	22.5
		50	0	21.34	21.54	21.32	22.5
		50	25	21.41	21.55	21.30	22.5
		50	50	21.48	21.56	21.58	22.5
		100	0	21.58	21.42	21.59	22.5
	16QAM	1	0	21.54	21.49	21.37	22.5
		1	50	21.49	21.40	21.49	22.5
		1	99	21.33	21.36	21.40	22.5
		50	0	21.32	21.45	21.59	22.5
		50	25	21.36	21.47	21.44	22.5
		50	50	21.30	21.30	21.53	22.5
		100	0	21.53	21.51	21.39	22.5
	64QAM	1	0	21.54	21.39	21.46	22.5
		1	50	21.58	21.47	21.58	22.5
		1	99	21.47	21.41	21.51	22.5
		50	0	21.37	21.31	21.38	22.5
		50	25	21.37	21.28	21.39	22.5
		50	50	21.35	21.39	21.44	22.5
		100	0	21.36	21.29	21.39	22.5
	256QAM	1	0	19.15	19.18	19.26	20.5
		1	50	19.42	19.34	19.44	20.5
		1	99	19.15	19.14	19.26	20.5
		50	0	19.33	19.34	19.37	20.5
		50	25	19.37	19.36	19.41	20.5
		50	50	19.27	19.39	19.40	20.5
		100	0	19.24	19.33	19.36	20.5
BW	MCS Index	Channel		43165	43340	43515	Max. Tune-up
		Frequency (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	21.21	21.32	21.44	22.5
		1	37	21.42	21.49	21.57	22.5
		1	74	21.37	21.26	21.19	22.5
		36	0	21.29	21.43	21.18	22.5
		36	19	21.41	21.48	21.28	22.5
		36	39	21.38	21.51	21.57	22.5
		75	0	21.44	21.31	21.46	22.5
	16QAM	1	0	21.49	21.49	21.26	22.5
		1	37	21.38	21.34	21.34	22.5
		1	74	21.25	21.25	21.31	22.5
		36	0	21.32	21.31	21.53	22.5
		36	19	21.24	21.44	21.33	22.5
		36	39	21.27	21.20	21.38	22.5
		75	0	21.44	21.45	21.26	22.5
	64QAM	1	0	21.41	21.34	21.44	22.5
		1	37	21.44	21.41	21.57	22.5
		1	74	21.42	21.27	21.44	22.5
		36	0	21.36	21.28	21.26	22.5
		36	19	21.31	21.19	21.27	22.5
		36	39	21.25	21.25	21.30	22.5
		75	0	21.32	21.23	21.35	22.5
	256QAM	1	0	19.12	19.09	19.25	20.5
		1	37	19.36	19.20	19.43	20.5
		1	74	19.11	19.12	19.24	20.5
		36	0	19.30	19.27	19.27	20.5
		36	19	19.27	19.35	19.38	20.5
		36	39	19.16	19.26	19.27	20.5
		75	0	19.12	19.31	19.23	20.5
BW	MCS Index	Channel		43140	43340	43540	Max. Tune-up
		Frequency (MHz)		3555	3575	3595	
10M	QPSK	1	0	21.16	21.29	21.43	22.5
		1	24	21.28	21.40	21.42	22.5
		1	49	21.37	21.13	21.11	22.5
		25	0	21.21	21.37	21.14	22.5
		25	12	21.26	21.44	21.14

LTE DSI3

LTE Band 42 FCC Part27Q_Ant3

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequency (MHz)		3460	3500	3540	
20M	QPSK	1	0	21.39	21.40	21.16	21.5
		1	50	**21.43**	21.41	21.25	21.5
		1	99	21.29	21.23	21.20	21.5
		50	0	21.16	21.21	21.23	21.5
		50	25	21.32	21.26	21.38	21.5
		50	50	21.28	21.25	21.16	21.5
		100	0	21.38	21.37	21.24	21.5
	16QAM	1	0	21.40	21.42	21.17	21.5
		1	50	21.21	21.24	21.17	21.5
		1	99	21.13	21.28	21.41	21.5
		50	0	21.35	21.12	21.21	21.5
		50	25	21.27	21.22	21.26	21.5
		50	50	21.15	21.28	21.34	21.5
		100	0	21.41	21.27	21.33	21.5
	64QAM	1	0	21.20	21.34	21.26	21.5
		1	50	21.34	21.20	21.42	21.5
		1	99	21.31	21.33	21.41	21.5
		50	0	21.34	21.29	21.17	21.5
		50	25	21.12	21.26	21.12	21.5
		50	50	21.42	21.40	21.15	21.5
		100	0	21.21	21.20	21.34	21.5
	256QAM	1	0	19.36	19.09	19.07	19.5
		1	50	19.34	19.18	19.10	19.5
		1	99	19.19	18.95	18.81	19.5
		50	0	19.47	19.16	19.13	19.5
		50	25	19.50	19.18	19.05	19.5
		50	50	19.38	19.07	19.02	19.5
		100	0	19.47	19.19	19.16	19.5
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequency (MHz)		3457.5	3500	3542.5	
15M	QPSK	1	0	21.27	21.33	21.02	21.5
		1	37	21.29	21.27	21.11	21.5
		1	74	21.23	21.21	21.18	21.5
		36	0	21.06	21.15	21.13	21.5
		36	19	21.24	21.13	21.38	21.5
		36	39	21.24	21.15	21.02	21.5
		75	0	21.28	21.25	21.09	21.5
	16QAM	1	0	21.31	21.39	21.06	21.5
		1	37	21.13	21.15	21.06	21.5
		1	74	20.98	21.17	21.27	21.5
		36	0	21.33	21.06	21.12	21.5
		36	19	21.21	21.07	21.12	21.5
		36	39	21.04	21.24	21.33	21.5
		75	0	21.37	21.26	21.29	21.5
	64QAM	1	0	21.19	21.28	21.11	21.5
		1	37	21.30	21.24	21.30	21.5
		1	74	21.21	21.33	21.33	21.5
		36	0	21.36	21.26	21.26	21.5
		36	19	21.31	21.19	21.27	21.5
		36	39	21.25	21.25	21.30	21.5
		75	0	21.32	21.23	21.35	21.5
	256QAM	1	0	19.27	19.04	18.99	19.5
		1	37	19.19	19.11	18.96	19.5
		1	74	19.18	18.83	18.72	19.5
		36	0	19.45	19.04	19.06	19.5
		36	19	19.46	19.12	18.97	19.5
		36	39	19.23	18.97	18.89	19.5
		75	0	19.42	19.09	19.14	19.5
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequency (MHz)		3455	3500	3545	
10M	QPSK	1	0	21.12	21.18	20.95	21.5
		1	24	21.15	21.26	21.01	21.5
		1	49	21.21	21.11	21.10	21.5
		25	0	20.97	21.03	21.05	21.5
		25	12	21.20	21.01	21.31	21.5
		25	25	21.22	21.15	20.99	21.5
		50	0	21.23	21.11	20.99	21.5
	16QAM	1	0	21.21	21.25	20.94	21.5
		1	24	21.09	21.06	21.01	21.5
		1	49	20.83	21.13	21.13	21.5
		25	0	21.25	20.93	21.03	21.5
		25	12	21.15	20.92	21.05	21.5
		25	25	20.98	21.14	21.32	21.5
		50	0	21.29	21.16	21.21	21.5
	64QAM	1	0	21.04	21.28	21.03	21.5
		1	24	21.16	21.10	21.23	21.5
		1	49	21.19	21.23	21.22	21.5
		25	0	21.30	21.18	21.25	21.5
		25	12	21.24	21.19	21.36	21.5
		25	25	21.30	21.31	21.33	21.5
		50	0	21.29	21.16	21.26	21.5
	256QAM	1	0	19.19	18.99	18.91	19.5
		1	24	19.13	19.09	18.84	19.5
		1	49	19.17	18.72	18.61	19.5
		25	0	19.34	18.90	18.92	19.5
		25	12	19.44	18.98	18.89	19.5
		25	25	19.15	18.90	18.84	19.5
		50	0	19.35	19.06	19.02	19.5
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequency (MHz)		3452.5	3500	3547.5	
5M	QPSK	1	0	21.12	21.14	20.91	21.5
		1	12	21.00	21.25	20.91	21.5
		1	24	21.15	21.07	21.10	21.5
		12	0	20.85	21.01	21.05	21.5
		12	6	21.08	20.89	21.25	21.5
		12	13	21.09	21.02	20.99	21.5
		25	0	21.10	20.98	20.87	21.5
	16QAM	1	0	21.12	21.11	20.84	21.5
		1	12	21.06	21.01	20.97	21.5
		1	24	20.81	21.06	21.11	21.5
		12	0	21.17	20.85	20.91	21.5
		12	6	21.01	20.89	21.01	21.5
		12	13	20.85	21.05	21.23	21.5
		25	0	21.16	21.03	21.09	21.5
	64QAM	1	0	20.90	21.20	20.98	21.5
		1	12	21.06	21.05	21.11	21.5
		1	24	21.05	21.19	21.12	21.5
		12	0	21.24	21.17	21.32	21.5
		12	6	21.10	21.07	21.17	21.5
		12	13	21.24	21.21	21.34	21.5
		25	0	21.08	21.14	21.35	21.5
	256QAM	1	0	19.25	19.03	19.06	19.5
		1	12	19.24	19.10	19.06	19.5
		1	24	19.05	18.90	18.74	19.5
		12	0	19.42	19.15	19.05	19.5
		12	6	19.46	19.15	19.00	19.5
		12	13	19.31	19.06	18.98	19.5
		25	0	19.33	19.17	19.11	19.5

LTE Band 42 FCC Part96_Ant3

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43340	43490	
		Frequency (MHz)		3560	3575	3590	
20M	QPSK	1	0	20.98	21.14	21.14	21.5
		1	50	**21.23**	21.18	21.15	21.5
		1	99	21.05	21.12	20.99	21.5
		50	0	21.27	21.06	21.09	21.5
		50	25	21.22	21.16	21.17	21.5
		50	50	20.98	21.09	21.13	21.5
		100	0	21.16	21.11	21.01	21.5
	16QAM	1	0	21.00	21.17	20.99	21.5
		1	50	21.02	21.13	21.00	21.5
		1	99	21.19	21.02	21.10	21.5
		50	0	21.00	21.06	21.21	21.5
		50	25	21.02	21.17	21.07	21.5
		50	50	20.94	21.15	20.97	21.5
		100	0	21.20	20.97	21.13	21.5
	64QAM	1	0	21.04	21.05	21.19	21.5
		1	50	21.03	21.00	20.94	21.5
		1	99	21.13	21.17	21.00	21.5
		50	0	21.17	21.08	21.16	21.5
		50	25	21.19	21.15	21.07	21.5
		50	50	20.97	20.97	20.98	21.5
		100	0	21.17	21.09	20.96	21.5
	256QAM	1	0	19.18	19.10	19.15	19.5
		1	50	19.24	19.24	19.23	19.5
		1	99	19.04	18.98	19.09	19.5
		50	0	19.30	19.31	19.24	19.5
		50	25	19.29	19.29	19.24	19.5
		50	50	19.15	19.19	19.21	19.5
		100	0	19.31	19.34	19.31	19.5
BW	MCS Index	Channel		43165	43340	43515	Max. Tune-up
		Frequency (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	20.94	21.02	21.02	21.5
		1	37	21.19	21.09	21.12	21.5
		1	74	20.91	21.05	20.96	21.5
		36	0	21.21	20.92	21.02	21.5
		36	19	21.07	21.03	21.12	21.5
		36	39	20.83	20.95	21.09	21.5
		75	0	21.02	21.01	20.91	21.5
	16QAM	1	0	20.91	21.08	20.88	21.5
		1	37	20.95	21.09	20.97	21.5
		1	74	21.12	20.93	21.04	21.5
		36	0	20.97	21.03	21.10	21.5
		36	19	20.90	21.05	21.05	21.5
		36	39	20.82	21.03	20.90	21.5
		75	0	21.12	20.86	21.01	21.5
	64QAM	1	0	20.90	21.02	21.07	21.5
		1	37	20.96	21.00	20.82	21.5
		1	74	21.00	21.06	20.99	21.5
		36	0	21.16	21.07	21.02	21.5
		36	19	21.16	21.07	20.93	21.5
		36	39	20.92	20.96	20.84	21.5
		75	0	21.02	21.04	20.95	21.5
	256QAM	1	0	19.17	18.95	19.08	19.5
		1	37	19.21	19.14	19.09	19.5
		1	74	18.91	18.92	18.98	19.5
		36	0	19.24	19.25	19.14	19.5
		36	19	19.17	19.18	19.09	19.5
		36	39	19.13	19.14	19.20	19.5
		75	0	19.16	19.26	19.19	19.5
BW	MCS Index	Channel		43140	43340	43540	Max. Tune-up
		Frequency (MHz)		3555	3575	3595	
10M	QPSK	1	0	20.93	20.98	20.90	21.5
		1	24	21.17	21.08	21.00	21.5
		1	49	20.90	20.95	20.93	21.5
		25	0	21.06	20.80	20.91	21.5
		25	12	20.98	21.03	20.97	21.5
		25	25	20.81	20.84	20.97	21.5
		50	0	20.87	20.88	20.88	21.5
	16QAM	1	0	20.91	21.08	20.94	21.5
		1	24	20.80	21.00	20.89	21.5
		1	49	20.98	20.92	20.94	21.5
		25	0	20.83	20.94	21.03	21.5
		25	12	20.77	20.90	20.91	21.5
		25	25	20.78	20.85	20.78	21.5
		50	0	20.97	20.78	20.97	21.5
	64QAM	1	0	20.81	20.99	21.00	21.5
		1	24	20.93	20.90	20.71	21.5
		1	49	20.87	20.91	20.90	21.5
		25	0	21.07	21.02	20.82	21.5
		25	12	21.08	21.07	20.82	21.5
		25	25	20.86	20.84	20.73	21.5
		50	0	20.96	20.94	20.86	21.5
	256QAM	1	0	19.07	18.98	19.04	19.5
		1	24	19.03	19.18	19.05	19.5
		1	49	18.86	18.78	18.87	19.5
		25	0	19.20	19.04	19.01	19.5
		25	12	19.16	19.20	18.98	19.5
		25	25	18.91	19.00	19.12	19.5
		50	0	19.08	19.10	19.25	19.5
BW	MCS Index	Channel		43115	43340	43565	Max. Tune-up
		Frequency (MHz)		3552.5	3575	3597.5	
5M	QPSK	1	0	20.93	20.95	20.81	21.5
		1	12	21.06	20.98	20.86	21.5
		1	24	20.79	20.94	20.81	21.5
		12	0	20.91	20.71	20.81	21.5
		12	6	20.96	20.94	20.82	21.5
		12	13	20.77	20.76	20.97	21.5
		25	0	20.85	20.81	20.87	21.5
	16QAM	1	0	20.79	21.05	20.82	21.5
		1	12	20.68	20.86	20.80	21.5
		1	24	20.91	20.79	20.86	21.5
		12	0	20.77	20.76	20.77	21.5
		12	6	20.76	20.78	20.90	21.5
		12	13	20.74	20.78	20.64	21.5
		25	0	20.91	20.70	20.89	21.5
	64QAM	1	0	20.77	20.77	20.77	21.5
		1	12	20.83	20.80	20.71	21.5
		1	24	20.81	20.91	20.77	21.5
		12	0	21.05	21.01	20.88	21.5
		12	6	20.96	20.95	20.71	21.5
		12	13	20.71	20.75	20.68	21.5
		25	0	20.84	20.86	20.82	21.5
	256QAM	1	0	18.94	18.94	19.06	19.5
		1	12	19.18	19.02	19.18	19.5
		1	24	18.87	18.92	18.80	19.5
		12	0	19.20	19.03	19.10	19.5
		12	6	19.12	19.10	19.16	19.5
		12	13	19.07	19.04	18.99	19.5
		25	0	19.15	19.20	19.14	19.5

LTE Band 42 FCC Part27Q_Ant7

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequency (MHz)		3460	3500	3540	
20M	QPSK	1	0	18.11	18.27	18.15	19
		1	50	**18.33**	18.29	18.25	19
		1	99	18.18	18.16	18.22	19
		50	0	18.17	18.17	18.25	19
		50	25	18.28	18.19	18.27	19
		50	50	18.11	18.16	18.08	19
		100	0	18.31	18.25	18.08	19
	16QAM	1	0	18.04	18.13	18.23	19
		1	50	18.31	18.27	18.19	19
		1	99	18.10	18.09	18.20	19
		50	0	18.21	18.30	18.19	19
		50	25	18.14	18.08	18.29	19
		50	50	18.16	18.17	18.12	19
		100	0	18.32	18.06	18.06	19
	64QAM	1	0	18.22	18.24	18.19	19
		1	50	18.15	18.09	18.06	19
		1	99	18.16	18.11	18.03	19
		50	0	18.09	18.29	18.19	19
		50	25	18.29	18.12	18.04	19
		50	50	18.20	18.16	18.04	19
		100	0	18.07	18.08	18.08	19
	256QAM	1	0	16.94	17.01	16.91	18
		1	50	17.15	17.03	16.90	18
		1	99	16.75	16.82	16.82	18
		50	0	16.87	17.00	16.89	18
		50	25	16.86	17.01	16.97	18
		50	50	16.87	17.00	16.89	18
		100	0	17.01	17.03	16.90	18
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequency (MHz)		3457.5	3500	3542.5	
15M	QPSK	1	0	17.99	18.14	18.15	19
		1	37	18.30	18.28	18.25	19
		1	74	18.04	18.14	18.19	19
		36	0	18.10	18.08	18.12	19
		36	19	18.28	18.18	18.19	19
		36	39	18.02	18.06	17.97	19
		75	0	18.28	18.10	18.01	19
	16QAM	1	0	17.90	17.98	18.22	19
		1	37	18.20	18.27	18.11	19
		1	74	18.01	18.04	18.15	19
		36	0	18.12	18.21	18.13	19
		36	19	18.05	18.06	18.18	19
		36	39	18.15	18.07	18.02	19
		75	0	18.17	18.00	17.99	19
	64QAM	1	0	18.19	18.16	18.11	19
		1	37	18.01	17.99	18.02	19
		1	74	18.12	17.97	17.88	19
		36	0	18.00	18.16	18.12	19
		36	19	18.15	17.99	17.97	19
		36	39	18.20	18.15	18.03	19
		75	0	17.95	18.02	18.04	19
	256QAM	1	0	16.82	16.87	16.79	18
		1	37	17.13	16.89	16.84	18
		1	74	16.69	16.68	16.80	18
		36	0	16.85	16.98	16.79	18
		36	19	16.74	17.00	16.86	18
		36	39	16.72	16.89	16.77	18
		75	0	16.94	16.98	16.82	18
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequency (MHz)		3455	3500	3545	
10M	QPSK	1	0	17.86	18.14	18.03	19
		1	24	18.25	18.16	18.15	19
		1	49	17.90	18.14	18.04	19
		25	0	18.07	17.95	18.00	19
		25	12	18.23	18.13	18.13	19
		25	25	17.90	18.06	17.93	19
		50	0	18.23	18.07	17.88	19
	16QAM	1	0	17.81	17.97	18.08	19
		1	24	18.07	18.22	18.07	19
		1	49	17.91	18.00	18.02	19
		25	0	18.02	18.06	18.12	19
		25	12	17.91	17.95	18.17	19
		25	25	18.05	18.03	17.89	19
		50	0	18.03	17.87	17.87	19
	64QAM	1	0	18.08	18.13	18.04	19
		1	24	17.89	17.93	17.90	19
		1	49	18.09	17.86	17.88	19
		25	0	17.86	18.08	18.09	19
		25	12	18.07	17.84	17.91	19
		25	25	18.15	18.05	18.01	19
		50	0	17.81	18.00	17.98	19
	256QAM	1	0	16.81	16.87	16.94	18
		1	24	17.13	16.89	16.89	18
		1	49	16.68	16.73	16.69	18
		25	0	16.79	16.97	16.86	18
		25	12	16.76	16.87	16.89	18
		25	25	16.72	16.86	16.75	18
		50	0	16.93	16.98	16.76	18
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequency (MHz)		3452.5	3500	3547.5	
5M	QPSK	1	0	17.78	18.12	18.00	19
		1	12	18.21	18.01	18.09	19
		1	24	17.84	18.08	17.95	19
		12	0	17.93	17.80	17.98	19
		12	6	18.18	18.04	18.07	19
		12	13	17.87	17.95	17.77	19
		25	0	18.08	18.06	17.73	19
	16QAM	1	0	17.78	17.88	17.97	19
		1	12	17.95	18.21	17.98	19
		1	24	17.78	17.94	17.93	19
		12	0	17.99	17.98	18.10	19
		12	6	17.76	17.84	18.10	19
		12	13	18.00	17.94	17.85	19
		25	0	17.89	17.76	17.75	19
	64QAM	1	0	17.99	18.07	18.09	19
		1	12	17.89	17.83	17.80	19
		1	24	18.04	17.77	17.82	19
		12	0	17.79	18.03	18.02	19
		12	6	18.03	17.76	17.86	19
		12	13	18.15	18.02	17.96	19
		25	0	17.71	17.98	17.95	19
	256QAM	1	0	16.90	16.90	16.77	18
		1	12	17.04	16.89	16.75	18
		1	24	16.62	16.79	16.68	18
		12	0	16.84	16.93	16.86	18
		12	6	16.76	16.96	16.87	18
		12	13	16.75	16.86	16.79	18
		25	0	16.93	16.90	16.83	18

LTE Band 42 FCC Part96_Ant7

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43340	43490	
		Frequency (MHz)		3560	3575	3590	
20M	QPSK	1	0	18.16	18.10	17.93	19
		1	50	**18.22**	18.20	18.14	19
		1	99	17.95	18.00	18.07	19
		50	0	17.97	18.00	18.07	19
		50	25	18.15	18.02	18.08	19
		50	50	18.00	18.00	18.11	19
		100	0	18.20	18.06	18.11	19
	16QAM	1	0	17.99	18.16	18.15	19
		1	50	18.18	18.03	18.20	19
		1	99	18.18	18.21	17.99	19
		50	0	18.04	18.09	17.95	19
		50	25	17.96	17.93	18.15	19
		50	50	18.16	18.11	18.18	19
		100	0	18.18	17.91	17.92	19
	64QAM	1	0	17.91	17.97	18.12	19
		1	50	18.13	18.15	18.15	19
		1	99	18.08	18.19	17.99	19
		50	0	18.05	17.94	17.94	19
		50	25	17.91	18.00	18.12	19
		50	50	17.98	18.16	18.04	19
		100	0	18.11	17.94	18.12	19
	256QAM	1	0	17.15	17.27	17.16	18
		1	50	17.18	17.31	17.30	18
		1	99	17.09	16.96	17.01	18
		50	0	17.33	17.20	17.16	18
		50	25	17.28	17.19	17.26	18
		50	50	17.18	17.31	17.38	18
		100	0	17.40	17.37	17.18	18
BW	MCS Index	Channel		43165	43340	43515	Max. Tune-up
		Frequency (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	18.14	18.08	17.88	19
		1	37	18.15	18.20	18.12	19
		1	74	17.95	17.91	17.93	19
		36	0	17.91	18.00	18.06	19
		36	19	18.12	17.97	18.04	19
		36	39	17.91	17.99	18.03	19
		75	0	18.19	17.94	18.11	19
	16QAM	1	0	17.96	18.02	18.03	19
		1	37	18.08	17.89	18.15	19
		1	74	18.05	18.09	17.89	19
		36	0	17.92	18.02	17.89	19
		36	19	17.90	17.86	18.11	19
		36	39	18.12	18.02	18.04	19
		75	0	18.07	17.82	17.83	19
	64QAM	1	0	17.85	17.84	17.97	19
		1	37	17.98	18.09	18.05	19
		1	74	18.05	18.05	17.97	19
		36	0	17.93	17.88	17.82	19
		36	19	17.79	17.97	18.02	19
		36	39	17.91	18.15	17.97	19
		75	0	18.01	17.90	18.09	19
	256QAM	1	0	17.10	17.15	17.07	18
		1	37	17.09	17.19	17.15	18
		1	74	16.97	16.94	16.91	18
		36	0	17.31	17.14	17.15	18
		36	19	17.15	17.11	17.16	18
		36	39	17.11	17.17	17.36	18
		75	0	17.35	17.22	17.05	18
BW	MCS Index	Channel		43140	43340	43540	Max. Tune-up
		Frequency (MHz)		3555	3575	3595	
10M	QPSK	1	0	18.01	18.00	17.81	19
		1	24	18.09	18.20	18.10	19
		1	49	17.84	17.90	17.86	19
		25	0	17.81	17.86	17.96	19
		25	12	18.06	17.96	17.97	19
		25	25	17.87	17.89	17.89	19
		50	0	18.08	17.87	17.99	19
	16QAM	1	0	17.96	17.99	17.80	19
		1	24	18.04	17.80	18.09	19
		1	49	17.91	18.05	17.81	19
		25	0	17.91	17.98	17.83	19
		25	12	17.76	17.83	18.03	19
		25	25	17.97	18.00	17.89	19
		50	0	17.97	17.77	17.78	19
	64QAM	1	0	17.74	17.79

LTE DSI3

LTE Band 48 for SAR_Ant1

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640	
		Frequence (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	20.67	20.58	20.66	20.57	21.5
		1	50	20.48	20.49	20.49	20.41	21.5
		1	99	20.60	20.53	20.61	20.56	21.5
		50	0	20.15	20.12	20.02	20.07	21
		50	25	20.19	20.14	20.12	20.14	21
		50	50	20.23	20.17	20.13	20.21	21
		100	0	20.22	20.15	20.08	20.18	21
	16QAM	1	0	19.87	19.77	19.79	19.82	21
		1	50	19.84	19.82	19.87	19.88	21
		1	99	19.77	19.78	19.83	19.71	21
		50	0	18.75	18.72	18.71	18.78	20
		50	25	18.90	18.90	18.86	18.97	20
		50	50	18.90	18.90	18.82	18.87	20
		100	0	18.76	18.82	18.73	18.82	20
	64QAM	1	0	18.78	18.78	18.79	18.73	20
		1	50	18.90	18.95	18.90	18.88	20
		1	99	18.81	18.90	18.84	18.81	20
		50	0	17.75	17.77	17.78	17.81	19
		50	25	17.88	17.91	17.91	17.87	19
		50	50	17.96	17.82	17.88	17.91	19
		100	0	17.92	17.84	17.86	17.82	19
	256QAM	1	0	15.59	15.60	15.64	15.58	17
		1	50	15.78	15.78	15.72	15.84	17
		1	99	15.75	15.74	15.72	15.7	17
		50	0	15.82	15.89	15.79	15.76	17
		50	25	15.92	15.92	15.99	15.94	17
		50	50	15.88	15.89	15.92	15.91	17
		100	0	15.95	15.89	15.84	15.89	17
BW	MCS Index	Channel		55315	55820	56160	56665	Max. Tune-up
		Frequence (MHz)		3557.5	3608	3642	3692.5	
15M	QPSK	1	0	20.58	20.43	20.54	20.50	21.5
		1	37	20.38	20.45	20.48	20.31	21.5
		1	74	20.60	20.42	20.50	20.56	21.5
		36	0	20.12	20.00	19.89	19.98	21
		36	19	20.15	19.99	20.02	20.13	21
		36	39	20.14	20.08	20.10	20.07	21
		75	0	20.18	20.09	20.03	20.08	21
	16QAM	1	0	19.83	19.65	19.74	19.76	21
		1	37	19.74	19.69	19.85	19.73	21
		1	74	19.65	19.76	19.82	19.68	21
		36	0	18.60	18.62	18.64	18.67	20
		36	19	18.84	18.80	18.80	18.89	20
		36	39	18.79	18.87	18.78	18.78	20
		75	0	18.74	18.81	18.62	18.8	20
	64QAM	1	0	18.77	18.65	18.66	18.66	20
		1	37	18.84	18.92	18.88	18.84	20
		1	74	18.71	18.87	18.79	18.69	20
		36	0	17.70	17.74	17.75	17.66	19
		36	19	17.85	17.85	17.77	17.72	19
		36	39	17.81	17.72	17.81	17.85	19
		75	0	17.82	17.69	17.75	17.71	19
	256QAM	1	0	15.57	15.58	15.63	15.44	17
		1	37	15.63	15.75	15.71	15.74	17
		1	74	15.67	15.66	15.59	15.65	17
		36	0	15.69	15.80	15.70	15.73	17
		36	19	15.87	15.91	15.90	15.82	17
		36	39	15.82	15.83	15.80	15.83	17
		75	0	15.90	15.88	15.76	15.78	17
BW	MCS Index	Channel		55290	55815	56165	56690	Max. Tune-up
		Frequence (MHz)		3555	3607.5	3642.5	3695	
10M	QPSK	1	0	20.55	20.33	20.46	20.39	21.5
		1	24	20.31	20.43	20.42	20.21	21.5
		1	49	20.49	20.37	20.46	20.50	21.5
		25	0	20.08	20.06	20.01	19.94	21
		25	12	20.10	20.03	20.04	20.08	21
		25	25	20.13	20.13	20.07	20.15	21
		50	0	20.21	20.00	19.93	20.03	21
	16QAM	1	0	19.82	19.66	19.78	19.76	21
		1	24	19.75	19.76	19.84	19.86	21
		1	49	19.67	19.77	19.73	19.62	21
		25	0	18.71	18.66	18.69	18.63	20
		25	12	18.79	18.77	18.72	18.91	20
		25	25	18.86	18.86	18.67	18.75	20
		50	0	18.72	18.79	18.63	18.79	20
	64QAM	1	0	18.75	18.63	18.72	18.62	20
		1	24	18.81	18.94	18.84	18.73	20
		1	49	18.76	18.82	18.70	18.73	20
		25	0	17.73	17.67	17.66	17.69	19
		25	12	17.75	17.87	17.82	17.76	19
		25	25	17.93	17.72	17.83	17.88	19
		50	0	17.88	17.72	17.71	17.67	19
	256QAM	1	0	15.45	15.51	15.51	15.44	17
		1	24	15.76	15.73	15.69	15.77	17
		1	49	15.71	15.62	15.70	15.67	17
		25	0	15.72	15.86	15.69	15.62	17
		25	12	15.90	15.85	15.90	15.89	17
		25	25	15.79	15.84	15.85	15.76	17
		50	0	15.84	15.86	15.81	15.83	17
BW	MCS Index	Channel		55265	55810	56170	56715	Max. Tune-up
		Frequence (MHz)		3552.5	3607	3643	3697.5	
5M	QPSK	1	0	20.44	20.26	20.36	20.35	21.5
		1	12	20.28	20.29	20.29	20.19	21.5
		1	24	20.35	20.24	20.34	20.39	21.5
		12	0	20.00	20.05	19.91	19.96	21
		12	6	20.09	20.10	20.02	20.05	21
		12	13	20.11	20.11	20.06	20.09	21
		25	0	20.10	20.03	19.99	20.08	21
	16QAM	1	0	19.81	19.72	19.69	19.79	21
		1	12	19.69	19.71	19.83	19.78	21
		1	24	19.73	19.76	19.78	19.61	21
		12	0	18.63	18.64	18.60	18.68	20
		12	6	18.86	18.83	18.75	18.9	20
		12	13	18.89	18.79	18.80	18.77	20
		25	0	18.61	18.69	18.60	18.73	20
	64QAM	1	0	18.65	18.71	18.75	18.68	20
		1	12	18.80	18.89	18.81	18.8	20
		1	24	18.69	18.82	18.80	18.75	20
		12	0	17.65	17.62	17.74	17.68	19
		12	6	17.79	17.88	17.84	17.77	19
		12	13	17.95	17.78	17.75	17.81	19
		25	0	17.91	17.75	17.74	17.78	19
	256QAM	1	0	15.50	15.45	15.59	15.43	17
		1	12	15.76	15.70	15.64	15.69	17
		1	24	15.66	15.59	15.57	15.61	17
		12	0	15.71	15.82	15.77	15.66	17
		12	6	15.90	15.81	15.90	15.83	17
		12	13	15.78	15.79	15.88	15.86	17
		25	0	15.87	15.83	15.71	15.81	17

LTE Band 48 for SAR_Ant2

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640	
		Frequence (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	20.16	20.07	20.10	20.2	21.5
		1	50	20.35	20.32	20.30	20.33	21.5
		1	99	20.26	20.31	20.28	20.32	21.5
		50	0	20.30	20.20	20.13	20.08	21.5
		50	25	20.19	20.09	20.29	20.19	21.5
		50	50	20.32	20.30	20.30	20.27	21.5
		100	0	20.24	20.14	20.16	20.08	21.5
	16QAM	1	0	20.28	20.27	20.33	20.23	21.5
		1	50	20.16	20.32	20.10	20.14	21.5
		1	99	20.33	20.34	20.22	20.08	21.5
		50	0	20.10	20.10	20.20	20.05	21.5
		50	25	20.09	20.17	20.34	20.33	21.5
		50	50	20.25	20.06	20.27	20.06	21.5
		100	0	20.24	20.09	20.16	20.06	21.5
	64QAM	1	0	20.12	20.20	20.20	20.15	21.5
		1	50	20.13	20.18	20.25	20.25	21.5
		1	99	20.18	20.31	20.05	20.17	21.5
		50	0	19.88	19.83	19.86	19.8	21
		50	25	19.93	19.78	19.79	19.85	21
		50	50	19.91	19.81	19.80	19.88	21
		100	0	19.89	19.86	19.77	19.75	21
	256QAM	1	0	17.83	17.74	17.68	17.76	19
		1	50	17.84	17.77	17.81	17.82	19
		1	99	17.81	17.76	17.79	17.74	19
		50	0	17.94	17.87	17.88	17.83	19
		50	25	17.91	17.86	17.88	17.9	19
		50	50	17.93	17.86	17.81	17.91	19
		100	0	17.92	17.91	17.84	17.9	19
BW	MCS Index	Channel		55315	55820	56160	56665	Max. Tune-up
		Frequence (MHz)		3557.5	3608	3642	3692.5	
15M	QPSK	1	0	20.11	20.00	19.96	20.12	21.5
		1	37	20.34	20.26	20.15	20.21	21.5
		1	74	20.11	20.26	20.15	20.31	21.5
		36	0	20.12	20.00	19.89	19.98	21.5
		36	19	20.15	19.99	20.02	20.13	21.5
		36	39	20.14	20.08	20.10	20.07	21.5
		75	0	20.18	20.09	20.03	20.08	21.5
	16QAM	1	0	19.83	19.65	19.74	19.76	21.5
		1	37	19.74	19.69	19.85	19.73	21.5
		1	74	19.65	19.76	19.82	19.68	21.5
		36	0	18.60	18.62	18.64	18.67	21.5
		36	19	18.84	18.80	18.80	18.89	21.5
		36	39	18.79	18.87	18.78	18.78	21.5
		75	0	18.74	18.81	18.62	18.8	21.5
	64QAM	1	0	18.77	18.65	18.66	18.66	21.5
		1	37	18.84	18.92	18.88	18.84	21.5
		1	74	18.71	18.87	18.79	18.69	21.5
		36	0	19.73	19.70	19.78	19.75	21
		36	19	19.90	19.73	19.72	19.71	21
		36	39	19.84	19.72	19.72	19.77	21
		75	0	19.78	19.75	19.65	19.62	21
	256QAM	1	0	17.82	17.63	17.55	17.63	19
		1	37	17.78	17.76	17.69	17.73	19
		1	74	17.74	17.72	17.78	17.62	19
		36	0	17.85	17.85	17.77	17.72	19
		36	19	17.76	17.71	17.79	17.82	19
		36	39	17.92	17.74	17.68	17.87	19
		75	0	17.77	17.83	17.81	17.75	19
BW	MCS Index	Channel		55290	55815	56165	56690	Max. Tune-up
		Frequence (MHz)		3555	3607.5	3642.5	3695	
10M	QPSK	1	0	19.99	19.91	19.92	20.02	21.5
		1	24	20.33	20.20	20.15	20.20	21.5
		1	49	19.96	20.24	20.13	20.18	21.5
		25	0	20.08	20.06	20.01	19.94	21.5
		25	12	20.10	20.03	20.04	20.08	21.5
		25	25	20.13	20.13	20.07	20.15	21.5
		50	0	20.21	20.00	19.93	20.03	21.5
	16QAM	1	0	19.82	19.66	19.78	19.76	21.5
		1	24	19.75	19.76	19.84	19.86	21.5
		1	49	19.67	19.77	19.73	19.62	21.5
		25	0	18.71	18.66	18.69	18.63	21.5
		25	12	18.79	18.77	18.72	18.91	21.5
		25	25	18.86	18.86	18.67	18.75	21.5
		50	0	18.72	18.79	18.63	18.79	21.5
	64QAM	1	0	18.75	18.63	18.72	18.62	21.5
		1	24	18.81	18.94	18.84	18.73	21.5
		1	49	18.76	18.82	18.70	18.73	21.5
		25	0	19.74	19.73	19.78	19.76	21
		25	12	19.83	19.69	19.64	19.79	21
		25	25	19.88	19.69	19.70	19.74	21
		50	0	19.76	19.72	19.74	19.73	21
	256QAM	1	0	17.77	17.67	17.67	17.7	19
		1	24	17.69	17.66	17.73	17.68	19
		1	49	17.74	17.75	17.71	17.7	19
		25	0	17.93	17.80	17.73	17.8	19
		25	12	17.79	17.82	17.85	17.83	19
		25	25	17.80	17.81	17.67	17.77	19
		50	0	17.85	17.87	17.83	17.83	19
BW	MCS Index	Channel		55265	55810	56170	56715	Max. Tune-up
		Frequence (MHz)		3552.5	3607	3643	3697.5	
5M	QPSK	1	0	19.97	19.78	19.78	19.90	21.5
		1	12	20.31	20.06	20.09	20.16	21.5
		1	24	19.93	20.11	20.02	20.10	21.5
		12	0	20.00	20.05	19.91	19.96	21.5
		12	6	20.09	20.10	20.02	20.05	21.5
		12	13	20.11	20.11	20.06	20.09	21.5
		25	0	20.10	20.03	19.99	20.08	21.5
	16QAM	1	0	19.81	19.72	19.69	19.79	21.5
		1	12	19.69	19.71	19.83	19.78	21.5
		1	24	19.73	19.76	19.78	19.61	21.5
		12	0	18.63	18.64	18.60	18.68	21.5
		12	6	18.86	18.83	18.75	18.9	21.5
		12	13	18.89	18.79	18.80	18.77	21.5
		25	0	18.61	18.69	18.60	18.73	21.5
	64QAM	1	0	18.65	18.71	18.75	18.68	21.5
		1	12	18.80	18.89	18.81	18.8	21.5
		1	24	18.69	18.82	18.80	18.75	21.5
		12	0	19.79	19.69	19.79	19.72	21
		12	6	19.82	19.65	19.65	19.77	21
		12	13	19.84	19.78	19.69	19.8	21
		25	0	19.79	19.74	19.76	19.67	21
	256QAM	1	0	17.81	17.72	17.61	17.66	19
		1	12	17.76	17.76	17.80	17.8	19
		1	24	17.74	17.62	17.69	17.63	19
		12	0	17.87	17.85	17.85	17.72	19
		12	6	17.87	17.75	17.83	17.84	19
		12	13	17.88	17.77	17.76	17.85	19
		25	0	17.90	17.86	17.71	17.76	19

LTE Band 48 for SAR_Ant3

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640	
		Frequence (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	20.38	20.36	20.55	20.57	21.5
		1	50	20.52	20.52	20.56	20.61	21.5
		1	99	20.51	20.45	20.55	20.44	21.5
		50	0	20.33	20.32	20.38	20.49	21.5
		50	25	20.51	20.53	20.59	20.6	21.5
		50	50	20.36	20.37	20.38	20.54	21.5
		100	0	20.31	20.35	20.39	20.47	21.5
	16QAM	1	0	20.41	20.36	20.43	20.43	21.5
		1	50	20.31	20.45	20.60	20.46	21.5
		1	99	20.56	20.50	20.30	20.4	21.5
		50	0	20.03	19.87	20.01	20.07	21
		50	25	20.01	20.02	19.94	20.12	21
		50	50	19.99	19.88	19.87	20.19	21
		100	0	20.04	19.93	19.92	20.24	21
	64QAM	1	0	20.20	19.94	19.99	20.21	21
		1	50	20.19	19.87	20.08	20.26	21
		1	99	20.12	19.98	19.96	20.02	21
		50	0	19.05	18.94	18.93	19.14	20
		50	25	19.06	18.92	18.88	19.11	20
		50	50	19.04	18.91	18.94	19.11	20
		100	0	19.01	18.94	18.95	19.1	20
	256QAM	1	0	17.25	17.02	17.21	17.39	18
		1	50	17.26	17.24	17.18	17.38	18
		1	99	17.28	17.23	17.10	17.19	18
		50	0	17.27	17.22	17.23	17.37	18
		50	25	17.42	17.29	17.32	17.58	18
		50	50	17.53	17.21	17.29	17.47	18
		100	0	17.37	17.43	17.42	17.41	18
BW	MCS Index	Channel		55315	55820	56160	56665	Max. Tune-up
		Frequence (MHz)		3557.5	3608	3642	3692.5	
15M	QPSK	1	0	20.31	20.21	20.49	20.50	21.5
		1	37	20.38	20.51	20.54	20.57	21.5
		1	74	20.47	20.30	20.43	20.43	21.5
		36	0	20.30	20.20	20.34	20.48	21.5
		36	19	20.43	20.40	20.59	20.54	21.5
		36	39	20.29	20.35	20.35	20.42	21.5
		75	0	20.28	20.25	20.32	20.34	21.5
	16QAM	1	0	20.39	20.28	20.38	20.35	21.5
		1	37	20.20	20.39	20.60	20.41	21.5
		1	74	20.54	20.43	20.28	20.3	21.5
		36	0	19.94	19.76	19.97	20.02	21
		36	19	19.87	19.99	19.81	19.99	21
		36	39	19.96	19.76	19.78	20.11	21
		75	0	20.03	19.79	19.88	20.21	21
	64QAM	1	0	20.06	19.85	19.87	20.17	21
		1	37	20.08	19.82	20.00	20.17	21
		1	74	20.11	19.85	19.91	19.89	21
		36	0	19.01	18.83	18.80	19.12	20
		36	19	18.99	18.82	18.77	19.01	20
		36	39	18.89	18.79	18.91	19.06	20
		75	0	18.96	18.87	18.92	19.02	20
	256QAM	1	0	17.20	16.89	17.13	17.37	18
		1	37	17.21	17.12	17.08	17.3	18
		1	74	17.25	17.18	17.02	17.07	18
		36	0	17.14	17.20	17.17	17.36	18
		36	19	17.37	17.15	17.27	17.52	18
		36	39	17.41	17.11	17.18	17.43	18
		75	0	17.29	17.37	17.35	17.36	18
BW	MCS Index	Channel		55290	55815	56165	56690	Max. Tune-up
		Frequence (MHz)		3555	3607.5	3642.5	3695	
10M	QPSK	1	0	20.29	20.20	20.41	20.49	21.5
		1	24	20.30	20.49	20.43	20.57	21.5
		1	49	20.47	20.19	20.30	20.42	21.5
		25	0	20.17	20.17	20.33	20.37	21.5
		25	12	20.39	20.32	20.49	20.51	21.5
		25	25	20.28	20.35	20.24	20.32	21.5
		50	0	20.15	20.15	20.23	20.23	21.5
	16QAM	1	0	20.36	20.16	20.24	20.33	21.5
		1	24	20.14	20.28	20.55	20.4	21.5
		1	49	20.39	20.30	20.20	20.19	21.5
		25	0	20.01	19.72	19.93	19.97	21
		25	12	19.93	19.97	19.90	20.09	21
		25	25	19.98	19.87	19.80	20.09	21
		50	0	20.02	19.83	19.84	20.22	21
	64QAM	1	0	20.05	19.93	19.91	20.07	21
		1	24	20.16	19.82	19.96	20.17	21
		1	49	20.07	19.89	19.95	19.91	21
		25	0	18.96	18.93	18.91	19.09	20
		25	12	18.92	18.80	18.73	19.08	20
		25	25	19.03	18.83	18.79	19.02	20
		50	0	18.97	18.88	18.85	19.05	20
	256QAM	1	0	17.12	16.89	17.14	17.32	18
		1	24	17.11	17.16	17.03	17.36	18
		1	49	17.13	17.15	17.03	17.08	18
		25	0	17.14	17.18	17.11	17.29	18
		25	12	17.35	17.23	17.27	17.52	18
		25	25	17.38	17.16	17.18	17.45	18
		50	0	17.27	17.36	17.37	17.28	18
BW	MCS Index	Channel		55265	55810	56170	56715	Max. Tune-up
		Frequence (MHz)		3552.5	3607	3643	3697.5	
5M	QPSK	1	0	20.16	20.09	20.41	20.34	21.5
		1	12	20.25	20.34	20.30	20.56	21.5
		1	24	20.39	20.08	20.26	20.37	21.5
		12	0	20.03	20.02	20.29	20.37	21.5
		12	6	20.38	20.32	20.45	20.5	21.5
		12	13	20.13	20.33	20.24	20.19	21.5
		25	0	20.08	20.01	20.22	20.19	21.5
	16QAM	1	0	20.33	20.09	20.21	20.2	21.5
		1	12	20.11	20.18	20.44	20.27	21.5
		1	24	20.31	20.26	20.20	20.17	21.5
		12	0	19.97	19.75	19.92	20.03	21
		12	6	19.91	20.00	19.89	20.00	21
		12	13	19.89	19.83	19.78	20.07	21
		25	0	19.96	19.86	19.91	20.10	21
	64QAM	1	0	20.17	19.93	19.97	20.18	21
		1	12	20.09	19.75	19.96	20.22	21
		1	24	20.06	19.87	19.95	19.91	21
		12	0	18.97	18.92	18.78	19.02	20
		12	6	19.03	18.83	18.73	19.07	20
		12	13	18.93	18.90	18.93	19.06	20
		25	0	19.00	18.84	18.91	19.09	20
	256QAM	1	0	17.24	16.93	17.14	17.34	18
		1	12	17.24	17.17	17.03	17.33	18
		1	24	17.21	17.09	17.06	17.05	18
		12	0	17.15	17.21	17.12	17.36	18
		12	6	17.34	17.26	17.18	17.44	18
		12	13	17.44	17.18	17.16	17.40	18
		25	0	17.35	17.32	17.34	17.30	18

LTE Band 48 for SAR_Ant7

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640	
		Frequence (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	18.36	18.19	18.28	18.26	19
		1	50	18.37	18.35	18.29	18.29	19
		1	99	18.36	18.14	18.20	18.27	19
		50	0	18.29	18.22	18.16	18.15	19
		50	25	18.34	18.20	18.32	18.33	19
		50	50	18.28	18.31	18.26	18.26	19
		100	0	18.34	18.33	18.22	18.32	19
	16QAM	1	0	18.17	18.20	18.34	18.15	19
		1	50	18.10	18.19	18.14	18.12	19
		1	99	18.29	18.24	18.08	18.3	19
		50	0	18.09	18.31	18.36	18.14	19
		50	25	18.33	18.13	18.27	18.21	19
		50	50	18.27	18.12	18.22	18.28	19
		100	0	18.06	18.08	18.09	18.31	19
	64QAM	1	0	18.08	18.11	18.34	18.27	19
		1	50	18.29	18.13	18.20	18.09	19
		1	99	18.27	18.11	18.33	18.26	19
		50	0	17.51	17.40	17.41	17.46	18.5
		50	25	17.60	17.56	17.59	17.67	18.5
		50	50	17.59	17.54	17.53	17.65	18.5
		100	0	17.69	17.67	17.66	17.62	18.5
	256QAM	1	0	15.62	15.50	15.50	15.48	16.5
		1	50	15.64	15.51	15.58	15.6	16.5
		1	99	15.51	15.45	15.41	15.5	16.5
		50	0	15.55	15.42	15.50	15.54	16.5
		50	25	15.60	15.45	15.56	15.65	16.5
		50	50	15.74	15.67	15.68	15.7	16.5
		100	0	15.77	15.76	15.75	15.62	16.5
BW	MCS Index	Channel		55315	55820	56160	56665	Max. Tune-up
		Frequence (MHz)		3557.5	3608	3642	3692.5	
15M	QPSK	1	0	18.22	18.10	18.27	18.26	19
		1	37	18.23	18.28	18.17	18.29	19
		1	74	18.36	18.07	18.05	18.24	19
		36	0	18.24	18.08	18.04	18.03	19
		36	19	18.33	18.12	18.32	18.26	19
		36	39	18.22	18.22	18.15	18.12	19
		75	0	18.25	18.28	18.22	18.28	19
	16QAM	1	0	18.06	18.08	18.21	18.11	19
		1	37	18.10	18.18	18.05	18.05	19
		1	74	18.28	18.24	17.98	18.23	19
		36	0	18.02	18.18	18.31	18.12	19
		36	19	18.32	17.99	18.13	18.18	19
		36	39	18.16	18.07	18.07	18.28	19
		75	0	17.95	18.04	17.96	18.29	19
	64QAM	1	0	18.04	17.98	18.29	18.21	19
		1	37	18.18	18.09	18.19	17.96	19
		1	74	18.23	18.11	18.30	18.2	19
		36	0	17.47	17.27	17.36	17.44	18.5
		36	19	17.46	17.48	17.44	17.66	18.5
		36	39	17.48	17.43	17.41	17.57	18.5
		75	0	17.66	17.56	17.57	17.47	18.5
	256QAM	1	0	15.50	15.47	15.49	15.39	16.5
		1	37	15.53	15.36	15.56	15.45	16.5
		1	74	15.48	15.32	15.29	15.49	16.5
		36	0	15.41	15.28	15.41	15.48	16.5
		36	19	15.57	15.37	15.51	15.63	16.5
		36	39	15.60	15.52	15.65	15.64	16.5
		75	0	15.76	15.70	15.69	15.58	16.5
BW	MCS Index	Channel		55290	55815	56165	56690	Max. Tune-up
		Frequence (MHz)		3555	3607.5	3642.5	3695	
10M	QPSK	1	0	18.10	18.06	18.21	18.18	19
		1	24	18.11	18.23	18.17	18.23	19
		1	49	18.33	17.93	18.04	18.14	19
		25	0	18.24	18.02	17.97	17.91	19
		25	12	18.24	18.11	18.17	18.14	19
		25	25	18.21	18.11	18.10	18.02	19
		50	0	18.10	18.20	18.18	18.28	19
	16QAM	1	0	17.96	17.94	18.21	18.01	19
		1	24	17.96	18.17	17.94	17.9	19
		1	49	18.13	18.14	17.97	18.09	19
		25	0	18.00	18.14	18.24	17.97	19
		25	12	18.18	17.95	18.12	18.18	19
		25	25	18.06	17.93	18.02	18.13	19
		50	0	17.94	17.97	17.86	18.22	19
	64QAM	1	0	17.97	17.93	18.22	18.12	19
		1	24	18.03	18.03	18.10	17.88	19
		1	49	18.08	17.98	18.19	18.12	19
		25	0	17.45	17.29	17.28	17.32	18.5
		25	12	17.58	17.50	17.48	17.62	18.5
		25	25	17.47	17.53	17.45	17.58	18.5
		50	0	17.55	17.62	17.65	17.52	18.5
	256QAM	1	0	15.48	15.44	15.39	15.43	16.5
		1	24	15.55	15.46	15.52	15.56	16.5
		1	49	15.50	15.39	15.29	15.37	16.5
		25	0	15.52	15.29	15.43	15.42	16.5
		25	12	15.49	15.41	15.48	15.6	16.5
		25	25	15.60	15.54	15.59	15.56	16.5
		50	0	15.66	15.65	15.66	15.5	16.5
BW	MCS Index	Channel		55265	55810	56170	56715	Max. Tune-up
		Frequence (MHz)		3552.5	3607	3643	3697.5	
5M	QPSK	1	0	18.00	18.02	18.16	18.18	19
		1	12	17.96	18.09	18.05	18.2	19
		1	24	18.29	17.84	17.97	18.08	19
		12	0	18.14	17.97	17.92	17.88	19
		12	6	18.17	18.06	18.05	18.01	19
		12	13	18.16	18.04	18.09	17.93	19
		25	0	18.09	18.05	18.09	18.25	19
	16QAM	1	0	17.83	17.90	18.20	17.99	19
		1	12	17.95	18.16	17.88	17.9	19
		1	24	17.98	18.07	17.88	18.06	19
		12	0	17.92	18.14	18.22	17.89	19
		12	6	18.16	17.94	17.99	18.13	19
		12	13	17.94	17.83	17.96	17.99	19
		25	0	17.83	17.83	17.86	18.1	19
	64QAM	1	0	17.94	17.78	18.14	18.04	19
		1	12	17.90	18.03	18.10	17.83	19
		1	24	18.04	17.86	18.19	18.03	19
		12	0	17.50	17.31	17.33	17.45	18.5
		12	6	17.48	17.46	17.57	17.58	18.5
		12	13	17.49	17.40	17.50	17.59	18.5
		25	0	17.60	17.60	17.60	17.52	18.5
	256QAM	1	0	15.59	15.49	15.41	15.39	16.5
		1	12	15.61	15.41	15.45	15.58	16.5
		1	24	15.37	15.38	15.34	15.41	16.5
		12	0	15.50	15.33	15.41	15.5	16.5
		12	6	15.56	15.34	15.52	15.57	16.5
		12	13	15.63	15.53	15.56	15.62	16.5
		25	0	15.74	15.67	15.73	15.51	16.5

LTE DSI3

LTE Band 66_Ant0

BW	Modulation	RB Size	RB Offset	Channel	Mid	High	Max. Tune-up (dBm)
				Frequency (MHz)	1720	1745	1770
20M	QPSK	1	0	21.27	21.37	21.36	21.5
		1	50	21.39	**21.45**	21.39	21.5
		1	99	21.38	21.38	21.33	21.5
		50	0	21.29	21.24	21.22	21.5
		50	25	21.38	21.40	21.30	21.5
		50	50	21.36	21.38	21.32	21.5
		100	0	21.24	21.39	21.30	21.5
	16QAM	1	0	21.27	21.21	21.27	21.5
		1	50	21.20	21.34	21.35	21.5
		1	99	21.34	21.15	21.22	21.5
		50	0	21.22	21.32	21.22	21.5
		50	25	21.17	21.12	21.24	21.5
		50	50	21.27	21.24	21.31	21.5
		100	0	21.36	21.17	21.15	21.5
	64QAM	1	0	21.40	21.41	21.16	21.5
		1	50	21.17	21.13	21.27	21.5
		1	99	21.12	21.40	21.17	21.5
		50	0	20.66	20.76	20.75	21
		50	25	20.73	20.85	20.83	21
		50	50	20.81	20.83	20.85	21
		100	0	20.77	20.78	20.76	21
	256QAM	1	0	18.79	18.84	18.82	19
		1	50	18.83	18.86	18.82	19
		1	99	18.82	18.87	18.73	19
		50	0	18.65	18.70	18.76	19
		50	25	18.73	18.80	18.77	19
		50	50	17.69	18.77	18.60	19
		100	0	18.74	18.75	18.62	19
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	21.14	21.28	21.31	21.5
		1	37	21.26	21.28	21.38	21.5
		1	74	21.33	21.23	21.25	21.5
		36	0	21.18	21.15	21.10	21.5
		36	19	21.32	21.30	21.33	21.5
		36	39	21.32	21.34	21.26	21.5
		75	0	21.12	21.36	21.16	21.5
	16QAM	1	0	21.27	21.19	21.20	21.5
		1	37	21.13	21.30	21.32	21.5
		1	74	21.25	21.01	21.21	21.5
		36	0	21.10	21.27	21.14	21.5
		36	19	21.03	21.09	21.23	21.5
		36	39	21.14	21.20	21.30	21.5
		75	0	21.21	21.05	21.06	21.5
	64QAM	1	0	21.37	21.29	21.15	21.5
		1	37	21.06	21.00	21.19	21.5
		1	74	21.01	21.32	21.10	21.5
		36	0	20.55	20.67	20.69	21
		36	19	20.70	20.82	20.77	21
		36	39	20.74	20.74	20.76	21
		75	0	20.66	20.73	20.74	21
	256QAM	1	0	18.70	18.82	18.71	19
		1	37	18.81	18.87	18.68	19
		1	74	18.73	18.81	18.66	19
		36	0	18.59	18.56	18.74	19
		36	19	18.69	18.77	18.65	19
		36	39	17.64	18.66	18.51	19
		75	0	18.63	18.60	18.58	19
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1716	1745	1774	
10M	QPSK	1	0	21.19	21.35	21.22	21.5
		1	24	21.25	21.37	21.26	21.5
		1	49	21.25	21.30	21.33	21.5
		25	0	21.20	21.14	21.10	21.5
		25	12	21.27	21.30	21.22	21.5
		25	25	21.36	21.29	21.21	21.5
		50	0	21.21	21.36	21.28	21.5
	16QAM	1	0	21.16	21.17	21.24	21.5
		1	24	21.15	21.26	21.30	21.5
		1	49	21.28	21.14	21.20	21.5
		25	0	21.16	21.21	21.21	21.5
		25	12	21.10	20.98	21.13	21.5
		25	25	21.13	21.24	21.28	21.5
		50	0	21.28	21.03	21.02	21.5
	64QAM	1	0	21.38	21.28	21.03	21.5
		1	24	21.11	21.09	21.13	21.5
		1	49	20.98	21.31	21.04	21.5
		25	0	20.40	20.52	20.66	21
		25	12	20.62	20.70	20.65	21
		25	25	20.63	20.71	20.71	21
		50	0	20.63	20.69	20.66	21
	256QAM	1	0	18.60	18.74	18.61	19
		1	24	18.66	18.79	18.62	19
		1	49	18.69	18.66	18.62	19
		25	0	18.50	18.45	18.71	19
		25	12	18.68	18.63	18.52	19
		25	25	17.58	18.53	18.50	19
		50	0	18.51	18.51	18.48	19
BW	Modulation	Channel		131987	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	21.25	21.23	21.29	21.5
		1	12	21.33	21.33	21.33	21.5
		1	24	21.37	21.32	21.26	21.5
		12	0	21.20	21.10	21.22	21.5
		12	6	21.23	21.38	21.34	21.5
		12	13	21.30	21.29	21.28	21.5
		25	0	21.23	21.24	21.17	21.5
	16QAM	1	0	21.27	21.09	21.22	21.5
		1	12	21.13	21.33	21.23	21.5
		1	24	21.19	21.10	21.10	21.5
		12	0	21.15	21.21	21.07	21.5
		12	6	21.11	21.12	21.13	21.5
		12	13	21.15	21.21	21.16	21.5
		25	0	21.30	21.07	21.02	21.5
	64QAM	1	0	21.25	21.26	21.03	21.5
		1	12	21.12	21.06	21.27	21.5
		1	24	21.05	21.30	21.14	21.5
		12	0	20.61	20.73	20.63	21
		12	6	20.71	20.78	20.79	21
		12	13	20.80	20.72	20.79	21
		25	0	20.63	20.66	20.73	21
	256QAM	1	0	18.68	18.70	18.71	19
		1	12	18.80	18.80	18.70	19
		1	24	18.67	18.79	18.69	19
		12	0	18.51	18.61	18.64	19
		12	6	18.58	18.65	18.67	19
		12	13	17.61	18.59	18.57	19
		25	0	18.68	18.74	18.53	19
BW	Modulation	Channel		131987	132322	132657	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	21.27	21.33	21.21	21.5
		1	7	21.31	21.35	21.30	21.5
		1	14	21.28	21.27	21.25	21.5
		8	0	21.14	21.11	21.16	21.5
		8	3	21.25	21.35	21.25	21.5
		8	7	21.35	21.35	21.23	21.5
		15	0	21.21	21.35	21.17	21.5
	16QAM	1	0	21.19	21.20	21.24	21.5
		1	7	21.07	21.34	21.26	21.5
		1	14	21.27	21.14	21.15	21.5
		8	0	21.10	21.31	21.12	21.5
		8	3	21.13	21.05	21.11	21.5
		8	7	21.19	21.17	21.29	21.5
		15	0	21.22	21.06	21.14	21.5
	64QAM	1	0	21.27	21.36	21.13	21.5
		1	7	21.04	21.10	21.15	21.5
		1	14	21.00	21.29	21.09	21.5
		8	0	20.53	20.65	20.74	21
		8	3	20.60	20.82	20.70	21
		8	7	20.70	20.72	20.73	21
		15	0	20.72	20.65	20.68	21
	256QAM	1	0	18.65	18.83	18.79	19
		1	7	18.81	18.78	18.72	19
		1	14	18.80	18.83	18.72	19
		8	0	18.60	18.56	18.70	19
		8	3	18.67	18.73	18.74	19
		8	7	17.63	18.69	18.59	19
		15	0	18.69	18.72	18.58	19
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	21.12	21.30	21.34	21.5
		1	2	21.32	21.32	21.39	21.5
		1	5	21.31	21.36	21.18	21.5
		3	0	21.22	21.23	21.11	21.5
		3	1	21.35	21.33	21.23	21.5
		3	3	21.25	21.30	21.19	21.5
		6	0	21.21	21.38	21.19	21.5
	16QAM	1	0	21.24	21.19	21.13	21.5
		1	2	21.10	21.24	21.22	21.5
		1	5	21.21	21.15	21.07	21.5
		3	0	21.10	21.25	21.08	21.5
		3	1	21.04	20.97	21.23	21.5
		3	3	21.13	21.10	21.23	21.5
		6	0	21.21	21.15	21.15	21.5
	64QAM	1	0	21.31	21.38	21.01	21.5
		1	2	21.16	21.00	21.12	21.5
		1	5	21.09	21.40	21.05	21.5
		3	0	21.13	21.20	21.11	21.5
		3	1	21.23	21.34	21.25	21.5
		3	3	21.31	21.25	21.26	21.5
		6	0	20.61	20.60	20.59	21
	256QAM	1	0	18.59	18.72	18.67	19
		1	2	18.75	18.83	18.64	19
		1	5	18.63	18.76	18.64	19
		3	0	18.53	18.50	18.64	19
		3	1	18.57	18.70	18.66	19
		3	3	17.58	18.51	18.41	19
		6	0	18.53	18.51	18.40	19

LTE Band 66_Ant2

BW	Modulation	RB Size	RB Offset	Channel	Mid	High	Max. Tune-up (dBm)
				Frequency (MHz)	1720	1745	1770
20M	QPSK	1	0	21.69	21.75	21.82	22.5
		1	50	21.84	**21.96**	21.83	22.5
		1	99	21.83	21.80	21.67	22.5
		50	0	21.85	21.70	21.83	22.5
		50	25	21.88	21.92	21.89	22.5
		50	50	21.66	21.81	21.88	22.5
		100	0	21.71	21.88	21.77	22.5
	16QAM	1	0	21.84	21.79	21.88	22.5
		1	50	21.89	21.85	21.75	22.5
		1	99	21.89	21.95	21.92	22.5
		50	0	21.81	21.72	21.71	22.5
		50	25	21.84	21.84	21.85	22.5
		50	50	21.86	21.66	21.72	22.5
		100	0	21.67	21.95	21.74	22.5
	64QAM	1	0	21.86	21.94	21.86	22.5
		1	50	21.74	21.76	21.84	22.5
		1	99	21.87	21.95	21.86	22.5
		50	0	21.84	21.69	21.94	22.5
		50	25	21.71	21.69	21.68	22.5
		50	50	21.81	21.70	21.74	22.5
		100	0	21.67	21.72	21.91	22.5
	256QAM	1	0	19.94	19.97	19.98	20.5
		1	50	20.00	20.09	20.10	20.5
		1	99	19.96	19.99	20.00	20.5
		50	0	19.91	19.94	19.95	20.5
		50	25	19.89	19.91	19.92	20.5
		50	50	19.87	19.89	19.99	20.5
		100	0	19.96	19.99	19.96	20.5
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	21.59	21.61	21.74	22.5
		1	37	21.83	21.85	21.73	22.5
		1	74	21.86	21.70	21.82	22.5
		36	0	21.82	21.66	21.74	22.5
		36	19	21.87	21.77	21.77	22.5
		36	39	21.66	21.71	21.75	22.5
		75	0	21.74	21.80	21.74	22.5
	16QAM	1	0	21.72	21.79	21.76	22.5
		1	37	21.74	21.83	21.64	22.5
		1	74	21.89	21.82	21.80	22.5
		36	0	21.68	21.57	21.68	22.5
		36	19	21.72	21.77	21.64	22.5
		36	39	21.76	21.58	21.65	22.5
		75	0	21.73	21.81	21.62	22.5
	64QAM	1	0	21.84	21.91	21.78	22.5
		1	37	21.74	21.70	21.76	22.5
		1	74	21.81	21.81	21.78	22.5
		36	0	21.72	21.54	21.79	22.5
		36	19	21.68	21.66	21.59	22.5
		36	39	21.80	21.66	21.64	22.5
		75	0	21.74	21.76	21.72	22.5
	256QAM	1	0	19.87	19.88	19.83	20.5
		1	37	19.94	20.02	20.09	20.5
		1	74	19.94	19.91	19.85	20.5
		36	0	19.88	19.92	19.88	20.5
		36	19	19.77	19.83	19.81	20.5
		36	39	19.79	19.85	19.92	20.5
		75	0	19.78	19.84	19.80	20.5
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1716	1745	1775	
10M	QPSK	1	0	21.64	21.72	21.76	22.5
		1	24	21.83	21.86	21.68	22.5
		1	49	21.83	21.65	21.65	22.5
		25	0	21.78	21.67	21.69	22.5
		25	12	21.81	21.86	21.87	22.5
		25	25	21.57	21.73	21.80	22.5
		50	0	21.63	21.73	21.73	22.5
	16QAM	1	0	21.73	21.69	21.86	22.5
		1	24	21.75	21.73	21.67	22.5
		1	49	21.84	21.95	21.90	22.5
		25	0	21.68	21.67	21.63	22.5
		25	12	21.75	21.82	21.93	22.5
		25	25	21.76	21.57	21.65	22.5
		50	0	21.56	21.67	21.62	22.5
	64QAM	1	0	21.84	21.82	21.75	22.5
		1	24	21.63	21.67	21.84	22.5
		1	49	21.82	21.94	21.83	22.5
		25	0	21.71	21.60	21.85	22.5
		25	12	21.57	21.69	21.86	22.5
		25	25	21.68	21.66	21.60	22.5
		50	0	21.53	21.70	21.76	22.5
	256QAM	1	0	19.86	19.79	19.81	20.5
		1	24	19.80	20.01	19.95	20.5
		1	49	19.89	19.77	19.80	20.5
		25	0	19.81	19.84	19.83	20.5
		25	12	19.76	19.78	19.73	20.5
		25	25	19.66	19.79	19.76	20.5
		50	0	19.83	19.88	19.85	20.5
BW	Modulation	Channel		131987	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	21.62	21.60	21.69	22.5
		1	12	21.71	21.81	21.73	22.5
		1	24	21.76	21.71	21.57	22.5
		12	0	21.76	21.61	21.72	22.5
		12	6	21.84	21.82	21.80	22.5
		12	13	21.83	21.72	21.83	22.5
		25	0	21.59	21.80	21.65	22.5
	16QAM	1	0	21.76	21.75	21.82	22.5
		1	12	21.81	21.74	21.66	22.5
		1	24	21.82	21.85	21.73	22.5
		12	0	21.69	21.61	21.64	22.5
		12	6	21.79	21.81	21.50	22.5
		12	13	21.85	21.77	21.68	22.5
		25	0	21.65	21.90	21.72	22.5
	64QAM	1	0	21.85	21.83	21.84	22.5
		1	12	21.83	21.67	21.72	22.5
		1	24	21.79	21.85	21.67	22.5
		12	0	21.82	21.66	21.94	22.5
		12	6	21.82	21.54	21.58	22.5
		12	13	21.74	21.58	21.67	22.5
		25	0	21.54	21.67	21.79	22.5
	256QAM	1	0	19.92	19.92	19.88	20.5
		1	12	19.93	19.97	19.97	20.5
		1	24	19.87	19.92	19.93	20.5
		12	0	19.81	19.91	19.85	20.5
		12	6	19.83	19.83	19.90	20.5
		12	13	19.72	19.89	19.82	20.5
		25	0	19.95	19.93	19.83	20.5
BW	Modulation	Channel		131987	132322	132657	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	21.56	21.67	21.81	22.5
		1	7	21.81	21.96	21.68	22.5
		1	14	21.81	21.66	21.66	22.5
		8	0	21.62	21.70	21.76	22.5
		8	3	21.80	21.84	21.86	22.5
		8	7	21.53	21.74	21.81	22.5
		15	0	21.56	21.63	21.66	22.5
	16QAM	1	0	21.72	21.76	21.83	22.5
		1	7	21.79	21.72	21.74	22.5
		1	14	21.85	21.93	21.91	22.5
		8	0	21.71	21.66	21.58	22.5
		8	3	21.83	21.77	21.53	22.5
		8	7	21.75	21.61	21.68	22.5
		15	0	21.58	21.93	21.69	22.5
	64QAM	1	0	21.81	21.91	21.72	22.5
		1	7	21.59	21.61	21.74	22.5
		1	14	21.73	21.90	21.84	22.5
		8	0	21.75	21.69	21.82	22.5
		8	3	21.56	21.56	21.53	22.5
		8	7	21.81	21.58	21.70	22.5
		15	0	21.52	21.72	21.76	22.5
	256QAM	1	0	19.88	19.96	19.95	20.5
		1	7	19.91	19.94	20.09	20.5
		1	14	19.83	19.86	19.96	20.5
		8	0	19.78	19.82	19.86	20.5
		8	3	19.82	19.98	19.88	20.5
		8	7	19.86	19.76	19.85	20.5
		15	0	19.85	19.92	19.89	20.5
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	21.58	21.70	21.70	22.5
		1	2	21.73	21.89	21.73	22.5
		1	5	21.79	21.86	21.58	22.5
		3	0	21.83	21.58	21.74	22.5
		3	1	21.81	21.68	21.82	22.5
		3	3	21.75	21.81	21.68	22.5
		6	0	21.63	21.80	21.68	22.5
	16QAM	1	0	21.84	21.72	21.86	22.5
		1	2	21.75	21.71	21.63	22.5
		1	5	21.86	21.81	21.84	22.5
		3	0	21.72	21.66	21.69	22.5
		3	1	21.76	21.71	21.57	22.5
		3	3	21.84	21.75	21.72	22.5
		6	0	21.56	21.80	21.65	22.5
	64QAM	1	0	21.71	21.89	21.71	22.5
		1	2	21.71	21.69	21.70	22.5
		1	5	21.83	21.81	21.85	22.5
		3	0	21.72	21.56	21.84	22.5
		3	1	21.65	21.59	21.51	22.5
		3	3	21.76	21.61	21.72	22.5
		6	0	21.76	21.78	21.73	22.5
	256QAM	1	0	19.83	19.84	19.90	20.5
		1	2	19.86	19.98	19.95	20.5
		1	5	19.80	19.83	19.91	20.5
		3	0	19.71	19.73	19.86	20.5
		3	1	19.74	19.77	19.82	20.5
		3	3	19.79	19.85	19.77	20.5
		6	0	19.69	19.75	19.76	20.5

LTE Band 66_Ant3

BW	Modulation	RB Size	RB Offset	Channel	Mid	High	Max. Tune-up (dBm)
				Frequency (MHz)	1720	1745	1770
20M	QPSK	1	0	20.82	20.76	20.78	21.5
		1	50	20.87	**20.96**	20.84	21.5
		1	99	20.70	20.85	20.70	21.5
		50	0	20.71	20.90	20.89	21.5
		50	25	20.80	20.82	20.67	21.5
		50	50	20.83	20.93	20.90	21.5
		100	0	20.85	20.94	20.85	21.5
	16QAM	1	0	20.89	20.76	20.69	21.5
		1	50	20.83	20.80	20.93	21.5
		1	99	20.65	20.74	20.93	21.5
		50	0	20.75	20.73	20.74	21.5
		50	25	20.70	20.89	20.67	21.5
		50	50	20.71	20.82	20.67	21.5
		100	0	20.85	20.90	20.91	21.5
	64QAM	1	0	20.66	20.79	20.69	21.5
		1	50	20.76	20.82	20.91	21.5
		1	99	20.82	20.92	20.73	21.5
		50	0	20.95	20.73	20.69	21.5
		50	25	20.72	20.83	20.68	21.5
		50	50	20.69	20.83	20.93	21.5
		100	0	20.87	20.71	20.88	21.5
	256QAM	1	0	19.69	19.70	19.71	20.5
		1	50	19.80	19.86	19.88	20.5
		1	99	19.63	19.88	19.87	20.5
		50	0	19.62	19.71	19.69	20.5
		50	25	19.75	19.76	19.79	20.5
		50	50	19.60	19.79	19.80	20.5
		100	0	19.72	19.74	19.73	20.5
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	20.71	20.66	20.65	21.5
		1	37	20.74	20.82	20.72	21.5
		1	74	20.63	20.56	20.72	21.5
		36	0	20.59	20.84	20.80	21.5
		36	19	20.79	20.74	20.63	21.5
		36	39	20.82	20.89	20.87	21.5
		75	0	20.80	20.74	20.77	21.5
	16QAM	1	0	20.83	20.61	20.58	21.5
		1	37	20.69	20.76	20.92	21.5
		1	74	20.64	20.65	20.66	21.5
		36	0	20.66	20.64	20.73	21.5
		36	19	20.64	20.81	20.87	21.5
		36	39	20.64	20.73	20.59	21.5
		75	0	20.78	20.82	20.72	21.5
	64QAM	1	0	20.57	20.66	20.62	21.5
		1	37	20.72	20.73	20.81	21.5
		1	74	20.75	20.89	20.58	21.5
		36	0	20.89	20.60	20.54	21.5
		36	19	20.66	20.83	20.58	21.5
		36	39	20.61	20.82	20.89	21.5
		75	0	20.84	20.56	20.76	21.5
	256QAM	1	0	19.67	19.57	19.61	20.5
		1	37	19.65	19.75	19.70	20.5
		1	74	19.51	19.79	19.70	20.5
		36	0	19.53	19.69	19.57	20.5
		36	19	19.64	19.65	19.72	20.5
		36	39	19.52	19.68	19.68	20.5
		75	0	19.68	19.67	19.62	20.5
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1716	1745	1775	
10M	QPSK	1	0	20.73	20.77	20.75	21.5
		1	24	20.83	20.81	20.71	21.5
		1	49	20.67	20.56	20.67	21.5
		25	0	20.67	20.89	20.88	21.5
		25	12	20.74	20.58	20.58	21.5
		25	25	20.79	20.93	20.83	21.5
		50	0	20.79	20.94	20.74	21.5
	16QAM	1	0	20.75	20.61	20.62	21.5
		1	24	20.68	20.89	20.90	21.5
		1	49	20.59	20.63	20.81	21.5
		25	0	20.64	20.66	20.65	21.5
		25	12

LTE DSI4

LTE Band 2_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	23.57	23.62	23.74	25
		1	50	23.75	23.69	23.79	25
		1	99	23.64	23.60	23.71	25
		50	0	22.53	22.59	22.68	24
		50	25	22.68	22.71	22.73	24
		50	50	22.60	22.61	22.66	24
		100	0	22.52	22.61	22.70	24
	16QAM	1	0	22.76	22.82	22.72	24
		1	50	22.92	22.85	22.76	24
		1	99	22.72	22.79	22.75	24
		50	0	21.59	21.67	21.38	23
		50	25	21.52	21.64	21.51	23
		50	50	21.66	21.68	21.66	23
		100	0	21.48	21.55	21.52	23
	64QAM	1	0	21.72	21.73	21.64	23
		1	50	21.82	21.85	21.81	23
		1	99	21.85	21.85	21.58	23
		50	0	20.53	20.67	20.51	22
		50	25	20.60	20.64	20.50	22
		50	50	20.53	20.61	20.35	22
		100	0	20.42	20.57	20.42	22
	256QAM	1	0	18.64	18.78	18.62	20
		1	50	18.62	18.80	18.66	20
		1	99	18.58	18.67	18.56	20
		50	0	18.58	18.56	18.45	20
		50	25	18.51	18.65	18.55	20
		50	50	18.73	18.67	18.53	20
		100	0	18.51	18.59	18.54	20
BW	Modulation	Channel		18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	23.55	23.49	23.66	25
		1	37	23.61	23.58	23.57	25
		1	74	23.61	23.52	23.56	25
		36	0	22.43	22.50	22.63	24
		36	19	22.65	22.58	22.72	24
		36	39	22.54	22.59	22.64	24
		75	0	22.47	22.46	22.63	24
	16QAM	1	0	22.72	22.67	22.62	24
		1	37	22.91	22.84	22.72	24
		1	74	22.63	22.73	22.68	24
		36	0	21.48	21.61	21.28	23
		36	19	21.48	21.58	21.43	23
		36	39	21.57	21.60	21.57	23
		75	0	21.36	21.46	21.40	23
	64QAM	1	0	21.68	21.64	21.59	23
		1	37	21.69	21.85	21.70	23
		1	74	21.75	21.74	21.44	23
		36	0	20.52	20.62	20.46	22
		36	19	20.58	20.56	20.49	22
		36	39	20.36	20.51	20.28	22
		75	0	20.33	20.49	20.29	22
	256QAM	1	0	18.58	18.73	18.59	20
		1	37	18.47	18.71	18.64	20
		1	74	18.45	18.53	18.47	20
		36	0	18.50	18.43	18.41	20
		36	19	18.45	18.50	18.45	20
		36	39	18.70	18.63	18.43	20
		75	0	18.46	18.54	18.45	20
BW	Modulation	Channel		18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	23.47	23.49	23.73	25
		1	24	23.61	23.61	23.71	25
		1	49	23.57	23.59	23.60	25
		25	0	22.42	22.53	22.54	24
		25	12	22.63	22.66	22.61	24
		25	25	22.51	22.48	22.61	24
		50	0	22.43	22.48	22.65	24
	16QAM	1	0	22.75	22.68	22.67	24
		1	24	22.88	22.71	22.75	24
		1	49	22.60	22.78	22.72	24
		25	0	21.55	21.63	21.33	23
		25	12	21.36	21.58	21.45	23
		25	25	21.56	21.66	21.54	23
		50	0	21.40	21.47	21.38	23
	64QAM	1	0	21.58	21.65	21.55	23
		1	24	21.80	21.75	21.71	23
		1	49	21.73	21.72	21.47	23
		25	0	20.49	20.63	20.41	22
		25	12	20.56	20.53	20.39	22
		25	25	20.50	20.53	20.31	22
		50	0	20.34	20.52	20.29	22
	256QAM	1	0	18.60	18.76	18.58	20
		1	24	18.58	18.79	18.63	20
		1	49	18.54	18.65	18.55	20
		25	0	18.50	18.54	18.44	20
		25	12	18.43	18.61	18.40	20
		25	25	18.71	18.53	18.43	20
		50	0	18.50	18.44	18.52	20
BW	Modulation	Channel		18625	18900	19175	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	23.50	23.60	23.73	25
		1	12	23.69	23.61	23.78	25
		1	24	23.57	23.55	23.70	25
		12	0	22.44	22.47	22.67	24
		12	6	22.54	22.64	22.62	24
		12	13	22.54	22.56	22.62	24
		25	0	22.44	22.59	22.61	24
	16QAM	1	0	22.77	22.81	22.64	24
		1	12	22.89	22.84	22.71	24
		1	24	22.67	22.76	22.68	24
		12	0	21.45	21.63	21.29	23
		12	6	21.42	21.62	21.43	23
		12	13	21.63	21.67	21.65	23
		25	0	21.43	21.44	21.49	23
	64QAM	1	0	21.64	21.64	21.51	23
		1	12	21.80	21.76	21.66	23
		1	24	21.77	21.80	21.53	23
		12	0	20.40	20.56	20.41	22
		12	6	20.45	20.56	20.43	22
		12	13	20.48	20.51	20.33	22
		25	0	20.40	20.47	20.41	22
	256QAM	1	0	18.63	18.73	18.54	20
		1	12	18.55	18.67	18.56	20
		1	24	18.55	18.52	18.45	20
		12	0	18.45	18.44	18.35	20
		12	6	18.47	18.50	18.54	20
		12	13	18.63	18.58	18.45	20
		25	0	18.41	18.58	18.52	20
BW	Modulation	Channel		18615	18900	19185	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	23.42	23.54	23.61	25
		1	7	23.66	23.56	23.67	25
		1	14	23.50	23.50	23.56	25
		8	0	22.38	22.53	22.63	24
		8	3	22.54	22.57	22.72	24
		8	7	22.45	22.48	22.64	24
		15	0	22.51	22.59	22.59	24
	16QAM	1	0	22.74	22.76	22.57	24
		1	7	22.77	22.78	22.70	24
		1	14	22.66	22.75	22.62	24
		8	0	21.47	21.63	21.37	23
		8	3	21.41	21.54	21.41	23
		8	7	21.51	21.56	21.63	23
		15	0	21.35	21.53	21.49	23
	64QAM	1	0	21.68	21.61	21.57	23
		1	7	21.68	21.76	21.71	23
		1	14	21.73	21.76	21.45	23
		8	0	20.52	20.63	20.36	22
		8	3	20.53	20.55	20.41	22
		8	7	20.51	20.47	20.26	22
		15	0	20.40	20.49	20.38	22
	256QAM	1	0	18.54	18.66	18.49	20
		1	7	18.51	18.79	18.61	20
		1	14	18.43	18.55	18.55	20
		8	0	18.56	18.43	18.41	20
		8	3	18.48	18.58	18.54	20
		8	7	18.67	18.63	18.47	20
		15	0	18.48	18.50	18.44	20
BW	Modulation	Channel		18607	18900	19193	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	23.47	23.61	23.60	25
		1	2	23.71	23.64	23.66	25
		1	5	23.63	23.56	23.56	25
		3	0	23.16	23.26	23.37	25
		3	1	23.40	23.35	23.36	25
		3	3	23.25	23.37	23.41	25
		6	0	22.46	22.52	22.55	24
	16QAM	1	0	22.75	22.76	22.60	24
		1	2	22.84	22.74	22.70	24
		1	5	22.67	22.68	22.71	24
		3	0	22.31	22.36	22.41	24
		3	1	22.27	22.27	22.17	24
		3	3	22.30	22.45	22.34	24
		6	0	21.45	21.42	21.47	23
	64QAM	1	0	21.66	21.60	21.59	23
		1	2	21.74	21.63	21.71	23
		1	5	21.84	21.80	21.46	23
		3	0	21.25	21.34	21.21	23
		3	1	21.26	21.33	21.26	23
		3	3	21.20	21.31	21.12	23
		6	0	20.39	20.48	20.37	22
	256QAM	1	0	18.55	18.65	18.53	20
		1	2	18.55	18.70	18.65	20
		1	5	18.49	18.66	18.45	20
		3	0	18.46	18.50	18.39	20
		3	1	18.42	18.52	18.53	20
		3	3	18.63	18.66	18.38	20
		6	0	18.42	18.49	18.53	20

LTE Band 2_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	25.58	23.77	23.69	25
		1	50	23.89	23.82	23.86	25
		1	99	23.80	23.80	23.71	25
		50	0	22.67	22.79	22.83	24
		50	25	22.83	22.81	22.76	24
		50	50	22.76	22.74	22.74	24
		100	0	22.77	22.72	22.69	24
	16QAM	1	0	22.92	22.97	22.98	24
		1	50	22.89	22.94	22.96	24
		1	99	22.91	22.95	22.97	24
		50	0	21.82	21.82	21.78	23
		50	25	21.70	21.86	21.80	23
		50	50	21.74	21.80	21.73	23
		100	0	21.76	21.79	21.80	23
	64QAM	1	0	21.75	21.82	21.80	23
		1	50	21.96	21.93	21.97	23
		1	99	21.98	21.92	21.95	23
		50	0	20.72	20.80	20.71	22
		50	25	20.84	20.93	20.81	22
		50	50	20.73	20.86	20.73	22
		100	0	20.83	20.90	20.85	22
	256QAM	1	0	18.78	18.90	18.68	20
		1	50	18.87	18.99	18.84	20
		1	99	18.96	18.86	18.93	20
		50	0	18.70	18.79	18.73	20
		50	25	18.75	18.93	18.94	20
		50	50	18.87	18.78	18.73	20
		100	0	18.80	18.89	18.73	20
BW	Modulation	Channel		18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	23.47	23.68	23.60	25
		1	37	23.77	23.68	23.78	25
		1	74	23.71	23.68	23.61	25
		36	0	22.63	22.73	22.59	24
		36	19	22.81	22.68	22.73	24
		36	39	22.66	22.68	22.60	24
		75	0	22.64	22.69	22.55	24
	16QAM	1	0	22.81	22.91	22.90	24
		1	37	22.80	22.84	22.84	24
		1	74	22.76	22.81	22.84	24
		36	0	21.68	21.68	21.68	23
		36	19	21.56	21.74	21.75	23
		36	39	21.72	21.65	21.59	23
		75	0	21.65	21.78	21.78	23
	64QAM	1	0	21.67	21.79	21.65	23
		1	37	21.94	21.85	21.96	23
		1	74	21.95	21.91	21.82	23
		36	0	20.71	20.72	20.70	22
		36	19	20.74	20.92	20.73	22
		36	39	20.66	20.73	20.59	22
		75	0	20.68	20.89	20.71	22
	256QAM	1	0	18.71	18.83	18.79	20
		1	37	18.75	18.84	18.72	20
		1	74	18.95	18.83	18.92	20
		36	0	18.68	18.73	18.59	20
		36	19	18.58	18.89	18.84	20
		36	39	18.81	18.66	18.65	20
		75	0	18.66	18.82	18.59	20
BW	Modulation	Channel		18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	25.53	23.76	23.66	25
		1	24	23.83	23.79	23.77	25
		1	49	23.78	23.72	23.62	25
		25	0	22.53	22.77	22.59	24
		25	12	22.76	22.66	22.71	24
		25	25	22.68	22.67	22.60	24
		50	0	22.68	22.71	22.60	24
	16QAM	1	0	22.67	22.92	22.68	24
		1	24	22.84	22.83	22.84	24
		1	49	22.88	22.80	22.82	24
		25	0	21.74	21.80	21.65	23
		25	12	21.68	21.71	21.71	23
		25	25	21.71	21.68	21.67	23
		50	0	21.69	21.66	21.65	23
	64QAM	1	0	21.65	21.79	21.65	23
		1	24	21.86	21.84	21.91	23
		1	49	21.95	21.78	21.91	23
		25	0	20.60	20.73	20.69	22
		25	12	20.76	20.80	20.73	22
		25	25	20.68	20.80	20.65	22
		50	0	20.79	20.86	20.82	22
	256QAM	1	0	18.65	18.79	18.65	20
		1	24	18.81	18.93	18.76	20
		1	49	18.90	18.71	18.92	20
		25	0	18.58	18.69	18.60	20
		25	12	18.69	18.86	18.68	20
		25	25	18.79	18.70	18.63	20
		50	0	18.76	18.82	18.71	20
BW	Modulation	Channel		18625	18900	19175	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	23.44	23.64	23.63	25
		1	12	23.87	23.72	23.72	25
		1	24	23.76	23.65	23.64	25
		12	0	22.66	22.76	22.52	24
		12	6	22.71	22.69	22.75	24
		12	13	22.73	22.59	22.64	24
		25	0	22.72	22.68	22.63	24
	16QAM	1	0	22.78	22.85	22.94	24
		1	12	22.84	22.79	22.86	24
		1	24	22.86	22.81	22.92	24
		12	0	21.75	21.70	21.66	23
		12	6	21.85	21.72	21.71	23
		12	13	21.85	21.74	21.67	23
		25	0	21.69	21.72	21.66	23
	64QAM	1	0	21.68	21.80	21.73	23
		1	12	21.86	21.86	21.85	23
		1	24	21.92	21.79	21.86	23
		12	0	20.64	20.67	20.70	22
		12	6	20.69	20.79	20.67	22
		12	13	20.63	20.82	20.59	22
		25	0	20.71	20.79	20.80	22
	256QAM	1	0	18.67	18.78	18.85	20
		1	12	18.74	18.84	18.73	20
		1	24	18.84	18.78	18.84	20
		12	0	18.58	18.67	18.70	20
		12	6	18.71	18.79	18.86	20
		12	13	18.83	18.76	18.60	20
		25	0	18.72	18.78	18.65	20
BW	Modulation	Channel		18615	18900	19185	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	23.46	23.69	23.65	25
		1	7	23.74	23.76	23.80	25
		1	14	23.67	23.70	23.64	25
		8	0	22.62	22.68	22.49	24
		8	3	22.77	22.78	22.73	24
		8	7	22.67	22.73	22.72	24
		15	0	22.75	22.67	22.58	24
	16QAM	1	0	22.83	22.83	22.97	24
		1	7	22.79	22.90	22.93	24
		1	14	22.81	22.84	22.84	24
		8	0	21.69	21.76	21.66	23
		8	3	21.59	21.71	21.77	23
		8	7	21.60	21.69	21.67	23
		15	0	21.75	21.65	21.78	23
	64QAM	1	0	21.66	21.81	21.79	23
		1	7	21.83	21.92	21.95	23
		1	14	21.91	21.85	21.80	23
		8	0	20.66	20.76	20.59	22
		8	3	20.69	20.87	20.70	22
		8	7	20.60	20.73	20.62	22
		15	0	20.72	20.76	20.75	22
	256QAM	1	0	18.64	18.81	18.79	20
		1	7	18.75	18.89	18.73	20
		1	14	18.88	18.80	18.89	20
		8	0	18.66	18.70	18.66	20
		8	3	18.68	18.85	18.90	20
		8	7	18.72	18.77	18.66	20
		15	0	18.74	18.77	18.69	20
BW	Modulation	Channel		18607	18900	19193	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	23.53	23.63	23.62	25
		1	2	23.68	23.77	23.75	25
		1	5	23.66	23.70	23.63	25
		3	0	23.36	23.53	23.32	25
		3	1	23.65	23.49	23.58	25
		3	3	23.45	23.43	23.55	25
		6	0	22.74	22.57	22.67	24
	16QAM	1	0	22.88	22.63	22.96	24
		1	2	22.76	22.91	22.93	24
		1	5	22.88	22.88	22.96	24
		3	0	22.52	22.63	22.47	24
		3	1	22.52	22.66	22.48	24
		3	3	22.50	22.55	22.42	24
		6	0	21.68	21.69	21.76	23
	64QAM	1	0	21.68	21.69	21.65	23
		1	2	21.82	21.86	21.82	23
		1	5	21.87	21.89	21.92	23
		3	0	21.48	21.60	21.40	23
		3	1	21.64	21.72	21.58	23
		3	3	21.50	21.64	21.53	23
		6	0	20.80	20.86	20.75	22
	256QAM	1	0	18.67	18.82	18.80	20
		1	2	18.74	18.87	18.71	20
		1	5	18.84	18.85	18.86	20
		3	0	18.62	18.54	18.68	20
		3	1	18.68	18.79	18.90	20
		3	3	18.79	18.74	18.71	20
		6	0	18.78	18.83	18.64	20

LTE DSI4

LTE Band 4_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	20.84	20.66	20.72	21
		1	50	20.90	20.87	**20.91**	21
		1	99	20.70	20.60	20.84	21
		50	0	20.89	20.77	20.78	21
		50	25	20.90	20.86	20.85	21
		50	50	20.83	20.87	20.83	21
		100	0	20.64	20.79	20.82	21
	16QAM	1	0	20.65	20.70	20.80	21
		1	50	20.64	20.73	20.66	21
		1	99	20.63	20.87	20.77	21
		50	0	20.74	20.79	20.66	21
		50	25	20.64	20.60	20.63	21
		50	50	20.78	20.71	20.69	21
		100	0	20.62	20.70	20.72	21
	64QAM	1	0	20.68	20.62	20.83	21
		1	50	20.77	20.67	20.65	21
		1	99	20.78	20.86	20.73	21
		50	0	20.66	20.79	20.73	21
		50	25	20.76	20.86	20.77	21
		50	50	20.73	20.84	20.75	21
		100	0	20.78	20.79	20.69	21
	256QAM	1	0	18.69	18.82	18.88	19
		1	50	18.68	18.89	18.74	19
		1	99	18.69	18.83	18.68	19
		50	0	18.53	18.65	18.59	19
		50	25	18.72	18.84	18.69	19
		50	50	18.68	18.79	18.78	19
		100	0	18.73	18.75	18.63	19
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	20.81	20.66	20.64	21
		1	37	20.80	20.72	20.77	21
		1	74	20.58	20.91	20.83	21
		36	0	20.85	20.77	20.70	21
		36	19	20.81	20.76	20.75	21
		36	39	20.81	20.72	20.78	21
		75	0	20.53	20.64	20.71	21
		75	0	20.55	20.59	20.77	21
	16QAM	1	37	20.78	20.65	20.55	21
		1	74	20.61	20.72	20.77	21
		36	0	20.60	20.70	20.54	21
		36	19	20.69	20.50	20.58	21
		36	39	20.75	20.61	20.64	21
		75	0	20.48	20.59	20.57	21
		1	0	20.66	20.58	20.79	21
	64QAM	1	37	20.75	20.63	20.62	21
		1	74	20.68	20.82	20.59	21
		36	0	20.60	20.65	20.67	21
		36	19	20.65	20.81	20.67	21
		36	39	20.60	20.60	20.65	21
		75	0	20.64	20.69	20.68	21
		1	0	18.66	18.67	18.82	19
	256QAM	1	37	18.74	18.85	18.64	19
		1	74	18.55	18.72	18.62	19
		36	0	18.44	18.50	18.57	19
		36	19	18.61	18.71	18.63	19
		36	39	18.65	18.71	18.70	19
		75	0	18.66	18.60	18.61	19
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1710	1732.5	1755	
10M	QPSK	1	0	20.69	20.73	20.64	21
		1	24	20.80	20.84	20.76	21
		1	49	20.61	20.45	20.73	21
		25	0	20.86	20.73	20.64	21
		25	12	20.83	20.82	20.72	21
		25	25	20.80	20.72	20.77	21
		50	0	20.61	20.72	20.82	21
	16QAM	1	0	20.57	20.62	20.68	21
		1	24	20.84	20.60	20.54	21
		1	49	20.57	20.82	20.76	21
		25	0	20.74	20.64	20.51	21
		25	12	20.82	20.49	20.57	21
		25	25	20.70	20.67	20.68	21
		50	0	20.57	20.66	20.58	21
	64QAM	1	0	20.53	20.52	20.68	21
		1	24	20.72	20.63	20.54	21
		1	49	20.67	20.80	20.59	21
		25	0	20.63	20.73	20.58	21
		25	12	20.66	20.78	20.70	21
		25	25	20.72	20.71	20.62	21
		50	0	20.77	20.73	20.65	21
	256QAM	1	0	18.68	18.74	18.80	19
		1	24	18.87	18.77	18.73	19
		1	49	18.54	18.69	18.59	19
		25	0	18.41	18.59	18.47	19
		25	12	18.60	18.69	18.63	19
		25	25	18.66	18.69	18.74	19
		50	0	18.71	18.67	18.52	19
BW	Modulation	Channel		19975	20175	20375	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	20.72	20.76	20.61	21
		1	12	20.87	20.76	20.87	21
		1	24	20.61	20.55	20.83	21
		12	0	20.89	20.62	20.70	21
		12	6	20.90	20.75	20.72	21
		12	13	20.68	20.78	20.69	21
		25	0	20.54	20.70	20.77	21
	16QAM	1	0	20.52	20.65	20.78	21
		1	12	20.69	20.69	20.66	21
		1	24	20.54	20.75	20.62	21
		12	0	20.71	20.68	20.65	21
		12	6	20.76	20.53	20.50	21
		12	13	20.60	20.58	20.57	21
		25	0	20.48	20.64	20.67	21
	64QAM	1	0	20.65	20.49	20.80	21
		1	12	20.68	20.54	20.54	21
		1	24	20.65	20.76	20.66	21
		12	0	20.42	20.74	20.60	21
		12	6	20.65	20.62	20.59	21
		12	13	20.49	20.70	20.69	21
		25	0	20.55	20.67	20.58	21
	256QAM	1	0	18.45	18.66	18.68	19
		1	12	18.74	18.79	18.45	19
		1	24	18.51	18.64	18.49	19
		12	0	18.46	18.39	18.43	19
		12	6	18.53	18.77	18.60	19
		12	13	18.41	18.60	18.70	19
		25	0	18.61	18.53	18.50	19
BW	Modulation	Channel		19965	20175	20385	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	20.77	20.76	20.61	21
		1	7	20.77	20.84	20.80	21
		1	14	20.69	20.52	20.72	21
		8	0	20.76	20.68	20.65	21
		8	3	20.76	20.83	20.83	21
		8	7	20.82	20.86	20.80	21
		15	0	20.54	20.79	20.79	21
	16QAM	1	0	20.56	20.85	20.79	21
		1	7	20.69	20.72	20.55	21
		1	14	20.58	20.77	20.64	21
		8	0	20.59	20.68	20.62	21
		8	3	20.72	20.47	20.63	21
		8	7	20.69	20.63	20.55	21
		15	0	20.55	20.65	20.69	21
	64QAM	1	0	20.57	20.47	20.80	21
		1	7	20.62	20.61	20.58	21
		1	14	20.75	20.73	20.69	21
		8	0	20.56	20.71	20.65	21
		8	3	20.74	20.83	20.62	21
		8	7	20.65	20.82	20.66	21
		15	0	20.77	20.74	20.65	21
	256QAM	1	0	18.66	18.77	18.79	19
		1	7	18.76	18.88	18.70	19
		1	14	18.54	18.79	18.61	19
		8	0	18.49	18.57	18.44	19
		8	3	18.69	18.83	18.66	19
		8	7	18.63	18.68	18.65	19
		15	0	18.70	18.65	18.55	19
BW	Modulation	Channel		19957	20175	20393	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	20.75	20.71	20.65	21
		1	2	20.85	20.85	20.82	21
		1	5	20.64	20.49	20.80	21
		3	0	20.75	20.66	20.71	21
		3	1	20.78	20.88	20.84	21
		3	3	20.72	20.70	20.69	21
		6	0	20.56	20.71	20.78	21
	16QAM	1	0	20.51	20.66	20.66	21
		1	2	20.73	20.63	20.51	21
		1	5	20.61	20.80	20.65	21
		3	0	20.69	20.79	20.61	21
		3	1	20.72	20.52	20.63	21
		3	3	20.69	20.71	20.63	21
		6	0	20.47	20.55	20.65	21
	64QAM	1	0	20.59	20.51	20.81	21
		1	2	20.62	20.61	20.57	21
		1	5	20.75	20.81	20.61	21
		3	0	20.59	20.75	20.67	21
		3	1	20.81	20.74	20.69	21
		3	3	20.58	20.76	20.69	21
		6	0	20.55	20.66	20.63	21
	256QAM	1	0	18.60	18.65	18.83	19
		1	2	18.78	18.68	18.64	19
		1	5	18.47	18.61	18.62	19
		3	0	18.32	18.51	18.36	19
		3	1	18.56	18.68	18.63	19
		3	3	18.59	18.71	18.65	19
		6	0	18.51	18.59	18.50	19

LTE Band 4_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	24.51	24.67	24.65	25.5
		1	50	24.72	**24.77**	24.76	25.5
		1	99	24.61	24.62	24.51	25.5
		50	0	23.71	23.62	23.53	24.5
		50	25	23.76	23.79	23.77	24.5
		50	50	23.75	23.77	23.72	24.5
		100	0	23.69	23.73	23.62	24.5
	16QAM	1	0	23.69	23.61	23.59	24.5
		1	50	23.77	23.74	23.60	24.5
		1	99	23.73	23.72	23.62	24.5
		50	0	22.63	22.69	22.66	23.5
		50	25	22.71	22.76	22.75	23.5
		50	50	22.77	22.80	22.69	23.5
		100	0	22.73	22.74	22.63	23.5
	64QAM	1	0	22.59	22.61	22.47	23.5
		1	50	22.62	22.70	22.67	23.5
		1	99	22.64	22.71	22.61	23.5
		50	0	21.62	21.74	21.64	22.5
		50	25	21.76	21.82	21.81	22.5
		50	50	21.66	21.73	21.68	22.5
		100	0	21.67	21.72	21.62	22.5
	256QAM	1	0	19.53	19.64	19.51	20.5
		1	50	19.65	19.89	19.59	20.5
		1	99	19.65	19.79	19.67	20.5
		50	0	19.87	19.88	19.87	20.5
		50	25	19.68	19.68	19.59	20.5
		50	50	19.60	19.71	19.58	20.5
		100	0	19.62	19.76	19.72	20.5
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	24.37	24.54	24.44	25.5
		1	37	24.60	24.68	24.66	25.5
		1	74	24.49	24.77	24.47	25.5
		36	0	23.62	23.52	23.50	24.5
		36	19	23.63	23.69	23.74	24.5
		36	39	23.74	23.72	23.66	24.5
		75	0	23.45	23.63	23.56	24.5
		75	0	23.61	23.60	23.56	24.5
	16QAM	1	37	23.70	23.65	23.52	24.5
		1	74	23.59	23.71	23.47	24.5
		36	0	22.55	22.59	22.65	23.5
		36	19	22.59	22.62	22.63	23.5
		36	39	22.74	22.70	22.66	23.5
		75	0	22.67	22.72	22.59	23.5
		1	0	22.54	22.50	22.34	23.5
	64QAM	1	37	22.48	22.72	22.65	23.5
		1	74	22.61	22.56	22.46	23.5
		36	0	21.60	21.63	21.56	22.5
		36	19	21.50	21.69	21.55	22.5
		36	39	21.63	21.62	21.60	22.5
		75	0	21.59	21.61	21.48	22.5
		1	0	19.48	19.56	19.43	20.5
	256QAM	1	37	19.73	19.85	19.75	20.5
		1	74	19.54	19.65	19.62	20.5
		36	0	19.83	19.82	19.86	20.5
		36	19	19.64	19.62	19.43	20.5
		36	39	19.55	19.58	19.56	20.5
		75	0	19.61	19.70	19.64	20.5
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	24.49	24.54	24.51	25.5
		1	24	24.69	24.74	24.71	25.5
		1	49	24.51	24.51	24.50	25.5
		25	0	23.57	23.59	23.46	24.5
		25	12	23.65	23.70	23.62	24.5
		25	25	23.67	23.64	23.69	24.5
		50	0	23.57	23.58	23.56	24.5
	16QAM	1	0	23.63	23.48	23.44	24.5
		1	24	23.72	23.61	23.58	24.5
		1	49	23.59	23.57	23.60	24.5
		25	0	22.58	22.63	22.61	23.5
		25	12	22.62	22.62	22.66	23.5
		25	25	22.68	22.77	22.56	23.5
		50	0	22.71	22.64	22.58	23.5
	64QAM	1	0	22.54	22.59	22.39	23.5
		1	24	22.60	22.65	22.64	23.5
		1	49	22.50	22.64	22.60	23.5
		25	0	21.53	21.69	21.60	22.5
		25	12	21.50	21.61	21.58	22.5
		25	25	21.65	21.59	21.57	22.5
		50	0	21.62	21.63	21.46	22.5
	256QAM	1	0	19.38	19.54	19.46	20.5
		1	24	19.74	19.81	19.68	20.5
		1	49	19.57	19.71	19.57	20.5
		25	0	19.84	19.76	19.74	20.5
		25	12	19.64	19.53	19.43	20.5
		25	25	19.59	19.58	19.48	20.5
		50	0	19.58	19.61	19.57	20.5
BW	Modulation	Channel		19975	20175	20375	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	24.35	24.52	24.44	25.5
		1	12	24.48	24.63	24.55	25.5
		1	24	24.51	24.56	24.38	25.5
		12	0	23.44	23.36	23.30	24.5
		12	6	23.55	23.66	23.50	24.5
		12	13	23.55	23.61	23.59	24.5
		25	0	23.51	23.37	23.48	24.5
	16QAM	1	0	23.65	23.47	23.47	24.5
		1	12	23.69	23.58	23.46	24.5
		1	24	23.51	23.56	23.38	24.5
		12	0	22.52	22.52	22.56	23.5
		12	6	22.54	22.61	22.62	23.5
		12	13	22.64	22.62	22.51	23.5
		25	0	22.53	22.68	22.33	23.5
	64QAM	1	0	22.44	22.52	22.41	23.5
		1	12	22.48	22.55	22.57	23.5
		1	24	22.40	22.59	22.53	23.5
		12	0	21.50	21.58	21.52	22.5
		12	6	21.52	21.64	21.39	22.5
		12	13	21.48	21.58	21.53	22.5
		25	0	21.55	21.52	21.49	22.5
	256QAM	1	0	19.36	19.55	19.42	20.5
		1	12	19.50	19.75	19.48	20.5
		1	24	19.54	19.62	19.52	20.5
		12	0	19.63	19.77	19.70	20.5
		12	6	19.51	19.44	19.35	20.5
		12	13	19.41	19.61	19.38	20.5
		25	0	19.37	19.65	19.65	20.5
BW	Modulation	Channel		19965	20175	20385	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	24.47	24.64	24.58	25.5
		1	7	24.59	24.63	24.75	25.5
		1	14	24.55	24.57	24.38	25.5
		8	0	23.70	23.61	23.56	24.5
		8	3	23.71	23.70	23.66	24.5
		8	7	23.63	23.62	23.71	24.5
		15	0	23.62	23.69	23.48	24.5
	16QAM	1	0	23.62	23.55	23.53	24.5
		1	7	23.73	23.61	23.49	24.5
		1	14	23.68	23.62	23.50	24.5
		8	0	22.54	22.56	22.62	23.5
		8	3	22.60	22.63	22.65	23.5
		8	7	22.74	22.75	22.62	23.5
		15	0	22.72	22.65	22.57	23.5
	64QAM	1	0	22.57	22.60	22.39	23.5
		1	7	22.51	22.71	22.56	23.5
		1	14	22.55	22.67	22.52	23.5
		8	0	21.56	21.72	21.60	22.5
		8	3	21.58	21.72	21.56	22.5
		8	7	21.65	21.67	21.66	22.5
		15	0	21.59	21.65	21.47	22.5
	256QAM	1	0	19.44	19.59	19.43	20.5
		1	7	19.77	19.87	19.75	20.5
		1	14	19.64	19.66	19.55	20.5
		8	0	19.66	19.67	19.61	20.5
		8	3	19.65	19.65	19.48	20.5
		8	7	19.52	19.64	19.57	20.5
		15	0	19.47	19.64	19.63	20.5
BW	Modulation	Channel		19957	20175	20393	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	24.38	24.55	24.63	25.5
		1	2	24.71	24.65	24.66	25.5
		1	5	24.58	24.48	24.46	25.5
		3	0	24.66	24.52	24.49	25.5
		3	1	24.63	24.70	24.66	25.5
		3	3	24.63	24.66	24.69	25.5
		6	0	23.65	23.61	23.55	24.5
	16QAM	1	0	23.60	23.54	23.44	24.5
		1	2	23.65	23.59	23.59	24.5
		1	5	23.67	23.70	23.57	24.5
		3	0	23.48	23.55	23.56	24.5
		3	1	23.56	23.65	23.69	24.5
		3	3	23.65	23.68	23.54	24.5
		6	0	22.71	22.71	22.55	23.5
	64QAM	1	0	22.48	22.54	22.39	23.5
		1	2	22.49	22.64	22.53	23.5
		1	5	22.62	22.63	22.55	23.5
		3	0	22.60	22.70	22.51	23.5
		3	1	22.48	22.70	22.47	23.5
		3	3	22.59	22.59	22.58	23.5
		6	0	21.56	21.60	21.54	22.5
	256QAM	1	0	19.46	19.55	19.45	20.5
		1	2	19.73	19.79	19.66	20.5
		1	5	19.64	19.71	19.61	20.5
		3	0	19.73	19.81	19.85	20.5
		3	1	19.65	19.61	19.41	20.5
		3	3	19.56	19.67	19.58	20.5
		6	0	19.50	19.71	19.59	20.5

LTE Band 4_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	24.56	24.38	24.44	25.5
		1	50	**24.67**	24.59	24.65	25.5
		1	99	24.61	24.57	24.56	25.5
		50	0	23.66	23.64	23.61	24.5
		50	25	23.71	23.75	23.72	24.5
		50	50	23.79	23.78	23.74	24.5
		100	0	23.81	23.77	23.79	24.5
	16QAM	1	0	23.64	23.62	23.58	24.5
		1	50	23.77	23.70	23.66	24.5
		1	99	23.71	23.62	23.66	24.5
		50	0	22.69	22.58	22.61	23.5
		50	25	22.71	22.70	22.61	23.5
		50	50	22.78	22.65	22.63	23.5
		100	0	22.68	22.57	22.66	23.5
	64QAM	1	0	22.54	22.39	22.52	23.5
		1	50	22.63	22.69	22.69	23.5
		1	99	22.78	22.65	22.72	23.5
		50	0	21.68	21.67	21.67	22.5
		50	25	21.75	21.62	21.65	22.5
		50	50	21.71	21.58	21.68	22.5
		100	0	21.74	21.65	21.82	22.5
	256QAM	1	0	19.62	19.55	19.49	20.5
		1	50	19.79	19.71	19.67	20.5
		1	99	19.68	19.65	19.60	20.5
		50	0	19.61	19.48	19.54	20.5
		50	25	19.74	19.63	19.74	20.5
		50	50	19.62	19.51	19.54	20.5
		100	0	19.73	19.65	19.70	20.5
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	24.55	24.26	24.35	25.5
		1	37	24.54	24.55	24.59	25.5
		1	74	24.49	24.43	24.51	25.5
		36	0	23.55	23.53	23.57	24.5
		36	19	23.58	23.64	23.71	24.5
		36	39	23.69	23.75	23.66	24.5
		75	0	23.72	23.69	23.58	24.5
		1	0	23.52	23.57	23.57	24.5
	16QAM	1	37	23.72	23.65	23.61	24.5
		1	74	23.66	23.47	23.58	24.5
		36	0	22.56	22.43	22.56	23.5
		36	19	22.64	22.67	22.52	23.5
		36	39	22.76	22.56	22.57	23.5
		75	0	22.66	22.53	22.57	23.5
		1	0	22.41	22.33	22.41	23.5
	64QAM	1	37	22.72	22.54	22.57	23.5
		1	74	22.63	22.64	22.71	23.5
		36	0	21.61	21.54	21.53	22.5
		36	19	21.73	21.61	21.49	22.5
		36	39	21.67	21.44	21.55	22.5
		75	0	21.59	21.50	21.48	22.5
		1	0	19.54	19.45	19.47	20.5
	256QAM	1	37	19.72	19.65	19.60	20.5
		1	74	19.55	19.55	19.48	20.5
		36	0	19.54	19.40	19.50	20.5
		36	19	19.71	19.61	19.62	20.5
		36	39	19.54	19.46	19.43	20.5
		75	0	19.61	19.52	19.47	20.5
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	24.41	24.27	24.39	25.5
		1	24	24.63	24.45	24.64	25.5
		1	49	24.53	24.44	24.46	25.5
		25	0	23.58	23.50	23.47	24.5
		25	12	23.63	23.71	23.57	24.5
		25	25	23.77	23.75	23.63	24.5
		50	0	23.70	23.74	23.69	24.5
	16QAM	1	0	23.55	23.59	23.55	24.5
		1	24	23.63	23.35	23.55	24.5
		1	49	23.58	23.54	23.64	24.5
		25	0	22.60	22.46	22.56	23.5
		25	12	22.61	22.65	22.59	23.5
		25	25	22.72	22.61	22.51	23.5
		50	0	22.53	22.46	22.62	23.5
	64QAM

LTE DSI4

LTE Band 5_Ant0							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	24.55	24.59	24.56	25.5
		1	24	24.69	**24.75**	24.60	25.5
		1	49	24.29	24.38	24.31	25.5
		25	0	23.57	23.61	23.54	24.5
		25	12	23.67	23.73	23.71	24.5
		25	25	23.48	23.66	23.56	24.5
		50	0	23.46	23.57	23.52	24.5
	16QAM	1	0	24.02	23.97	23.92	24.5
		1	24	23.95	24.08	23.96	24.5
		1	49	23.98	23.91	23.80	24.5
		25	0	22.63	22.68	22.59	23.5
		25	12	22.73	22.75	22.76	23.5
		25	25	22.45	22.62	22.65	23.5
		50	0	22.57	22.57	22.58	23.5
	64QAM	1	0	22.69	22.74	22.67	23.5
		1	24	22.73	22.81	22.62	23.5
		1	49	22.72	22.80	22.59	23.5
		25	0	21.38	21.55	21.51	22.5
		25	12	21.52	21.76	21.56	22.5
		25	25	21.52	21.50	21.47	22.5
		50	0	21.58	21.67	21.52	22.5
	256QAM	1	0	19.41	19.57	19.37	20.5
		1	24	19.72	19.62	19.61	20.5
		1	49	19.62	19.77	19.69	20.5
		25	0	19.38	19.55	19.48	20.5
		25	12	19.51	19.68	19.61	20.5
		25	25	19.37	19.59	19.38	20.5
		50	0	19.60	19.75	19.54	20.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	24.40	24.55	24.45	25.5
		1	12	24.61	24.68	24.55	25.5
		1	24	24.20	24.34	24.28	25.5
		12	0	23.52	23.57	23.53	24.5
		12	6	23.60	23.65	23.70	24.5
		12	13	23.35	23.56	23.51	24.5
		25	0	23.36	23.39	23.50	24.5
	16QAM	1	0	23.95	23.95	23.80	24.5
		1	12	23.87	24.01	23.82	24.5
		1	24	23.97	23.80	23.78	24.5
		12	0	22.62	22.67	22.54	23.5
		12	6	22.61	22.70	22.68	23.5
		12	13	22.33	22.60	22.54	23.5
		25	0	22.43	22.48	22.47	23.5
	64QAM	1	0	22.63	22.71	22.66	23.5
		1	12	22.69	22.73	22.60	23.5
		1	24	22.57	22.68	22.50	23.5
		12	0	21.35	21.54	21.45	22.5
		12	6	21.50	21.74	21.47	22.5
		12	13	21.50	21.35	21.37	22.5
		25	0	21.45	21.63	21.44	22.5
	256QAM	1	0	19.38	19.50	19.27	20.5
		1	12	19.63	19.61	19.52	20.5
		1	24	19.58	19.73	19.66	20.5
		12	0	19.26	19.45	19.43	20.5
		12	6	19.49	19.55	19.57	20.5
		12	13	19.35	19.45	19.36	20.5
		25	0	19.50	19.64	19.47	20.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	24.53	24.56	24.50	25.5
		1	7	24.62	24.64	24.53	25.5
		1	14	24.19	24.34	24.20	25.5
		8	0	23.43	23.46	23.53	24.5
		8	3	23.64	23.59	23.56	24.5
		8	7	23.33	23.57	23.50	24.5
		15	0	23.32	23.41	23.48	24.5
	16QAM	1	0	23.98	23.88	23.85	24.5
		1	7	23.89	23.98	23.92	24.5
		1	14	23.92	23.89	23.67	24.5
		8	0	22.59	22.56	22.58	23.5
		8	3	22.71	22.74	22.65	23.5
		8	7	22.40	22.48	22.57	23.5
		15	0	22.45	22.47	22.47	23.5
	64QAM	1	0	22.62	22.73	22.60	23.5
		1	7	22.70	22.73	22.55	23.5
		1	14	22.58	22.77	22.53	23.5
		8	0	21.29	21.48	21.36	22.5
		8	3	21.51	21.73	21.41	22.5
		8	7	21.43	21.42	21.34	22.5
		15	0	21.43	21.54	21.41	22.5
	256QAM	1	0	19.39	19.47	19.22	20.5
		1	7	19.57	19.61	19.57	20.5
		1	14	19.58	19.65	19.62	20.5
		8	0	19.33	19.45	19.38	20.5
		8	3	19.46	19.66	19.50	20.5
		8	7	19.36	19.51	19.36	20.5
		15	0	19.47	19.60	19.52	20.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	24.43	24.50	24.49	25.5
		1	2	24.61	24.60	24.58	25.5
		1	5	24.15	24.33	24.25	25.5
		3	0	24.29	24.31	24.30	25.5
		3	1	24.32	24.50	24.41	25.5
		3	3	24.16	24.43	24.33	25.5
		6	0	23.38	23.46	23.52	24.5
	16QAM	1	0	23.95	23.86	23.89	24.5
		1	2	23.87	23.93	23.87	24.5
		1	5	23.89	23.76	23.78	24.5
		3	0	23.36	23.35	23.24	24.5
		3	1	23.38	23.52	23.41	24.5
		3	3	23.19	23.29	23.36	24.5
		6	0	22.49	22.43	22.45	23.5
	64QAM	1	0	22.55	22.65	22.66	23.5
		1	2	22.59	22.69	22.58	23.5
		1	5	22.62	22.72	22.46	23.5
		3	0	22.05	22.26	22.19	23.5
		3	1	22.30	22.44	22.33	23.5
		3	3	22.25	22.18	22.24	23.5
		6	0	21.50	21.65	21.39	22.5
	256QAM	1	0	19.37	19.43	19.29	20.5
		1	2	19.62	19.50	19.48	20.5
		1	5	19.59	19.63	19.54	20.5
		3	0	19.23	19.49	19.43	20.5
		3	1	19.44	19.59	19.51	20.5
		3	3	19.26	19.56	19.34	20.5
		6	0	19.56	19.69	19.52	20.5

LTE Band 5_Ant1							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	20.93	20.85	20.83	22
		1	24	**20.98**	20.89	20.93	22
		1	49	20.88	20.69	20.52	22
		25	0	20.78	20.76	20.67	22
		25	12	20.87	20.82	20.74	22
		25	25	20.77	20.72	20.68	22
		50	0	20.86	20.79	20.66	22
	16QAM	1	0	20.59	20.70	20.67	22
		1	24	20.65	20.70	20.59	22
		1	49	20.53	20.48	20.77	22
		25	0	20.53	20.36	20.72	22
		25	12	20.70	20.80	20.82	22
		25	25	20.75	20.58	20.63	22
		50	0	20.77	20.65	20.66	22
	64QAM	1	0	20.61	20.61	20.74	22
		1	24	20.50	20.65	20.77	22
		1	49	20.57	20.56	20.44	22
		25	0	20.83	20.81	20.84	22
		25	12	20.87	20.81	20.76	22
		25	25	20.79	20.59	20.71	22
		50	0	20.56	20.69	20.66	22
	256QAM	1	0	19.75	19.51	19.67	21
		1	24	20.03	19.91	19.85	21
		1	49	19.74	19.75	19.59	21
		25	0	19.80	19.61	19.68	21
		25	12	19.84	19.74	19.84	21
		25	25	19.96	19.92	19.89	21
		50	0	19.95	19.74	19.92	21
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	20.87	20.81	20.77	22
		1	12	20.88	20.87	20.78	22
		1	24	20.82	20.66	20.49	22
		12	0	20.73	20.66	20.53	22
		12	6	20.75	20.73	20.67	22
		12	13	20.72	20.71	20.58	22
		25	0	20.77	20.70	20.53	22
	16QAM	1	0	20.51	20.60	20.63	22
		1	12	20.51	20.59	20.57	22
		1	24	20.42	20.42	20.72	22
		12	0	20.41	20.27	20.69	22
		12	6	20.56	20.79	20.70	22
		12	13	20.60	20.48	20.58	22
		25	0	20.63	20.61	20.61	22
	64QAM	1	0	20.50	20.54	20.66	22
		1	12	20.44	20.51	20.73	22
		1	24	20.52	20.55	20.39	22
		12	0	20.70	20.67	20.77	22
		12	6	20.83	20.68	20.66	22
		12	13	20.73	20.54	20.60	22
		25	0	20.55	20.65	20.59	22
	256QAM	1	0	19.67	19.45	19.53	21
		1	12	20.00	19.77	19.84	21
		1	24	19.63	19.67	19.53	21
		12	0	19.76	19.58	19.64	21
		12	6	19.79	19.60	19.80	21
		12	13	19.89	19.85	19.77	21
		25	0	19.80	19.60	19.86	21
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	20.83	20.77	20.78	22
		1	7	20.86	20.75	20.89	22
		1	14	20.83	20.62	20.49	22
		8	0	20.72	20.70	20.59	22
		8	3	20.84	20.79	20.66	22
		8	7	20.66	20.62	20.60	22
		15	0	20.84	20.70	20.52	22
	16QAM	1	0	20.45	20.55	20.52	22
		1	7	20.58	20.62	20.54	22
		1	14	20.50	20.42	20.67	22
		8	0	20.45	20.31	20.63	22
		8	3	20.68	20.72	20.67	22
		8	7	20.66	20.48	20.50	22
		15	0	20.75	20.57	20.61	22
	64QAM	1	0	20.49	20.51	20.64	22
		1	7	20.35	20.58	20.76	22
		1	14	20.55	20.42	20.32	22
		8	0	20.79	20.79	20.78	22
		8	3	20.82	20.72	20.66	22
		8	7	20.66	20.48	20.67	22
		15	0	20.49	20.54	20.62	22
	256QAM	1	0	19.61	19.45	19.62	21
		1	7	19.89	19.80	19.83	21
		1	14	19.62	19.63	19.52	21
		8	0	19.70	19.47	19.65	21
		8	3	19.70	19.69	19.78	21
		8	7	19.86	19.86	19.79	21
		15	0	19.94	19.69	19.87	21
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	20.88	20.76	20.75	22
		1	2	20.90	20.74	20.92	22
		1	5	20.76	20.66	20.46	22
		3	0	20.65	20.70	20.61	22
		3	1	20.83	20.75	20.65	22
		3	3	20.73	20.62	20.65	22
		6	0	20.80	20.76	20.53	22
	16QAM	1	0	20.45	20.68	20.62	22
		1	2	20.62	20.58	20.47	22
		1	5	20.41	20.36	20.75	22
		3	0	20.40	20.30	20.70	22
		3	1	20.67	20.73	20.73	22
		3	3	20.65	20.43	20.51	22
		6	0	20.73	20.63	20.56	22
	64QAM	1	0	20.55	20.54	20.59	22
		1	2	20.47	20.55	20.65	22
		1	5	20.47	20.47	20.35	22
		3	0	20.73	20.70	20.73	22
		3	1	20.73	20.75	20.65	22
		3	3	20.72	20.49	20.67	22
		6	0	20.42	20.62	20.60	22
	256QAM	1	0	19.62	19.49	19.60	21
		1	2	19.95	19.77	19.80	21
		1	5	19.72	19.65	19.53	21
		3	0	19.73	19.60	19.66	21
		3	1	19.77	19.62	19.71	21
		3	3	19.85	19.82	19.80	21
		6	0	19.89	19.60	19.81	21

LTE DSI4

LTE Band 7_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	20.79	20.81	**20.86**	21
		1	50	20.73	20.75	20.79	21
		1	99	20.68	20.60	20.38	21
		50	0	20.76	20.74	20.82	21
		50	25	20.72	20.69	20.60	21
		50	50	20.63	20.70	20.55	21
		100	0	20.75	20.69	20.83	21
	16QAM	1	0	20.52	20.67	20.56	21
		1	50	20.63	20.58	20.58	21
		1	99	20.46	20.39	20.71	21
		50	0	20.49	20.34	20.59	21
		50	25	20.65	20.72	20.61	21
		50	50	20.60	20.57	20.50	21
		100	0	20.72	20.52	20.55	21
	64QAM	1	0	20.47	20.57	20.69	21
		1	50	20.41	20.64	20.64	21
		1	99	20.53	20.45	20.29	21
		50	0	20.77	20.75	20.74	21
		50	25	20.79	20.67	20.74	21
		50	50	20.74	20.45	20.67	21
		100	0	20.46	20.59	20.58	21
	256QAM	1	0	18.88	18.79	18.87	19
		1	50	18.83	18.92	18.89	19
		1	99	18.74	18.91	18.82	19
		50	0	18.81	18.81	18.93	19
		50	25	18.66	18.75	18.77	19
		50	50	18.59	18.72	18.80	19
		100	0	18.85	18.88	18.82	19
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	20.77	20.74	20.71	21
		1	37	20.62	20.65	20.67	21
		1	74	20.65	20.47	20.36	21
		36	0	20.74	20.71	20.70	21
		36	19	20.62	20.68	20.52	21
		36	39	20.61	20.65	20.43	21
		75	0	20.63	20.63	20.75	21
	16QAM	1	0	20.39	20.66	20.53	21
		1	37	20.59	20.47	20.56	21
		1	74	20.35	20.27	20.60	21
		36	0	20.48	20.24	20.50	21
		36	19	20.61	20.64	20.67	21
		36	39	20.55	20.55	20.40	21
		75	0	20.59	20.45	20.43	21
	64QAM	1	0	20.34	20.50	20.64	21
		1	37	20.27	20.50	20.63	21
		1	74	20.44	20.38	20.18	21
		36	0	20.67	20.71	20.73	21
		36	19	20.64	20.56	20.63	21
		36	39	20.70	20.31	20.54	21
		75	0	20.37	20.44	20.57	21
	256QAM	1	0	18.77	18.74	18.76	19
		1	37	18.69	18.90	18.79	19
		1	74	18.72	18.78	18.80	19
		36	0	18.72	18.75	18.92	19
		36	19	18.51	18.74	18.75	19
		36	39	18.47	18.70	18.74	19
		75	0	18.83	18.84	18.72	19
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	20.74	20.68	20.76	21
		1	24	20.66	20.65	20.71	21
		1	49	20.66	20.56	20.26	21
		25	0	20.63	20.71	20.73	21
		25	12	20.61	20.63	20.46	21
		25	25	20.49	20.56	20.43	21
		50	0	20.73	20.64	20.82	21
	16QAM	1	0	20.41	20.57	20.42	21
		1	24	20.54	20.57	20.49	21
		1	49	20.44	20.38	20.58	21
		25	0	20.43	20.22	20.46	21
		25	12	20.53	20.71	20.78	21
		25	25	20.47	20.47	20.44	21
		50	0	20.68	20.48	20.49	21
	64QAM	1	0	20.42	20.43	20.62	21
		1	24	20.36	20.52	20.55	21
		1	49	20.46	20.44	20.23	21
		25	0	20.63	20.69	20.72	21
		25	12	20.68	20.53	20.60	21
		25	25	20.61	20.38	20.61	21
		50	0	20.35	20.55	20.50	21
	256QAM	1	0	18.74	18.74	18.85	19
		1	24	18.69	18.79	18.74	19
		1	49	18.72	18.81	18.76	19
		25	0	18.73	18.80	18.81	19
		25	12	18.57	18.71	18.66	19
		25	25	18.50	18.66	18.65	19
		50	0	18.83	18.86	18.76	19
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	20.67	20.77	20.78	21
		1	12	20.60	20.73	20.67	21
		1	24	20.62	20.46	20.30	21
		12	0	20.72	20.68	20.72	21
		12	6	20.67	20.56	20.49	21
		12	13	20.54	20.65	20.45	21
		25	0	20.62	20.65	20.68	21
	16QAM	1	0	20.38	20.57	20.49	21
		1	12	20.48	20.46	20.54	21
		1	24	20.33	20.35	20.60	21
		12	0	20.34	20.25	20.45	21
		12	6	20.55	20.71	20.78	21
		12	13	20.47	20.50	20.39	21
		25	0	20.64	20.44	20.54	21
	64QAM	1	0	20.46	20.55	20.67	21
		1	12	20.35	20.55	20.63	21
		1	24	20.48	20.32	20.16	21
		12	0	20.69	20.73	20.61	21
		12	6	20.69	20.60	20.69	21
		12	13	20.61	20.39	20.64	21
		25	0	20.42	20.55	20.50	21
	256QAM	1	0	18.78	18.78	18.76	19
		1	12	18.74	18.70	18.76	19
		1	24	18.59	18.90	18.69	19
		12	0	18.78	18.71	18.87	19
		12	6	18.52	18.72	18.71	19
		12	13	18.56	18.63	18.66	19
		25	0	18.71	18.79	18.68	19

LTE Band 7_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	22.65	**22.67**	22.51	23.5
		1	50	22.61	22.52	22.49	23.5
		1	99	22.48	22.42	22.37	23.5
		50	0	22.60	22.59	22.46	23.5
		50	25	22.36	22.26	22.45	23.5
		50	50	22.27	22.22	22.42	23.5
		100	0	22.57	22.61	22.46	23.5
	16QAM	1	0	22.27	22.44	22.39	23.5
		1	50	22.22	22.38	22.30	23.5
		1	99	22.31	22.31	22.35	23.5
		50	0	22.49	22.22	22.35	23.5
		50	25	22.35	22.37	22.41	23.5
		50	50	22.29	22.47	22.33	23.5
		100	0	22.39	22.46	22.31	23.5
	64QAM	1	0	22.47	22.36	22.40	23.5
		1	50	22.44	22.48	22.23	23.5
		1	99	22.35	22.31	22.49	23.5
		50	0	21.49	21.57	21.64	22.5
		50	25	21.23	21.49	21.60	22.5
		50	50	21.22	21.42	21.40	22.5
		100	0	21.43	21.58	21.23	22.5
	256QAM	1	0	19.51	19.64	19.45	20.5
		1	50	19.36	19.55	19.28	20.5
		1	99	19.05	19.29	19.09	20.5
		50	0	19.51	19.58	19.83	20.5
		50	25	19.22	19.62	19.67	20.5
		50	50	19.30	19.43	19.68	20.5
		100	0	19.26	19.36	19.33	20.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	22.51	22.58	22.50	23.5
		1	37	22.50	22.43	22.43	23.5
		1	74	22.43	22.32	22.28	23.5
		36	0	22.36	22.50	22.43	23.5
		36	19	22.28	22.12	22.42	23.5
		36	39	22.17	22.10	22.33	23.5
		75	0	22.56	22.58	22.31	23.5
	16QAM	1	0	22.16	22.30	22.32	23.5
		1	37	22.09	22.24	22.28	23.5
		1	74	22.22	22.16	22.34	23.5
		36	0	22.39	22.16	21.87	23.5
		36	19	22.33	22.29	22.31	23.5
		36	39	22.22	22.45	22.18	23.5
		75	0	22.33	22.37	22.17	23.5
	64QAM	1	0	22.40	22.31	22.36	23.5
		1	37	22.38	22.47	22.10	23.5
		1	74	22.23	22.27	22.35	23.5
		36	0	21.37	21.51	21.55	22.5
		36	19	21.19	21.36	21.49	22.5
		36	39	21.11	21.31	21.37	22.5
		75	0	21.41	21.43	21.12	22.5
	256QAM	1	0	19.49	19.56	19.35	20.5
		1	37	19.31	19.52	19.15	20.5
		1	74	19.00	19.28	19.05	20.5
		36	0	19.48	19.54	19.77	20.5
		36	19	19.08	19.59	19.66	20.5
		36	39	19.26	19.35	19.58	20.5
		75	0	19.25	19.23	19.20	20.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	22.60	22.54	22.40	23.5
		1	24	22.48	22.42	22.39	23.5
		1	49	22.40	22.28	22.34	23.5
		25	0	22.38	22.45	22.32	23.5
		25	12	22.24	22.20	22.31	23.5
		25	25	22.21	22.20	22.41	23.5
		50	0	22.56	22.58	22.44	23.5
	16QAM	1	0	22.16	22.35	22.33	23.5
		1	24	22.07	22.23	22.24	23.5
		1	49	22.30	22.18	22.33	23.5
		25	0	22.35	22.11	22.33	23.5
		25	12	22.25	22.27	22.32	23.5
		25	25	22.16	22.42	22.23	23.5
		50	0	22.32	22.35	22.20	23.5
	64QAM	1	0	22.42	22.25	22.35	23.5
		1	24	22.38	22.47	22.19	23.5
		1	49	22.20	22.26	22.42	23.5
		25	0	21.35	21.43	21.22	22.5
		25	12	21.20	21.46	21.51	22.5
		25	25	21.16	21.33	21.28	22.5
		50	0	21.39	21.49	21.09	22.5
	256QAM	1	0	19.38	19.59	19.42	20.5
		1	24	19.33	19.46	19.24	20.5
		1	49	18.92	19.28	19.04	20.5
		25	0	19.50	19.49	19.68	20.5
		25	12	19.08	19.54	19.59	20.5
		25	25	19.23	19.31	19.66	20.5
		50	0	19.24	19.27	19.32	20.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	22.63	22.63	22.46	23.5
		1	12	22.54	22.41	22.46	23.5
		1	24	22.39	22.27	22.22	23.5
		12	0	22.33	22.46	22.31	23.5
		12	6	22.24	22.23	22.32	23.5
		12	13	22.14	22.18	22.28	23.5
		25	0	22.44	22.51	22.41	23.5
	16QAM	1	0	22.15	22.32	22.36	23.5
		1	12	22.19	22.30	22.16	23.5
		1	24	22.27	22.21	22.34	23.5
		12	0	22.35	22.35	22.15	23.5
		12	6	22.29	22.35	22.26	23.5
		12	13	22.14	22.43	22.27	23.5
		25	0	22.35	22.34	22.21	23.5
	64QAM	1	0	22.33	22.29	22.39	23.5
		1	12	22.35	22.40	22.09	23.5
		1	24	22.32	22.21	22.46	23.5
		12	0	21.47	21.47	21.61	22.5
		12	6	21.14	21.37	21.49	22.5
		12	13	21.08	21.38	21.29	22.5
		25	0	21.30	21.48	21.18	22.5
	256QAM	1	0	19.47	19.53	19.41	20.5
		1	12	19.30	19.41	19.27	20.5
		1	24	18.90	19.19	19.01	20.5
		12	0	19.38	19.45	19.72	20.5
		12	6	19.16	19.57	19.64	20.5
		12	13	19.25	19.32	19.64	20.5
		25	0	19.18	19.32	19.18	20.5

LTE Band 7_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	23.68	23.90	23.89	25.5
		1	50	23.86	**24.06**	23.92	25.5
		1	99	23.83	23.85	23.80	25.5
		50	0	22.99	23.01	22.96	24.5
		50	25	22.97	22.95	22.94	24.5
		50	50	22.71	22.86	22.69	24.5
		100	0	22.81	22.84	22.81	24.5
	16QAM	1	0	23.11	23.01	23.08	24.5
		1	50	23.10	23.13	23.05	24.5
		1	99	23.11	23.07	22.99	24.5
		50	0	21.97	21.95	21.98	23.5
		50	25	21.82	21.92	21.81	23.5
		50	50	21.82	21.88	21.75	23.5
		100	0	21.66	21.89	21.75	23.5
	64QAM	1	0	22.01	22.19	22.05	23.5
		1	50	21.84	22.12	21.84	23.5
		1	99	21.92	21.93	21.98	23.5
		50	0	20.97	21.07	21.04	22.5
		50	25	20.87	20.96	20.94	22.5
		50	50	20.65	20.85	20.76	22.5
		100	0	20.93	20.92	20.78	22.5
	256QAM	1	0	19.06	19.01	18.89	20.5
		1	50	19.19	19.21	19.04	20.5
		1	99	18.82	18.88	18.67	20.5
		50	0	19.04	18.95	18.96	20.5
		50	25	18.88	18.84	18.95	20.5
		50	50	18.87	18.97	18.73	20.5
		100	0	18.75	18.99	18.73	20.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	23.64	23.81	23.86	25.5
		1	37	23.76	23.97	23.89	25.5
		1	74	23.79	23.81	23.75	25.5
		36	0	22.93	22.99	22.91	24.5
		36	19	22.88	22.94	22.92	24.5
		36	39	22.62	22.82	22.58	24.5
		75	0	22.70	22.73	22.79	24.5
	16QAM	1	0	23.02	22.98	23.01	24.5
		1	37	22.99	23.07	22.93	24.5
		1	74	23.06	23.00	22.89	24.5
		36	0	21.87	21.80	21.96	23.5
		36	19	21.72	21.84	21.80	23.5
		36	39	21.77	21.86	21.72	23.5
		75	0	21.61	21.80	21.60	23.5
	64QAM	1	0	21.98	22.08	22.01	23.5
		1	37	21.80	22.07	21.73	23.5
		1	74	21.78	21.88	21.87	23.5
		36	0	20.84	21.05	21.00	22.5
		36	19	20.83	20.81	20.86	22.5
		36	39	20.54	20.76	20.70	22.5
		75	0	20.86	20.78	20.77	22.5
	256QAM	1	0	19.02	18.96	18.85	20.5
		1	37	19.17	19.08	18.89	20.5
		1	74	18.71	18.79	18.59	20.5
		36	0	18.96	18.93	18.88	20.5
		36	19	18.75	18.70	18.81	20.5
		36	39	18.76	18.91	18.62	20.5
		75	0	18.63	18.86	18.60	20.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	23.56	23.81	23.80	25.5
		1	24	23.82	23.88	23.80	25.5
		1	49	23.74	23.74	23.75	25.5
		25	0	22.94	22.93	22.85	24.5
		25	12	22.89	22.88	22.88	24.5
		25	25	22.69	22.83	22.65	24.5
		50	0	22.71	22.79	22.74	24.5
	16QAM	1	0	23.03	22.97	23.00	24.5
		1	24	23.03	23.03	22.93	24.5
		1	49	23.00	23.00	22.84	24.5
		25	0	21.95	21.93	21.84	23.5
		25	12	21.72	21.83	21.67	23.5
		25	25	21.71	21.80	21.73	23.5
		50	0	21.58	21.77	21.70	23.5
	64QAM	1	0	21.96	22.18	22.03	23.5
		1	24	21.84	22.01	21.71	23.5
		1	49	21.77	21.78	21.87	23.5
		25	0	20.88	20.93	20.89	22.5
		25	12	20.76	20.84	20.92	22.5
		25	25	20.60	20.78	20.72	22.5
		50	0	20.80	20.80	20.77	22.5
	256QAM	1	0	19.01	18.95	18.76	20.5
		1	24	19.06	19.10	18.90	20.5
		1	49	18.67	18.79	18.54	20.5
		25	0	18.91	18.83	18.94	20.5
		25	12	18.80	18.74	18.86	20.5
		25	25	18.73	18.89	18.60	20.5
		50	0	18.66	18.85	18.72	20.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	23.55	23.89	23.86	25.5
		1	12	23.75	23.85	23.79	25.5
		1	24	23.68	23.80	23.76	25.5
		12	0	22.93	22.96	22.85	24.5
		12	6	22.88	22.84	22.81	24.5
		12	13	22.67	22.82	22.67	24.5
		25	0	22.68	22.72	22.75	24.5
	16QAM	1	0	23.04	22.90	23.01	24.5
		1	12	23.07	23.10	22.97	24.5
		1	24	22.98	22.93	22.94	24.5
		12	0	21.90	21.90	21.91	23.5
		12	6	21.77	21.83	21.74	23.5
		12	13	21.67	21.76	21.61	23.5
		25	0	21.62	21.78	21.72	23.5
	64QAM	1	0	22.01	22.07	21.91	23.5
		1	12	21.71	22.06	21.74	23.5
		1	24	21.91	21.81	21.95	23.5
		12	0	20.93	21.04	20.98	22.5
		12	6	20.74	20.83	20.83	22.5
		12	13	20.57	20.77	20.65	22.5
		25	0	20.82	20.81	20.67	22.5
	256QAM	1	0	18.99	18.91	18.80	20.5
		1	12	19.04	19.07	19.02	20.5
		1	24	18.71	18.75	18.55	20.5
		12	0	18.92	18.91	18.84	20.5
		12	6	18.74	18.69	18.92	20.5
		12	13	18.82	18.91	18.64	20.5
		25	0	18.60	18.88	18.68	20.5

LTE Band 7_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	16.96	16.96	16.99	18.5
		1	50	17.16	**17.18**	17.12	18.5
		1	99	17.04	16.91	16.92	18.5
		50	0	16.98	17.05	17.02	18.5
		50	25	16.73	16.89	17.00	18.5
		50	50	16.93	16.81	16.78	18.5
		100	0	17.01	17.11	16.93	18.5
	16QAM	1	0	17.06	16.91	16.80	18.5
		1	50	17.06	16.93	17.03	18.5
		1	99	16.84	16.86	16.86	18.5
		50	0	16.96	16.77	16.85	18.5
		50	25	16.79	16.85	16.79	18.5
		50	50	16.88	16.91	16.86	18.5
		100	0	16.89	16.86	16.83	18.5
	64QAM	1	0	16.74	16.96	16.77	18.5
		1	50	17.06	16.80	16.78	18.5
		1	99	16.79	16.84	16.99	18.5
		50	0	16.85	16.97	16.88	18.5
		50	25	16.82	16.93	16.87	18.5
		50	50	16.91	16.75	17.07	18.5
		100	0	16.77	17.05	16.88	18.5
	256QAM	1	0	16.96	16.70	16.67	18.5
		1	50	16.86	16.91	17.04	18.5
		1	99	17.11	16.96	16.88	18.5
		50	0	16.86	16.87	16.97	18.5
		50	25	16.97	16.91	16.85	18.5
		50	50	17.08	16.99	17.07	18.5
		100	0	16.73	16.98	16.96	18.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	16.86	16.95	16.90	18.5
		1	37	17.07	17.04	17.01	18.5
		1	74	16.95	16.84	16.82	18.5
		36	0	16.87	16.96	17.01	18.5
		36	19	16.59	16.76	16.88	18.5
		36	39	16.82	16.78	16.64	18.5
		75	0	16.93	17.08	16.89	18.5
	16QAM	1	0	16.99	16.90	16.74	18.5
		1	37	16.95	16.91	17.01	18.5
		1	74	16.79	16.74	16.85	18.5
		36	0	16.95	16.87	16.92	18.5
		36	19	16.69	16.77	16.78	18.5
		36	39	16.78	16.88	16.78	18.5
		75	0	16.80	16.78	16.79	18.5
	64QAM	1	0	16.61	16.87	16.62	18.5
		1	37	16.96	16.71	16.76	18.5
		1	74	16.76	16.79	16.95	18.5
		36	0	16.83	16.84	16.78	18.5
		36	19	16.77	16.83	16.74	18.5
		36	39	16.79	16.92	17.02	18.5
		75	0	16.67	17.01	16.85	18.5
	256QAM	1	0	16.89	16.56	16.61	18.5
		1	37	16.75	16.86	17.03	18.5
		1	74	17.09	16.90	16.75	18.5
		36	0	16.72	16.83	16.90	18.5
		36	19	16.92	16.85	16.77	18.5
		36	39	17.01	16.97	16.96	18.5
		75	0	16.68	16.97	16.83	18.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	16.91	16.81	16.98	18.5
		1	24	17.05	17.04	17.00	18.5
		1	49	17.01	16.76	16.77	18.5
		25	0	16.85	17.04	17.00	18.5
		25	12	16.67	16.87	16.90	18.5
		25	25	16.91	16.70	16.67	18.5
		50	0	16.91	17.07	16.91	18.5
	16QAM	1	0	16.99	16.88	16.83	18.5
		1	24	16.96	16.83	17.01	18.5
		1	49	16.73	16.72	16.76	18.5
		25	0	16.84	16.66	16.75

LTE DSI4

LTE Band 26_Ant0							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		26765	26865	26965	
		Frequency (MHz)		821.5	831.5	841.5	
15M	QPSK	1	0	25.16	25.13	25.15	25.5
		1	37	25.21	25.14	25.20	25.5
		1	74	25.09	25.07	25.06	25.5
		36	0	24.18	24.20	24.16	24.5
		36	19	24.25	24.24	24.20	24.5
		36	39	24.10	24.17	24.14	24.5
		75	0	24.19	24.11	24.16	24.5
	16QAM	1	0	24.43	24.41	24.36	24.5
		1	37	24.17	24.09	24.14	24.5
		1	74	24.14	24.08	24.08	24.5
		36	0	23.23	23.09	23.20	23.5
		36	19	23.16	23.05	23.06	23.5
		36	39	23.10	23.03	22.98	23.5
		75	0	23.19	23.04	23.04	23.5
	64QAM	1	0	23.32	23.27	23.18	23.5
		1	37	23.50	23.35	23.43	23.5
		1	74	23.23	23.22	23.11	23.5
		36	0	22.27	22.12	22.20	22.5
		36	19	22.22	22.17	22.07	22.5
		36	39	22.17	22.13	22.09	22.5
		75	0	22.15	22.14	22.05	22.5
	256QAM	1	0	20.46	20.34	20.31	20.5
		1	37	20.28	20.14	20.15	20.5
		1	74	20.43	20.35	20.35	20.5
		36	0	20.24	20.22	20.13	20.5
		36	19	20.23	20.18	20.22	20.5
		36	39	20.14	20.03	20.06	20.5
		75	0	20.13	20.10	20.07	20.5
BW	Modulation	Channel		26740	26865	26990	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844	
10M	QPSK	1	0	25.06	25.06	25.04	25.5
		1	24	25.12	25.11	25.06	25.5
		1	49	25.04	24.93	24.94	25.5
		25	0	24.16	24.07	24.08	24.5
		25	12	24.20	24.20	24.19	24.5
		25	25	23.95	24.09	24.02	24.5
		50	0	24.16	24.04	24.13	24.5
	16QAM	1	0	24.41	24.36	24.26	24.5
		1	24	24.09	23.95	24.10	24.5
		1	49	24.08	23.96	24.00	24.5
		25	0	23.10	23.02	23.07	23.5
		25	12	23.09	22.99	22.95	23.5
		25	25	23.04	22.92	22.92	23.5
		50	0	23.07	22.96	22.94	23.5
	64QAM	1	0	23.31	23.26	23.13	23.5
		1	24	23.40	23.22	23.31	23.5
		1	49	23.20	23.08	22.97	23.5
		25	0	22.25	22.03	22.05	22.5
		25	12	22.17	22.16	22.02	22.5
		25	25	22.13	22.02	22.03	22.5
		50	0	22.09	22.10	21.97	22.5
	256QAM	1	0	20.33	20.20	20.17	20.5
		1	24	20.19	20.07	20.02	20.5
		1	49	20.39	20.28	20.31	20.5
		25	0	20.14	20.17	20.12	20.5
		25	12	20.19	20.16	20.15	20.5
		25	25	20.13	19.89	20.01	20.5
		50	0	20.07	19.96	20.02	20.5
BW	Modulation	Channel		26715	26865	27015	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5	
5M	QPSK	1	0	25.02	25.09	25.14	25.5
		1	12	25.08	25.01	25.19	25.5
		1	24	24.99	25.02	24.97	25.5
		12	0	24.08	24.09	24.07	24.5
		12	6	24.14	24.16	24.08	24.5
		12	13	24.03	24.05	24.02	24.5
		25	0	24.08	24.07	24.07	24.5
	16QAM	1	0	24.33	24.33	24.26	24.5
		1	12	24.08	24.03	24.09	24.5
		1	24	23.99	23.93	23.99	24.5
		12	0	23.21	23.04	23.09	23.5
		12	6	23.03	23.03	23.03	23.5
		12	13	23.00	22.98	22.88	23.5
		25	0	23.18	23.01	23.01	23.5
	64QAM	1	0	23.31	23.24	23.11	23.5
		1	12	23.42	23.22	23.40	23.5
		1	24	23.20	23.21	23.09	23.5
		12	0	22.16	22.00	22.10	22.5
		12	6	22.17	22.12	22.00	22.5
		12	13	22.13	22.04	22.01	22.5
		25	0	22.12	22.05	22.04	22.5
	256QAM	1	0	20.39	20.22	20.27	20.5
		1	12	20.14	20.05	20.09	20.5
		1	24	20.35	20.32	20.28	20.5
		12	0	20.18	20.09	20.02	20.5
		12	6	20.08	20.09	20.12	20.5
		12	13	20.06	19.90	20.01	20.5
		25	0	20.04	19.96	19.93	20.5
BW	Modulation	Channel		26705	26865	27025	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5	
3M	QPSK	1	0	25.15	25.08	25.13	25.5
		1	7	25.15	25.07	25.06	25.5
		1	14	24.95	25.00	24.91	25.5
		8	0	24.11	24.14	24.01	24.5
		8	3	24.12	24.16	24.18	24.5
		8	7	23.99	24.14	24.04	24.5
		15	0	24.08	24.00	24.08	24.5
	16QAM	1	0	24.29	24.37	24.22	24.5
		1	7	24.13	23.98	23.99	24.5
		1	14	24.05	23.95	23.97	24.5
		8	0	23.13	23.02	23.11	23.5
		8	3	23.10	23.03	22.97	23.5
		8	7	23.00	22.95	22.85	23.5
		15	0	23.18	22.90	22.97	23.5
	64QAM	1	0	23.20	23.21	23.11	23.5
		1	7	23.45	23.22	23.30	23.5
		1	14	23.19	23.16	23.08	23.5
		8	0	22.26	22.11	22.10	22.5
		8	3	22.12	22.14	21.98	22.5
		8	7	22.04	22.01	22.03	22.5
		15	0	22.02	22.11	21.93	22.5
	256QAM	1	0	20.43	20.29	20.26	20.5
		1	7	20.25	20.08	20.08	20.5
		1	14	20.37	20.29	20.33	20.5
		8	0	20.09	20.14	19.99	20.5
		8	3	20.11	20.08	20.08	20.5
		8	7	20.02	19.92	19.97	20.5
		15	0	20.05	20.04	19.97	20.5
BW	Modulation	Channel		26697	26865	27033	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3	
1.4M	QPSK	1	0	25.12	25.11	25.14	25.5
		1	2	25.18	25.00	25.08	25.5
		1	5	24.97	24.95	24.99	25.5
		3	0	24.93	24.87	24.88	25.5
		3	1	24.92	24.96	24.87	25.5
		3	3	24.74	24.89	24.88	25.5
		6	0	24.12	24.00	24.05	24.5
	16QAM	1	0	24.38	24.38	24.34	24.5
		1	2	24.05	24.04	24.10	24.5
		1	5	24.13	24.02	24.05	24.5
		3	0	23.94	23.78	23.93	24.5
		3	1	23.84	23.68	23.83	24.5
		3	3	23.76	23.78	23.73	24.5
		6	0	23.07	22.90	22.92	23.5
	64QAM	1	0	23.27	23.25	23.15	23.5
		1	2	23.35	23.24	23.33	23.5
		1	5	23.22	23.14	23.08	23.5
		3	0	22.90	22.82	22.84	23.5
		3	1	22.89	22.92	22.70	23.5
		3	3	22.94	22.89	22.79	23.5
		6	0	22.07	22.02	21.98	22.5
	256QAM	1	0	20.39	20.19	20.28	20.5
		1	2	20.22	20.07	20.12	20.5
		1	5	20.29	20.34	20.23	20.5
		3	0	20.22	20.16	19.99	20.5
		3	1	20.17	20.11	20.10	20.5
		3	3	20.04	19.90	20.04	20.5
		6	0	20.03	19.95	19.96	20.5

LTE Band 26_Ant1							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		26765	26865	26965	
		Frequency (MHz)		821.5	831.5	841.5	
15M	QPSK	1	0	21.28	21.12	21.31	22
		1	37	21.39	21.42	21.35	22
		1	74	21.20	21.21	21.32	22
		36	0	21.13	21.25	21.39	22
		36	19	21.27	21.41	21.40	22
		36	39	21.26	21.39	21.36	22
		75	0	21.19	21.26	21.25	22
	16QAM	1	0	21.25	21.27	21.35	22
		1	37	21.35	21.12	21.37	22
		1	74	21.41	21.36	21.23	22
		36	0	21.32	21.34	21.25	22
		36	19	21.41	21.20	21.35	22
		36	39	21.33	21.34	21.31	22
		75	0	21.21	21.25	21.31	22
	64QAM	1	0	21.16	21.28	21.32	22
		1	37	21.21	21.26	21.16	22
		1	74	21.30	21.19	21.37	22
		36	0	21.36	21.23	21.17	22
		36	19	21.19	21.23	21.33	22
		36	39	21.14	21.11	21.14	22
		75	0	21.37	21.17	21.11	22
	256QAM	1	0	20.32	20.39	20.29	21
		1	37	20.36	20.41	20.38	21
		1	74	20.17	20.15	20.16	21
		36	0	20.09	20.05	19.97	21
		36	19	20.13	20.15	20.12	21
		36	39	20.01	20.03	20.13	21
		75	0	20.02	20.04	20.10	21
BW	Modulation	Channel		26740	26865	26990	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844	
10M	QPSK	1	0	21.15	21.06	21.31	22
		1	24	21.38	21.32	21.24	22
		1	49	21.05	21.10	21.30	22
		25	0	21.03	21.17	21.39	22
		25	12	21.18	21.30	21.33	22
		25	25	21.21	21.32	21.29	22
		50	0	21.07	21.23	21.18	22
	16QAM	1	0	21.23	21.14	21.30	22
		1	24	21.35	20.99	21.23	22
		1	49	21.38	21.29	21.16	22
		25	0	21.26	21.19	21.23	22
		25	12	21.37	21.08	21.33	22
		25	25	21.32	21.20	21.26	22
		50	0	21.07	21.17	21.17	22
	64QAM	1	0	21.04	21.24	21.19	22
		1	24	21.08	21.15	21.08	22
		1	49	21.28	21.11	21.25	22
		25	0	21.33	21.10	21.12	22
		25	12	21.14	21.14	21.20	22
		25	25	21.08	21.00	21.07	22
		50	0	21.34	21.02	21.05	22
	256QAM	1	0	20.25	20.32	20.17	21
		1	24	20.23	20.26	20.26	21
		1	49	20.09	20.14	20.11	21
		25	0	19.96	19.93	19.84	21
		25	12	20.06	20.07	19.99	21
		25	25	19.94	19.93	20.02	21
		50	0	19.98	19.91	20.02	21
BW	Modulation	Channel		26715	26865	27015	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5	
5M	QPSK	1	0	21.26	21.06	21.29	22
		1	12	21.29	21.31	21.22	22
		1	24	21.17	21.20	21.21	22
		12	0	20.98	21.18	21.24	22
		12	6	21.27	21.31	21.37	22
		12	13	21.24	21.26	21.27	22
		25	0	21.17	21.18	21.11	22
	16QAM	1	0	21.16	21.23	21.25	22
		1	12	21.22	21.03	21.28	22
		1	24	21.35	21.24	21.20	22
		12	0	21.17	21.23	21.12	22
		12	6	21.37	21.11	21.27	22
		12	13	21.30	21.32	21.24	22
		25	0	21.11	21.24	21.22	22
	64QAM	1	0	21.16	21.21	21.31	22
		1	12	21.20	21.11	21.06	22
		1	24	21.26	21.04	21.27	22
		12	0	21.24	21.19	21.14	22
		12	6	21.18	21.12	21.26	22
		12	13	21.00	20.99	21.07	22
		25	0	21.34	21.06	21.11	22
	256QAM	1	0	20.17	20.24	20.11	21
		1	12	20.31	20.25	20.26	21
		1	24	20.01	19.88	19.97	21
		12	0	19.99	19.96	19.80	21
		12	6	19.86	20.08	20.05	21
		12	13	19.84	19.86	19.94	21
		25	0	19.74	19.88	20.07	21
BW	Modulation	Channel		26705	26865	27025	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5	
3M	QPSK	1	0	21.20	21.10	21.17	22
		1	7	21.26	21.31	21.32	22
		1	14	21.15	21.13	21.30	22
		8	0	21.08	21.24	21.37	22
		8	3	21.19	21.30	21.25	22
		8	7	21.21	21.27	21.34	22
		15	0	21.12	21.24	21.19	22
	16QAM	1	0	21.11	21.20	21.32	22
		1	7	21.27	21.09	21.30	22
		1	14	21.40	21.23	21.08	22
		8	0	21.28	21.20	21.20	22
		8	3	21.34	21.20	21.32	22
		8	7	21.30	21.19	21.30	22
		15	0	21.14	21.19	21.17	22
	64QAM	1	0	21.16	21.18	21.28	22
		1	7	21.07	21.15	21.07	22
		1	14	21.22	21.19	21.36	22
		8	0	21.27	21.17	21.08	22
		8	3	21.04	21.15	21.29	22
		8	7	21.02	20.98	21.08	22
		15	0	21.26	21.09	21.02	22
	256QAM	1	0	20.28	20.31	20.27	21
		1	7	20.34	20.28	20.28	21
		1	14	20.13	20.00	20.15	21
		8	0	19.95	19.91	19.85	21
		8	3	20.10	20.08	20.11	21
		8	7	19.91	20.00	20.12	21
		15	0	19.96	19.98	20.01	21
BW	Modulation	Channel		26697	26865	27033	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3	
1.4M	QPSK	1	0	21.20	20.99	21.16	22
		1	2	21.38	21.37	21.21	22
		1	5	21.05	21.10	21.26	22
		3	0	21.11	21.11	21.37	22
		3	1	21.13	21.39	21.38	22
		3	3	21.19	21.37	21.21	22
		6	0	21.07	21.14	21.10	22
	16QAM	1	0	21.25	21.27	21.25	22
		1	2	21.31	21.06	21.32	22
		1	5	21.36	21.26	21.12	22
		3	0	21.22	21.30	21.14	22
		3	1	21.27	21.15	21.23	22
		3	3	21.29	21.19	21.19	22
		6	0	21.14	21.19	21.30	22
	64QAM	1	0	21.04	21.18	21.19	22
		1	2	21.14	21.24	21.05	22
		1	5	21.20	21.08	21.37	22
		3	0	21.25	21.15	21.09	22
		3	1	21.08	21.16	21.19	22
		3	3	21.13	21.07	21.01	22
		6	0	21.22	21.07	21.04	22
	256QAM	1	0	20.24	20.28	20.21	21
		1	2	20.33	20.30	20.35	21
		1	5	20.14	20.02	20.10	21
		3	0	20.07	20.04	19.96	21
		3	1	20.08	20.02	20.00	21
		3	3	19.94	19.96	20.11	21
		6	0	20.01	19.93	20.05	21

LTE DSI4

LTE Band 38_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37900	38000	38100	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	23.75	**23.78**	23.73	24.5
		1	50	23.67	23.62	23.61	24.5
		1	99	23.48	23.50	23.36	24.5
		50	0	22.81	22.84	22.76	23.5
		50	25	22.66	22.78	22.70	23.5
		50	50	22.67	22.79	22.74	23.5
		100	0	22.71	22.77	22.65	23.5
	16QAM	1	0	22.61	22.51	22.53	23.5
		1	50	22.68	22.60	22.55	23.5
		1	99	22.60	22.48	22.47	23.5
		50	0	21.81	21.72	21.75	22.5
		50	25	21.77	21.72	21.63	22.5
		50	50	21.74	21.68	21.63	22.5
		100	0	21.77	21.65	21.69	22.5
	64QAM	1	0	21.97	21.82	21.96	22.5
		1	50	21.84	21.76	21.77	22.5
		1	99	21.67	21.53	21.57	22.5
		50	0	20.87	20.76	20.85	21.5
		50	25	20.84	20.75	20.78	21.5
		50	50	20.75	20.72	20.62	21.5
		100	0	20.77	20.75	20.66	21.5
	256QAM	1	0	18.83	18.73	18.72	19.5
		1	50	18.86	18.77	18.72	19.5
		1	99	18.55	18.52	18.43	19.5
		50	0	18.89	18.74	18.81	19.5
		50	25	18.79	18.72	18.68	19.5
		50	50	18.78	18.75	18.64	19.5
		100	0	18.75	18.64	18.73	19.5

BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	23.73	23.65	23.60	24.5
		1	37	23.55	23.49	23.57	24.5
		1	74	23.35	23.39	23.31	24.5
		36	0	22.69	22.76	22.69	23.5
		36	19	22.55	22.72	22.55	23.5
		36	39	22.52	22.66	22.61	23.5
		75	0	22.74	22.57	22.53	23.5
	16QAM	1	0	22.49	22.38	22.40	23.5
		1	37	22.61	22.53	22.46	23.5
		1	74	22.46	22.37	22.36	23.5
		36	0	21.74	21.70	21.73	22.5
		36	19	21.76	21.70	21.55	22.5
		36	39	21.63	21.55	21.57	22.5
		75	0	21.71	21.50	21.55	22.5
	64QAM	1	0	21.92	21.74	21.88	22.5
		1	37	21.75	21.66	21.65	22.5
		1	74	21.52	21.47	21.48	22.5
		36	0	20.82	20.64	20.71	21.5
		36	19	20.78	20.71	20.71	21.5
		36	39	20.60	20.62	20.53	21.5
		75	0	20.70	20.67	20.51	21.5
	256QAM	1	0	18.69	18.62	18.71	19.5
		1	37	18.80	18.71	18.64	19.5
		1	74	18.40	18.48	18.29	19.5
		36	0	18.85	18.62	18.74	19.5
		36	19	18.75	18.64	18.57	19.5
		36	39	18.70	18.65	18.50	19.5
		75	0	18.66	18.53	18.65	19.5

BW	Modulation	Channel		37900	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	23.63	23.68	23.61	24.5
		1	24	23.57	23.55	23.55	24.5
		1	49	23.41	23.38	23.27	24.5
		25	0	22.75	22.75	22.69	23.5
		25	12	22.51	22.77	22.60	23.5
		25	25	22.61	22.76	22.70	23.5
		50	0	22.68	22.58	22.57	23.5
	16QAM	1	0	22.50	22.42	22.45	23.5
		1	24	22.65	22.58	22.42	23.5
		1	49	22.47	22.47	22.43	23.5
		25	0	21.71	21.68	21.64	22.5
		25	12	21.74	21.67	21.51	22.5
		25	25	21.73	21.56	21.52	22.5
		50	0	21.73	21.54	21.64	22.5
	64QAM	1	0	21.83	21.80	21.92	22.5
		1	24	21.70	21.70	21.71	22.5
		1	49	21.64	21.44	21.56	22.5
		25	0	20.79	20.81	20.73	21.5
		25	12	20.83	20.65	20.73	21.5
		25	25	20.68	20.71	20.58	21.5
		50	0	20.73	20.69	20.59	21.5
	256QAM	1	0	18.77	18.61	18.63	19.5
		1	24	18.76	18.63	18.60	19.5
		1	49	18.52	18.50	18.42	19.5
		25	0	18.85	18.80	18.74	19.5
		25	12	18.73	18.68	18.61	19.5
		25	25	18.74	18.64	18.58	19.5
		50	0	18.64	18.62	18.58	19.5

BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	23.71	23.65	23.59	24.5
		1	12	23.52	23.51	23.50	24.5
		1	24	23.34	23.35	23.25	24.5
		12	0	22.80	22.72	22.64	23.5
		12	6	22.60	22.69	22.55	23.5
		12	13	22.58	22.69	22.69	23.5
		25	0	22.71	22.61	22.53	23.5
	16QAM	1	0	22.49	22.39	22.42	23.5
		1	12	22.59	22.59	22.40	23.5
		1	24	22.51	22.37	22.43	23.5
		12	0	21.67	21.70	21.73	22.5
		12	6	21.64	21.64	21.57	22.5
		12	13	21.59	21.60	21.51	22.5
		25	0	21.67	21.58	21.64	22.5
	64QAM	1	0	21.89	21.71	21.86	22.5
		1	12	21.74	21.70	21.69	22.5
		1	24	21.57	21.49	21.52	22.5
		12	0	20.81	20.70	20.71	21.5
		12	6	20.73	20.72	20.75	21.5
		12	13	20.64	20.63	20.50	21.5
		25	0	20.67	20.68	20.60	21.5
	256QAM	1	0	18.74	18.64	18.63	19.5
		1	12	18.75	18.70	18.66	19.5
		1	24	18.52	18.43	18.31	19.5
		12	0	18.84	18.61	18.79	19.5
		12	6	18.74	18.65	18.65	19.5
		12	13	18.72	18.71	18.61	19.5
		25	0	18.63	18.60	18.65	19.5

LTE Band 38_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37900	38000	38100	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	24.41	24.55	24.61	25.5
		1	50	24.54	**24.68**	24.65	25.5
		1	99	24.51	24.58	24.59	25.5
		50	0	23.52	23.64	23.56	24.5
		50	25	23.56	23.67	23.57	24.5
		50	50	23.51	23.59	23.46	24.5
		100	0	23.50	23.60	23.56	24.5
	16QAM	1	0	23.60	23.65	23.69	24.5
		1	50	23.66	23.68	23.71	24.5
		1	99	23.35	23.44	23.48	24.5
		50	0	22.61	22.57	22.66	23.5
		50	25	22.49	22.61	22.63	23.5
		50	50	22.49	22.54	22.61	23.5
		100	0	22.45	22.44	22.59	23.5
	64QAM	1	0	22.72	22.72	22.78	23.5
		1	50	22.75	22.68	22.80	23.5
		1	99	22.58	22.55	22.82	23.5
		50	0	21.61	21.57	21.68	22.5
		50	25	21.66	21.56	21.68	22.5
		50	50	21.49	21.55	21.63	22.5
		100	0	21.55	21.43	21.58	22.5
	256QAM	1	0	19.58	19.53	19.59	20.5
		1	50	19.57	19.69	19.68	20.5
		1	99	19.40	19.36	19.44	20.5
		50	0	19.53	19.61	19.66	20.5
		50	25	19.57	19.55	19.67	20.5
		50	50	19.54	19.63	19.64	20.5
		100	0	19.52	19.58	19.61	20.5

BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	24.26	24.40	24.59	25.5
		1	37	24.44	24.57	24.63	25.5
		1	74	24.47	24.56	24.55	25.5
		36	0	23.39	23.50	23.48	24.5
		36	19	23.53	23.57	23.54	24.5
		36	39	23.37	23.46	23.45	24.5
		75	0	23.47	23.51	23.46	24.5
	16QAM	1	0	23.53	23.56	23.64	24.5
		1	37	23.54	23.66	23.60	24.5
		1	74	23.20	23.33	23.44	24.5
		36	0	22.47	22.63	22.58	23.5
		36	19	22.48	22.56	22.53	23.5
		36	39	22.34	22.53	22.48	23.5
		75	0	22.42	22.30	22.56	23.5
	64QAM	1	0	22.62	22.68	22.73	23.5
		1	37	22.71	22.63	22.74	23.5
		1	74	22.45	22.47	22.55	23.5
		36	0	21.50	21.42	21.60	22.5
		36	19	21.65	21.52	21.56	22.5
		36	39	21.37	21.41	21.49	22.5
		75	0	21.41	21.31	21.45	22.5
	256QAM	1	0	19.45	19.50	19.52	20.5
		1	37	19.49	19.51	19.60	20.5
		1	74	19.38	19.30	19.37	20.5
		36	0	19.52	19.47	19.53	20.5
		36	19	19.49	19.48	19.61	20.5
		36	39	19.40	19.46	19.55	20.5
		75	0	19.49	19.44	19.47	20.5

BW	Modulation	Channel		37900	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	24.34	24.53	24.60	25.5
		1	24	24.49	24.44	24.62	25.5
		1	49	24.45	24.51	24.55	25.5
		25	0	23.38	23.54	23.42	24.5
		25	12	23.42	23.55	23.47	24.5
		25	25	23.45	23.45	23.39	24.5
		50	0	23.57	23.52	23.51	24.5
	16QAM	1	0	23.45	23.52	23.63	24.5
		1	24	23.62	23.58	23.64	24.5
		1	49	23.33	23.42	23.44	24.5
		25	0	22.60	22.54	22.65	23.5
		25	12	22.44	22.53	22.61	23.5
		25	25	22.42	22.42	22.60	23.5
		50	0	22.44	22.37	22.56	23.5
	64QAM	1	0	22.66	22.57	22.74	23.5
		1	24	22.61	22.59	22.74	23.5
		1	49	22.56	22.50	22.52	23.5
		25	0	21.50	21.50	21.62	22.5
		25	12	21.57	21.54	21.58	22.5
		25	25	21.48	21.42	21.59	22.5
		50	0	21.46	21.28	21.47	22.5
	256QAM	1	0	19.47	19.43	19.51	20.5
		1	24	19.49	19.46	19.53	20.5
		1	49	19.29	19.25	19.43	20.5
		25	0	19.43	19.49	19.60	20.5
		25	12	19.45	19.44	19.64	20.5
		25	25	19.48	19.48	19.60	20.5
		50	0	19.48	19.46	19.56	20.5

BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	24.33	24.51	24.51	25.5
		1	12	24.48	24.54	24.50	25.5
		1	24	24.47	24.52	24.52	25.5
		12	0	23.39	23.51	23.51	24.5
		12	6	23.50	23.59	23.55	24.5
		12	13	23.46	23.56	23.38	24.5
		25	0	23.46	23.53	23.46	24.5
	16QAM	1	0	23.59	23.58	23.62	24.5
		1	12	23.56	23.60	23.57	24.5
		1	24	23.30	23.42	23.45	24.5
		12	0	22.42	22.49	22.49	23.5
		12	6	22.36	22.57	22.49	23.5
		12	13	22.40	22.49	22.58	23.5
		25	0	22.42	22.35	22.56	23.5
	64QAM	1	0	22.60	22.72	22.73	23.5
		1	12	22.61	22.60	22.71	23.5
		1	24	22.44	22.52	22.58	23.5
		12	0	21.52	21.43	21.65	22.5
		12	6	21.52	21.51	21.67	22.5
		12	13	21.48	21.49	21.51	22.5
		25	0	21.50	21.28	21.48	22.5
	256QAM	1	0	19.52	19.46	19.46	20.5
		1	12	19.48	19.45	19.54	20.5
		1	24	19.33	19.32	19.43	20.5
		12	0	19.44	19.49	19.63	20.5
		12	6	19.48	19.46	19.57	20.5
		12	13	19.40	19.50	19.49	20.5
		25	0	19.48	19.49	19.50	20.5

LTE Band 38_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37900	38000	38100	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	24.79	**24.82**	24.74	25.5
		1	50	24.77	24.75	24.71	25.5
		1	99	24.57	24.67	24.56	25.5
		50	0	23.82	23.87	23.76	24.5
		50	25	23.73	23.88	23.74	24.5
		50	50	23.80	23.84	23.69	24.5
		100	0	23.77	23.79	23.76	24.5
	16QAM	1	0	23.82	23.89	23.80	24.5
		1	50	23.75	23.85	23.71	24.5
		1	99	23.61	23.71	23.58	24.5
		50	0	22.78	22.87	22.81	23.5
		50	25	22.82	22.84	22.69	23.5
		50	50	22.75	22.86	22.73	23.5
		100	0	22.75	22.81	22.74	23.5
	64QAM	1	0	22.97	22.98	22.87	23.5
		1	50	22.80	22.92	22.78	23.5
		1	99	22.70	22.79	22.77	23.5
		50	0	21.76	21.87	21.80	22.5
		50	25	21.82	21.83	21.72	22.5
		50	50	21.72	21.85	21.76	22.5
		100	0	21.73	21.79	21.66	22.5
	256QAM	1	0	19.67	19.82	19.71	20.5
		1	50	19.80	19.83	19.72	20.5
		1	99	19.53	19.64	19.58	20.5
		50	0	19.80	19.88	19.74	20.5
		50	25	19.82	19.83	19.73	20.5
		50	50	19.65	19.79	19.72	20.5
		100	0	19.73	19.81	19.80	20.5

BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	24.67	24.70	24.59	25.5
		1	37	24.68	24.66	24.65	25.5
		1	74	24.52	24.59	24.49	25.5
		36	0	23.77	23.87	23.75	24.5
		36	19	23.64	23.74	23.64	24.5
		36	39	23.70	23.74	23.59	24.5
		75	0	23.71	23.65	23.69	24.5
	16QAM	1	0	23.67	23.80	23.70	24.5
		1	37	23.64	23.76	23.63	24.5
		1	74	23.53	23.59	23.53	24.5
		36	0	22.67	22.75	22.74	23.5
		36	19	22.71	22.81	22.54	23.5
		36	39	22.68	22.72	22.64	23.5
		75	0	22.60	22.66	22.69	23.5
	64QAM	1	0	22.91	22.88	22.77	23.5
		1	37	22.76	22.89	22.66	23.5
		1	74	22.58	22.72	22.68	23.5
		36	0	21.69	21.78	21.67	22.5
		36	19	21.81	21.71	21.71	22.5
		36	39	21.69	21.70	21.70	22.5
		75	0	21.67	21.73	21.65	22.5
	256QAM	1	0	19.52	19.73	19.59	20.5
		1	37	19.73	19.70	19.71	20.5
		1	74	19.44	19.57	19.47	20.5
		36	0	19.79	19.82	19.70	20.5
		36	19	19.74	19.79	19.69	20.5
		36	39	19.56	19.68	19.68	20.5
		75	0	19.66	19.68	19.79	20.5

BW	Modulation	Channel		37900	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	24.78	24.68	24.68	25.5
		1	24	24.65	24.68	24.63	25.5
		1	49	24.47	24.65	24.49	25.5
		25	0	23.70	23.82	23.74	24.5
		25	12	23.60	23.85	23.63	24.5
		25	25	23.70	23.78	23.55	24.5
		50	0	23.66	23.74	23.68	24.5
	16QAM	1	0	23.69	23.85	23.75	24.5
		1	24	23.62	23.75	23.60	24.5
		1	49	23.47	23.70	23.46	24.5
		25	0	22.69	22.78	22.77	23.5
		25	12	22.71	22.79	22.65	23.5
		25	25	22.66	22.85	22.61	23.5
		50	0	22.63	22.80	22.62	23.5
	64QAM	1	0	22.95	22.88	22.80	23.5
		1	24	22.66	22.79	22.74	23.5
		1	49	22.59	22.71	22.71	23.5
		25	0	21.74	21.78	21.67	22.5
		25	12	21.81	21.68	21.67	22.5
		25	25	21.61	21.81	21.64	22.5
		50	0	21.64	21.69	21.58	22.5
	256QAM	1	0	19.60	19.69	19.57	20.5
		1	24	19.69	19.71	19.57	20.5
		1	49	19.41	19.50	19.54	20.5
		25	0	19.77	19.84	19.64	20.5
		25	12	19.68	19.78	19.71	20.5
		25	25	19.51	19.73	19.65	20.5
		50	0	19.59	19.70	19.74	20.5

BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	24.69	24.67	24.64	25.5
		1	12	24.75	24.66	24.64	25.5
		1	24	24.42	24.61	24.44	25.5
		12	0	23.78	23.86	23.66	24.5
		12	6	23.60	23.82	23.72	24.5
		12	13	23.74	23.75	23.69	24.5
		25	0	23.69	23.68	23.63	24.5
	16QAM	1	0	23.71	23.83	23.67	24.5
		1	12	23.76	23.74	23.59	24.5
		1	24	23.49	23.56	23.50	24.5
		12	0	22.71	22.75	22.71	23.5
		12	6	22.76	22.77	22.62	23.5
		12	13	22.72	22.77	22.70	23.5
		25	0	22.64	22.78	22.64	23.5
	64QAM	1	0	22.90	22.91	22.78	23.5
		1	12	22.67	22.81	22.76	23.5
		1	24	22.60	22.75	22.71	23.5
		12	0	21.67	21.74	21.74	22.5
		12	6	21.81	21.76	21.62	22.5
		12	13	21.59	21.71	21.67	22.5
		25	0	21.58	21.70	21.61	22.5
	256QAM	1	0	19.59	19.80	19.63	20.5
		1	12	19.79	19.74	19.71	20.5
		1	24	19.41	19.55	19.50	20.5
		12	0	19.78	19.77	19.68	20.5
		12	6	19.68	19.72	19.61	20.5
		12	13	19.53	19.65	19.65	20.5
		25	0	19.65	19.72	19.69	20.5

LTE Band 38_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37900	38000	38100	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	18.17	18.22	18.21	20
		1	50	18.39	18.44	**18.45**	20
		1	99	18.37	18.34	18.37	20
		50	0	18.24	18.28	18.31	20
		50	25	18.14	18.21	18.29	20
		50	50	18.16	18.11	18.41	20
		100	0	18.20	18.33	18.37	20
	16QAM	1	0	18.37	18.24	18.39	20
		1	50	18.32	18.17	18.25	20
		1	99	18.16	18.16	18.35	20
		50	0	18.26	18.34	18.16	20
		50	25	18.12	18.13	18.37	20
		50	50	18.43	18.18	18.18	20
		100	0	18.18	18.25	18.29	20
	64QAM	1	0	18.36	18.18	18.34	20
		1	50	18.35	18.07	18.07	20
		1	99	18.02	18.11	18.20	20
		50	0	18.17	18.20	18.43	20
		50	25	18.45	18.19	18.17	20
		50	50	18.14	18.44	18.35	20
		100	0	18.44	18.31	18.13	20
	256QAM	1	0	18.25	18.30	18.23	20
		1	50	18.44	18.12	18.29	20
		1	99	18.44	18.18	18.12	20
		50	0	18.36	18.19	18.27	20
		50	25	18.21	18.22	18.43	20
		50	50	18.31	18.20	18.26	20
		100	0	18.34	18.17	18.18	20

BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	18.13	18.14	18.08	20
		1	37	18.28	18.36	18.44	20
		1	74	18.29	18.26	18.33	20
		36	0	18.17	18.19	18.21	20
		36	19	18.06	18.15	18.17	20
		36	39	18.06	18.09	18.30	20
		75	0	18.15	18.18	18.34	20
	16QAM	1	0	18.33	18.11	18.31	20
		1	37	18.20	18.16	18.11	20
		1	74	18.12	18.10	18.32	20
		36	0	18.16	18.26	18.15	20
		36	19	18.18	18.19	18.34	20
		36	39	18.19	18.17	18.07	20
		75	0	18.06	18.24	18.20	20
	64QAM	1	0	18.22	18.14	18.20	20
		1	37	18.29	18.17	18.02	20
		1	74	18.21	18.06	18.19	20
		36	0	18.08	18.17	18.37	20
		36	19	18.34	18.12	18.10	20
		36	39	18.02	18.36	18.21	20
		75	0	18.42	18.20	18.11	20
	256QAM	1	0	18.14	18.18	18.09	20
		1	37	18.39	18.03	18.28	20
		1	74	18.35	18.09	18.11	20
		36	0	18.34	18.13	18.20	20
		36	19	18.12	18.17	18.39	20
		36	39	18.19	18.07	18.22	20
		75	0	18.23	18.14	18.13	20

BW	Modulation	Channel		37900	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	18.05	18.17	18.20	20
		1	24	18.31	18.43	18.35	20
		1	49	18.32

LTE DSI4

LTE Band 41_Ant0

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40158	40620	41082	41490	
		Frequency (MHz)		2506	2546.8	2593	2639.2	2680	
20M	QPSK	1	0	23.38	23.32	23.30	23.21	22.83	24
		1	50	23.13	23.06	23.25	23.11	22.82	24
		1	99	23.08	23.01	23.07	22.93	22.69	24
		50	0	22.86	22.82	22.70	22.46	22.47	23.5
		50	25	22.76	22.78	22.89	22.45	22.28	23.5
		50	50	22.78	22.72	22.61	22.32	22.51	23.5
		100	0	22.76	22.71	22.76	22.48	22.33	23.5
	16QAM	1	0	22.66	22.67	22.66	22.24	22.3	23.5
		1	50	22.76	22.64	22.66	22.36	22.36	23.5
		1	99	22.52	22.42	22.49	22.23	22.19	23.5
		50	0	21.85	21.79	21.79	21.29	21.34	22.5
		50	25	21.79	21.67	21.78	21.43	21.46	22.5
		50	50	21.74	21.72	21.70	21.39	21.43	22.5
		100	0	21.84	21.79	21.76	21.32	21.22	22.5
	64QAM	1	0	21.76	21.62	21.73	21.22	21.23	22.5
		1	50	21.70	21.79	21.81	21.32	21.38	22.5
		1	99	21.66	21.69	21.70	21.27	21.27	22.5
		50	0	20.87	20.86	20.80	20.32	20.29	21.5
		50	25	20.78	20.81	20.83	20.36	20.38	21.5
		50	50	20.73	20.64	20.69	20.28	20.28	21.5
		100	0	20.73	20.76	20.76	20.3	20.24	21.5
	256QAM	1	0	18.86	18.76	18.72	18.3	18.33	19.5
		1	50	18.70	18.73	18.66	18.43	18.52	19.5
		1	99	18.52	18.53	18.46	18.31	18.2	19.5
		50	0	18.66	18.66	18.59	18.34	18.29	19.5
		50	25	18.66	18.66	18.70	18.27	18.26	19.5
		50	50	18.76	18.60	18.57	18.34	18.2	19.5
		100	0	18.66	18.66	18.66	18.41	18.35	19.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	23.25	23.23	23.22	23.15	22.72	24
		1	37	23.05	23.04	23.17	23.13	22.81	24
		1	74	22.98	22.99	22.92	22.84	22.59	24
		36	0	22.73	22.78	22.70	22.34	22.4	23.5
		36	19	22.66	22.63	22.72	22.36	22.26	23.5
		36	39	22.65	22.59	22.67	22.26	22.3	23.5
		75	0	22.72	22.64	22.70	22.36	22.25	23.5
	16QAM	1	0	22.73	22.58	22.59	22.1	22.29	23.5
		1	37	22.61	22.76	22.62	22.23	22.19	23.5
		1	74	22.62	22.58	22.48	22.12	22.08	23.5
		36	0	21.90	21.70	21.60	21.22	21.24	22.5
		36	19	21.89	21.73	21.73	21.39	21.36	22.5
		36	39	21.70	21.64	21.69	21.32	21.41	22.5
		75	0	21.78	21.68	21.64	21.17	21.11	22.5
	64QAM	1	0	21.64	21.79	21.66	21.19	21.15	22.5
		1	37	21.70	21.72	21.70	21.2	21.53	22.5
		1	74	21.83	21.68	21.67	21.28	21.13	22.5
		36	0	20.75	20.70	20.78	20.24	20.35	21.5
		36	19	20.70	20.66	20.70	20.29	20.35	21.5
		36	39	20.59	20.57	20.62	20.22	20.27	21.5
		75	0	20.72	20.69	20.67	20.1	20.13	21.5
	256QAM	1	0	18.67	18.79	18.69	18.25	18.28	19.5
		1	37	18.62	18.69	18.52	18.34	18.41	19.5
		1	74	18.42	18.53	18.40	18.2	18.1	19.5
		36	0	18.78	18.53	18.59	18.2	18.21	19.5
		36	19	18.75	18.55	18.61	18.25	18.16	19.5
		36	39	18.73	18.58	18.45	18.31	18.16	19.5
		75	0	18.77	18.47	18.69	18.26	18.09	19.5

BW	Modulation	Channel		39700	40186	40620	41054	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	23.26	23.26	23.26	23.21	22.8	24
		1	24	23.10	22.97	23.20	23.09	22.76	24
		1	49	23.02	22.93	22.93	22.89	22.69	24
		25	0	22.77	22.79	22.71	22.33	22.4	23.5
		25	12	22.72	22.64	22.71	22.35	22.18	23.5
		25	25	22.75	22.64	22.58	22.33	22.17	23.5
		50	0	22.66	22.71	22.67	22.42	22.35	23.5
	16QAM	1	0	22.66	22.67	22.62	22.3	22.23	23.5
		1	24	22.65	22.62	22.72	22.28	22.25	23.5
		1	49	22.37	22.37	22.36	22.19	22.05	23.5
		25	0	21.79	21.73	21.66	21.17	21.28	22.5
		25	12	21.68	21.78	21.66	21.27	21.32	22.5
		25	25	21.68	21.68	21.68	21.27	21.36	22.5
		50	0	21.91	21.71	21.62	21.24	21.09	22.5
	64QAM	1	0	21.84	21.81	21.66	21.12	21.15	22.5
		1	24	21.66	21.71	21.77	21.28	21.09	22.5
		1	49	21.64	21.58	21.62	21.2	21.05	22.5
		25	0	20.79	20.75	20.81	20.27	20.21	21.5
		25	12	20.66	20.72	20.76	20.37	20.37	21.5
		25	25	20.58	20.49	20.58	20.23	20.24	21.5
		50	0	20.58	20.69	20.61	20.11	20.12	21.5
	256QAM	1	0	18.77	18.68	18.63	18.17	18.24	19.5
		1	24	18.72	18.66	18.67	18.4	18.51	19.5
		1	49	18.47	18.44	18.36	18.21	18.19	19.5
		25	0	18.76	18.54	18.66	18.39	18.24	19.5
		25	12	18.76	18.63	18.66	18.19	18.24	19.5
		25	25	18.71	18.57	18.45	18.28	18.02	19.5
		50	0	18.75	18.59	18.53	18.37	18.21	19.5

BW	Modulation	Channel		39675	40140	40620	41060	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.2	2687.5	
5M	QPSK	1	0	23.26	23.19	23.22	23.17	22.68	24
		1	12	22.98	22.98	23.16	23.08	22.78	24
		1	24	22.95	22.99	22.95	22.92	22.6	24
		12	0	22.65	22.68	22.48	22.28	22.38	23.5
		12	6	22.67	22.64	22.76	22.43	22.19	23.5
		12	13	22.66	22.63	22.71	22.39	22.22	23.5
		25	0	22.66	22.73	22.73	22.39	22.22	23.5
	16QAM	1	0	22.77	22.63	22.66	22.11	22.19	23.5
		1	12	22.75	22.66	22.76	22.27	22.33	23.5
		1	24	22.49	22.31	22.49	22.09	22.05	23.5
		12	0	21.75	21.75	21.67	21.17	21.27	22.5
		12	6	21.88	21.73	21.69	21.33	21.41	22.5
		12	13	21.88	21.66	21.69	21.39	21.39	22.5
		25	0	21.75	21.79	21.66	21.25	21.07	22.5
	64QAM	1	0	21.68	21.69	21.66	21.13	21.11	22.5
		1	12	21.71	21.68	21.66	21.22	21.36	22.5
		1	24	21.58	21.65	21.69	21.19	21.15	22.5
		12	0	20.84	20.75	20.75	20.3	20.36	21.5
		12	6	20.72	20.79	20.82	20.32	20.23	21.5
		12	13	20.68	20.67	20.65	20.19	20.19	21.5
		25	0	20.58	20.59	20.75	20.16	20.1	21.5
	256QAM	1	0	18.68	18.61	18.60	18.23	18.27	19.5
		1	12	18.72	18.67	18.76	18.29	18.26	19.5
		1	24	18.46	18.47	18.38	18.18	18.12	19.5
		12	0	18.81	18.57	18.61	18.22	18.16	19.5
		12	6	18.71	18.63	18.59	18.19	18.18	19.5
		12	13	18.72	18.52	18.54	18.24	18.24	19.5
		25	0	18.74	18.55	18.58	18.39	18.27	19.5

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BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40158	40620	41082	41490	
		Frequency (MHz)		2506	2546.8	2593	2639.2	2680	
20M	QPSK	1	0	24.79	24.62	24.59	24.56	24.53	25.5
		1	50	24.75	24.69	24.58	24.53	24.51	25.5
		1	99	24.66	24.48	24.45	24.43	24.35	25.5
		50	0	23.77	23.61	23.64	23.6	23.5	24.5
		50	25	23.76	23.63	23.71	23.62	23.59	24.5
		50	50	23.77	23.52	23.60	23.58	23.52	24.5
		100	0	23.72	23.64	23.64	23.59	23.47	24.5
	16QAM	1	0	23.77	23.61	23.70	23.46	23.49	24.5
		1	50	23.75	23.54	23.66	23.31	23.4	24.5
		1	99	23.67	23.53	23.60	23.24	23.33	24.5
		50	0	22.80	22.69	22.74	22.46	22.53	23.5
		50	25	22.79	22.65	22.71	22.35	22.49	23.5
		50	50	22.75	22.68	22.70	22.47	22.56	23.5
		100	0	22.76	22.68	22.72	22.48	22.59	23.5
	64QAM	1	0	22.76	22.66	22.70	22.48	22.49	23.5
		1	50	22.76	22.61	22.69	22.35	22.45	23.5
		1	99	22.71	22.58	22.62	22.36	22.44	23.5
		50	0	21.79	21.58	21.70	21.49	21.51	22.5
		50	25	21.82	21.73	21.74	21.46	21.53	22.5
		50	50	21.74	21.64	21.66	21.54	21.48	22.5
		100	0	21.82	21.62	21.73	21.46	21.52	22.5
	256QAM	1	0	19.75	19.52	19.62	19.3	19.44	20.5
		1	50	19.74	19.55	19.70	19.42	19.45	20.5
		1	99	19.56	19.41	19.50	19.27	19.33	20.5
		50	0	19.77	19.59	19.66	19.43	19.54	20.5
		50	25	19.78	19.63	19.72	19.43	19.49	20.5
		50	50	19.78	19.59	19.65	19.46	19.37	19.5
		100	0	19.73	19.59	19.66	19.46	19.55	20.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	24.68	24.48	24.49	24.44	24.51	25.5
		1	37	24.76	24.49	24.47	24.39	24.37	25.5
		1	74	24.61	24.46	24.44	24.37	24.22	25.5
		36	0	23.72	23.52	23.49	23.5	23.44	24.5
		36	19	23.69	23.54	23.64	23.6	23.46	24.5
		36	39	23.66	23.37	23.48	23.52	23.42	24.5
		75	0	23.72	23.54	23.64	23.53	23.41	24.5
	16QAM	1	0	23.65	23.51	23.56	23.35	23.43	24.5
		1	37	23.76	23.49	23.61	23.34	23.35	24.5
		1	74	23.55	23.49	23.59	23.32	23.28	24.5
		36	0	22.71	22.65	22.62	22.39	22.51	23.5
		36	19	22.64	22.53	22.69	22.34	22.37	23.5
		36	39	22.74	22.61	22.56	22.34	22.45	23.5
		75	0	22.73	22.61	22.71	22.37	22.49	23.5
	64QAM	1	0	22.77	22.64	22.57	22.45	22.41	23.5
		1	37	22.69	22.61	22.65	22.31	22.41	23.5
		1	74	22.62	22.48	22.58	22.34	22.3	23.5
		36	0	21.58	21.41	21.56	21.39	21.49	22.5
		36	19	21.76	21.59	21.73	21.33	21.51	22.5
		36	39	21.66	21.48	21.66	21.19	21.46	22.5
		75	0	21.75	21.58	21.70	21.44	21.41	22.5
	256QAM	1	0	19.60	19.49	19.56	19.17	19.42	20.5
		1	37	19.68	19.51	19.66	19.34	19.42	20.5
		1	74	19.56	19.48	19.52	19.33	19.23	20.5
		36	0	19.73	19.55	19.60	19.35	19.53	20.5
		36	19	19.72	19.49	19.63	19.37	19.4	20.5
		36	39	19.64	19.57	19.58	19.34	19.42	20.5
		75	0	19.62	19.54	19.62	19.43	19.53	20.5

BW	Modulation	Channel		39700	40186	40620	41054	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	24.67	24.47	24.41	24.51	24.44	25.5
		1	24	24.60	24.47	24.41	24.51	24.44	25.5
		1	49	24.52	24.38	24.37	24.34	24.28	25.5
		25	0	23.75	23.58	23.52	23.49	23.39	24.5
		25	12	23.77	23.48	23.63	23.51	23.46	24.5
		25	25	23.69	23.49	23.51	23.43	23.4	24.5
		50	0	23.71	23.49	23.56	23.49	23.4	24.5
	16QAM	1	0	23.75	23.55	23.58	23.36	23.34	24.5
		1	24	23.59	23.39	23.54	23.2	23.36	24.5
		1	49	23.57	23.48	23.58	23.18	23.31	24.5
		25	0	22.71	22.64	22.60	22.31	22.4	23.5
		25	12	22.64	22.55	22.68	22.34	22.38	23.5
		25	25	22.70	22.63	22.63	22.32	22.42	23.5
		50	0	22.68	22.62	22.69	22.42	22.45	23.5
	64QAM	1	0	22.70	22.67	22.64	22.46	22.38	23.5
		1	24	22.75	22.57	22.66	22.32	22.37	23.5
		1	49	22.67	22.48	22.53	22.33	22.41	23.5
		25	0	21.71	21.54	21.59	21.44	21.49	22.5
		25	12	21.76	21.68	21.70	21.44	21.52	22.5
		25	25	21.70	21.59	21.64	21.31	21.46	22.5
		50	0	21.76	21.58	21.71	21.44	21.43	22.5
	256QAM	1	0	19.92	19.77	19.78	19.49	19.41	20.5
		1	24	19.89	19.81	19.83	19.58	19.37	20.5
		1	49	19.92	19.78	19.85	19.27	19.19	20.5
		25	0	19.62	19.63	19.63	19.36	19.43	20.5
		25	12	19.78	19.59	19.64	19.32	19.34	20.5
		25	25	19.72	19.58	19.65	19.32	19.39	20.5
		50	0	19.80	19.65	19.62	19.42	19.44	20.5

BW	Modulation	Channel		39675	40140	40620	41060	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.2	2687.5	
5M	QPSK	1	0	24.67	24.57	24.44	24.46	24.39	25.5
		1	12	24.58	24.52	24.39	24.52	24.43	25.5
		1	24	24.56	24.44	24.31	24.31	24.33	25.5
		12	0	23.76	23.53	23.62	23.46	23.44	24.5
		12	6	23.68	23.58	23.67	23.49	23.52	24.5
		12	13	23.72	23.56	23.49	23.46	23.49	24.5
		25	0	23.59	23.41	23.55	23.5	23.45	24.5
	16QAM	1	0	23.72	23.49	23.65	23.32	23.39	24.5
		1	12	23.73	23.58	23.59	23.4	23.37	24.5
		1	24	23.61	23.40	23.51	23.11	23.25	24.5
		12	0	22.73	22.62	22.63	22.41	22.41	23.5
		12	6	22.86	22.53	22.63	22.39	22.44	23.5
		12	13	22.77	22.62	22.67	22.32	22.54	23.5
		25	0	22.62	22.60	22.67	22.39	22.47	23.5
	64QAM	1	0	22.74	22.57	22.69	22.39	22.37	23.5
		1	12	22.76	22.58	22.65	22.41	22.41	23.5
		1	24	22.64	22.42	22.47	22.21	22.35	23.5
		12	0	21.76	21.42	21.62	21.45	21.43	22.5
		12	6	21.79	21.72	21.62	21.45	21.49	22.5
		12	13	21.77	21.69	21.72	21.42	21.49	22.5
		25	0	21.79	21.47	21.72	21.4	21.43	22.5
	256QAM	1	0	19.64	19.49	19.53	19.26	19.35	20.5
		1	12	19.75	19.58	19.65	19.32	19.44	20.5
		1	24	19.43	19.35	19.45	19.26	19.25	20.5
		12	0	19.75	19.58	19.55	19.32	19.44	20.5
		12	6	19.71	19.57	19.59	19.34	19.42	20.5
		12	13	19.66	19.52	19.53	19.28	19.41	20.5
		25	0	19.67	19.45	19.64	19.31	19.44	20.5

LTE Band 41_Ant3

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40158	40620	41082	41490	
		Frequency (MHz)		2506	2546.8	2593	2639.2	2680	
20M	QPSK	1	0	24.49	24.67	24.39	24.34	24.01	25.5
		1	50	24.42	24.71	24.54	24.32	23.98	25.5
		1	99	24.45	24.47	24.23	24.15	23.75	25.5
		50	0	23.55	23.52	23.52	23.32	23.08	24.5
		50	25	23.49	23.79	23.43	23.26	23.05	24.5
		50	50	23.44	23.70	23.51	23.24	23.1	24.5
		100	0	23.36	23.75	23.50	23.36	23.04	24.5
	16QAM	1	0	23.40	23.62	23.52	23.46	22.97	24.5
		1	50	23.44	23.73	23.59	23.38	23.08	24.5
		1	99	23.27	23.49	23.25	23.14	23.11	24.5
		50	0	22.50	22.67	22.47	22.35	21.97	23.5
		50	25	22.54	22.67	22.64	22.44	22.15	23.5
		50	50	22.48	22.61	22.35	22.25	21.90	23.5
		100	0	22.44	22.64	22.38	22.25	22.02	23.5
	64QAM	1	0	22.47	22.57	22.46	22.40	22.10	23.5
		1	50	22.52	22.66	22.61	22.37	22.10	23.5
		1	99	22.21	22.52	22.15	22.15	21.82	23.5
		50	0	21.33	21.64	21.55	21.38	21.07	22.5
		50	25	21.32	21.72	21.43	21.41	21.07	22.5
		50	50	21.40	21.58	21.55	21.40	21.03	22.5
		100	0	21.40	21.56	21.45	21.43	21.07	22.5
	256QAM	1	0	19.22	19.43	19.29	19.30	18.94	20.5
		1	50	19.38	19.61	19.49	19.30	19.03	20.5
		1	99	19.22	19.39	19.23	19.07	18.67	20.5
		50	0	19.45	19.64	19.50	19.42	19.08	20.5
		50	25	19.47	19.62	19.41	19.46	19.02	20.5
		50	50	19.47	19.58	19.49	19.45	19.07	20.5
		100	0	19.52	19.56	19.53	19.45	19.09	20.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	24.38	24.62	24.37	24.19	23.88	25.5
		1	37	24.24	24.64	24.31	24.09	23.93	25.5
		1	74	24.09	24.60	24.16	24.05	23.7	25.5
		36	0	23.45	23.70	23.44	23.33	22.93	24.5
		36	19	23.45	23.73	23.58	23.39	22.99	24.5
		36	39	23.35	23.62	23.31	23.19	22.84	24.5
		75	0	23.43	23.71	23.54	23.33	22.91	24.5
	16QAM	1	0	23.32	23.78	23.49	23.47	22.93	24.5
		1	37	23.28	23.58	23.55	23.39	22.92	24.5
		1	74	23.25	23.48	23.13	23.08	22.67	24.5
		36	0	22.38	22.36	22.45	22.23	21.9	23.5
		36	19	22.64	22.66	22.49	22.32	21.87	23.5
		36	39	22.37	22.49	22.31	22.14	21.83	23.5
		75	0	22.36	22.61	22.23	22.2	21.87	23.5
	64QAM	1	0	22.46	22.47	22.41	22.34	22.01	23.5
		1	37	22.52	22.61	22.39	22.31	22.02	23.5
		1	74	22.34	22.16	22.45	22.3	21.93	23.5
		36	0	21.32	21.69	21.44	21.25	21	22.5
		36	19	21.39	21.69	21.69	21.3	21.07	22.5
		36	39	21.30	21.51	21.28	21.25	20.99	22.5
		75	0	21.39	21.47	21.37	21.26	20.93	22.5
	256QAM	1	0	19.15	19.62	19.22	19.24	18.9	20.5
		1	37	19.28	19.37	19.40	19.43	18.97	20.5
		1	74	19.21	19.47	19.00	19.22	18.85	20.5
		36	0	19.36	19.39	19.39	19.33	18.83	20.5
		36	19	19.37	19.39	19.39	19.32	18.93	20.5
		36	39	19.44	19.48	19.33	19.27	18.8	20.5
		75	0	19.74	19.32	19.43	19.36	18.92	20.5

BW	Modulation	Channel		39700	40186	40620	41054	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	24.41	24.66	24.39	24.31	23.99	25.5
		1	24	24.46	24.65	24.32	24.09	23.85	25.5
		1	49	24.41	24.52	24.41	24.14	23.96	25.5
		25	0	23.43	23.76	23.43	23.24	22.96	24.5
		25	12	23.46	23.77	23.61	23.32	22.95	24.5
		25	25	23.42	23.58	23.21	23.27	22.94	24.5
		50	0	23.26	23.67	23.43	23.36	22.97	24.5
	16QAM	1	0	23.34	23.79	23.64	23.36	22.91	24.5
		1	24	23.31	23.70	23.26	23.25	23.03	24.5
		1	49	23.13	23.46	23.13	23.04	22.79	24.5
		25	0	22.26	22.40	22.61	22.28	21.9	23.5
		25	12	22.44	22.60	22.30	22.31	22.04	23.5
		25	25	22.45	22.46	22.27	22.25	21.81	23.5
		50	0	22.29	22.63	22.35	22.19	21.95	23.5
	64QAM	1	0	22.36	22.65	22.39	22.31	21.99	23.5
		1	24	22.43	22.77	22.37	22.39	22.01	23.5
		1	49	22.07	22.48	22.02	22.01	21.81	23.5
		25	0	21.20	21

LTE DSI4

LTE Band 42 FCC Part27Q_Ant1

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequency (MHz)		3460	3500	3540	
20M	QPSK	1	0	19.66	19.64	19.82	20.5
		1	50	**19.94**	19.75	19.68	20.5
		1	99	19.84	19.66	19.75	20.5
		50	0	19.89	19.76	19.84	20.5
		50	25	19.70	19.68	19.78	20.5
		50	50	19.89	19.72	19.64	20.5
		100	0	19.90	19.89	19.70	20.5
	16QAM	1	0	19.83	19.82	19.92	20.5
		1	50	19.72	19.67	19.64	20.5
		1	99	19.63	19.67	19.76	20.5
		50	0	19.86	19.85	19.88	20.5
		50	25	19.75	19.82	19.88	20.5
		50	50	19.61	19.62	19.71	20.5
		100	0	19.73	19.83	19.85	20.5
	64QAM	1	0	19.85	19.84	19.66	20.5
		1	50	19.83	19.62	19.90	20.5
		1	99	19.85	19.90	19.76	20.5
		50	0	19.89	19.83	19.79	20.5
		50	25	19.93	19.82	19.70	20.5
		50	50	19.88	19.76	19.62	20.5
		100	0	19.90	19.85	19.74	20.5
	256QAM	1	0	17.62	17.60	17.51	18.5
		1	50	17.71	17.61	17.47	18.5
		1	99	17.67	17.64	17.59	18.5
		50	0	17.85	17.73	17.68	18.5
		50	25	17.90	17.82	17.81	18.5
		50	50	17.86	17.72	17.70	18.5
		100	0	17.88	17.78	17.64	18.5
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequency (MHz)		3457.5	3500	3542.5	
15M	QPSK	1	0	19.55	19.52	19.74	20.5
		1	37	19.87	19.64	19.57	20.5
		1	74	19.76	19.66	19.68	20.5
		36	0	19.79	19.67	19.81	20.5
		36	19	19.56	19.60	19.74	20.5
		36	39	19.88	19.58	19.49	20.5
		75	0	19.75	19.85	19.68	20.5
	16QAM	1	0	19.73	19.69	19.68	20.5
		1	37	19.57	19.65	19.61	20.5
		1	74	19.58	19.65	19.63	20.5
		36	0	19.75	19.77	19.86	20.5
		36	19	19.71	19.76	19.73	20.5
		36	39	19.59	19.54	19.60	20.5
		75	0	19.61	19.60	19.74	20.5
	64QAM	1	0	19.82	19.80	19.52	20.5
		1	37	19.69	19.60	19.82	20.5
		1	74	19.71	19.90	19.71	20.5
		36	0	19.76	19.71	19.74	20.5
		36	19	19.91	19.68	19.60	20.5
		36	39	19.81	19.68	19.54	20.5
		75	0	19.88	19.72	19.73	20.5
	256QAM	1	0	17.54	17.45	17.44	18.5
		1	37	17.57	17.51	17.34	18.5
		1	74	17.59	17.57	17.56	18.5
		36	0	17.83	17.72	17.64	18.5
		36	19	17.82	17.73	17.71	18.5
		36	39	17.77	17.60	17.64	18.5
		75	0	17.81	17.77	17.56	18.5
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequency (MHz)		3455	3500	3545	
10M	QPSK	1	0	19.52	19.50	19.69	20.5
		1	24	19.86	19.55	19.47	20.5
		1	49	19.66	19.62	19.54	20.5
		25	0	19.75	19.63	19.67	20.5
		25	12	19.48	19.47	19.72	20.5
		25	25	19.82	19.51	19.35	20.5
		50	0	19.66	19.81	19.65	20.5
	16QAM	1	0	19.70	19.57	19.53	20.5
		1	24	19.44	19.58	19.52	20.5
		1	49	19.48	19.56	19.60	20.5
		25	0	19.72	19.75	19.71	20.5
		25	12	19.66	19.76	19.67	20.5
		25	25	19.56	19.48	19.50	20.5
		50	0	19.47	19.45	19.63	20.5
	64QAM	1	0	19.76	19.68	19.39	20.5
		1	24	19.66	19.45	19.67	20.5
		1	49	19.59	19.79	19.59	20.5
		25	0	19.83	19.57	19.64	20.5
		25	12	19.82	19.55	19.45	20.5
		25	25	19.79	19.64	19.51	20.5
		50	0	19.73	19.64	19.62	20.5
	256QAM	1	0	17.43	17.38	17.43	18.5
		1	24	17.48	17.46	17.19	18.5
		1	49	17.53	17.47	17.46	18.5
		25	0	17.75	17.62	17.63	18.5
		25	12	17.69	17.71	17.69	18.5
		25	25	17.71	17.60	17.59	18.5
		50	0	17.71	17.73	17.45	18.5
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequency (MHz)		3452.5	3500	3547.5	
5M	QPSK	1	0	19.42	19.45	19.64	20.5
		1	12	19.72	19.51	19.36	20.5
		1	24	19.53	19.55	19.39	20.5
		12	0	19.60	19.60	19.56	20.5
		12	6	19.36	19.42	19.65	20.5
		12	13	19.76	19.46	19.25	20.5
		25	0	19.53	19.70	19.59	20.5
	16QAM	1	0	19.58	19.44	19.52	20.5
		1	12	19.39	19.51	19.51	20.5
		1	24	19.46	19.56	19.45	20.5
		12	0	19.66	19.65	19.65	20.5
		12	6	19.59	19.66	19.52	20.5
		12	13	19.45	19.39	19.40	20.5
		25	0	19.39	19.45	19.48	20.5
	64QAM	1	0	19.66	19.55	19.33	20.5
		1	12	19.66	19.34	19.60	20.5
		1	24	19.48	19.65	19.48	20.5
		12	0	19.77	19.72	19.71	20.5
		12	6	19.90	19.67	19.62	20.5
		12	13	19.85	19.74	19.60	20.5
		25	0	19.77	19.71	19.67	20.5
	256QAM	1	0	17.49	17.55	17.40	18.5
		1	12	17.59	17.53	17.38	18.5
		1	24	17.65	17.61	17.48	18.5
		12	0	17.71	17.63	17.67	18.5
		12	6	17.79	17.70	17.71	18.5
		12	13	17.74	17.59	17.69	18.5
		25	0	17.78	17.65	17.60	18.5

LTE Band 42 FCC Part96_Ant1

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43340	43490	
		Frequency (MHz)		3560	3575	3590	
20M	QPSK	1	0	19.51	19.42	19.43	20.5
		1	50	**19.76**	19.60	19.50	20.5
		1	99	19.56	19.50	19.44	20.5
		50	0	19.68	19.58	19.61	20.5
		50	25	19.34	19.36	19.44	20.5
		50	50	19.42	19.58	19.53	20.5
		100	0	19.60	19.48	19.40	20.5
	16QAM	1	0	19.37	19.46	19.40	20.5
		1	50	19.53	19.42	19.52	20.5
		1	99	19.58	19.41	19.38	20.5
		50	0	19.49	19.39	19.60	20.5
		50	25	19.51	19.43	19.62	20.5
		50	50	19.53	19.58	19.61	20.5
		100	0	19.45	19.58	19.55	20.5
	64QAM	1	0	19.54	19.45	19.34	20.5
		1	50	19.61	19.56	19.59	20.5
		1	99	19.40	19.42	19.55	20.5
		50	0	19.70	19.56	19.67	20.5
		50	25	19.74	19.59	19.65	20.5
		50	50	19.75	19.66	19.65	20.5
		100	0	19.71	19.58	19.60	20.5
	256QAM	1	0	17.49	17.34	17.40	18.5
		1	50	17.52	17.44	17.45	18.5
		1	99	17.59	17.57	17.47	18.5
		50	0	17.67	17.57	17.52	18.5
		50	25	17.70	17.63	17.64	18.5
		50	50	17.63	17.48	17.49	18.5
		100	0	17.65	17.58	17.53	18.5
BW	MCS Index	Channel		43165	43340	43515	Max. Tune-up
		Frequency (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	19.46	19.36	19.42	20.5
		1	37	19.68	19.51	19.41	20.5
		1	74	19.43	19.45	19.41	20.5
		36	0	19.49	19.50	19.54	20.5
		36	19	19.23	19.34	19.30	20.5
		36	39	19.31	19.54	19.39	20.5
		75	0	19.60	19.35	19.38	20.5
	16QAM	1	0	19.32	19.41	19.29	20.5
		1	37	19.45	19.35	19.42	20.5
		1	74	19.56	19.26	19.36	20.5
		36	0	19.36	19.36	19.38	20.5
		36	19	19.39	19.43	19.62	20.5
		36	39	19.52	19.52	19.51	20.5
		75	0	19.30	19.54	19.52	20.5
	64QAM	1	0	19.40	19.36	19.21	20.5
		1	37	19.57	19.42	19.53	20.5
		1	74	19.37	19.42	19.47	20.5
		36	0	19.56	19.55	19.52	20.5
		36	19	19.59	19.54	19.62	20.5
		36	39	19.73	19.54	19.56	20.5
		75	0	19.63	19.55	19.49	20.5
	256QAM	1	0	17.45	17.28	17.30	18.5
		1	37	17.48	17.35	17.33	18.5
		1	74	17.58	17.43	17.36	18.5
		36	0	17.63	17.51	17.43	18.5
		36	19	17.69	17.62	17.50	18.5
		36	39	17.60	17.45	17.38	18.5
		75	0	17.58	17.43	17.43	18.5
BW	MCS Index	Channel		43140	43340	43540	Max. Tune-up
		Frequency (MHz)		3555	3575	3595	
10M	QPSK	1	0	19.35	19.36	19.29	20.5
		1	24	19.57	19.44	19.27	20.5
		1	49	19.37	19.45	19.32	20.5
		25	0	19.48	19.42	19.47	20.5
		25	12	19.16	19.22	19.24	20.5
		25	25	19.28	19.48	19.25	20.5
		50	0	19.55	19.21	19.36	20.5
	16QAM	1	0	19.28	19.33	19.22	20.5
		1	24	19.42	19.26	19.33	20.5
		1	49	19.49	19.13	19.21	20.5
		25	0	19.30	19.33	19.56	20.5
		25	12	19.34	19.41	19.47	20.5
		25	25	19.46	19.42	19.38	20.5
		50	0	19.23	19.49	19.51	20.5
	64QAM	1	0	19.39	19.27	19.18	20.5
		1	24	19.48	19.32	19.49	20.5
		1	49	19.25	19.36	19.36	20.5
		25	0	19.72	19.35	19.49	20.5
		25	12	19.55	19.38	19.48	20.5
		25	25	19.59	19.44	19.51	20.5
		50	0	19.48	19.54	19.39	20.5
	256QAM	1	0	17.19	17.25	17.18	18.5
		1	24	17.31	17.19	17.29	18.5
		1	49	17.54	17.45	17.44	18.5
		25	0	17.52	17.41	17.24	18.5
		25	12	17.56	17.53	17.50	18.5
		25	25	17.33	17.33	17.44	18.5
		50	0	17.41	17.44	17.33	18.5
BW	MCS Index	Channel		43115	43340	43565	Max. Tune-up
		Frequency (MHz)		3552.5	3575	3597.5	
5M	QPSK	1	0	19.32	19.29	19.22	20.5
		1	12	19.42	19.29	19.27	20.5
		1	24	19.25	19.38	19.31	20.5
		12	0	19.42	19.42	19.43	20.5
		12	6	19.16	19.09	19.24	20.5
		12	13	19.28	19.34	19.21	20.5
		25	0	19.51	19.21	19.24	20.5
	16QAM	1	0	19.14	19.29	19.22	20.5
		1	12	19.41	19.22	19.31	20.5
		1	24	19.43	19.06	19.06	20.5
		12	0	19.58	19.37	19.35	20.5
		12	6	19.32	19.37	19.41	20.5
		12	13	19.31	19.36	19.36	20.5
		25	0	19.13	19.37	19.45	20.5
	64QAM	1	0	19.32	19.18	19.25	20.5
		1	12	19.40	19.25	19.46	20.5
		1	24	19.25	19.33	19.32	20.5
		12	0	19.61	19.47	19.65	20.5
		12	6	19.62	19.58	19.54	20.5
		12	13	19.63	19.61	19.59	20.5
		25	0	19.65	19.57	19.53	20.5
	256QAM	1	0	17.36	17.28	17.38	18.5
		1	12	17.38	17.30	17.40	18.5
		1	24	17.48	17.42	17.41	18.5
		12	0	17.59	17.45	17.50	18.5
		12	6	17.68	17.53	17.62	18.5
		12	13	17.60	17.47	17.35	18.5
		25	0	17.58	17.49	17.50	18.5

LTE Band 42 FCC Part27Q_Ant2

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequency (MHz)		3460	3500	3540	
20M	QPSK	1	0	24.61	24.49	24.26	25.5
		1	50	**24.73**	24.53	24.27	25.5
		1	99	24.65	24.36	24.24	25.5
		50	0	23.85	23.57	23.33	24.5
		50	25	23.87	23.55	23.42	24.5
		50	50	23.82	23.50	23.39	24.5
		100	0	23.77	23.49	23.36	24.5
	16QAM	1	0	23.66	23.41	23.35	24.5
		1	50	23.76	23.63	23.44	24.5
		1	99	23.74	23.71	23.13	24.5
		50	0	22.82	22.74	22.30	23.5
		50	25	22.85	22.80	22.35	23.5
		50	50	22.81	22.72	22.37	23.5
		100	0	22.80	22.74	22.29	23.5
	64QAM	1	0	22.85	22.74	22.50	23.5
		1	50	22.84	22.70	22.45	23.5
		1	99	22.71	22.61	22.25	23.5
		50	0	21.80	21.51	21.26	22.5
		50	25	21.83	21.44	21.24	22.5
		50	50	21.82	21.62	21.38	22.5
		100	0	21.80	21.61	21.26	22.5
	256QAM	1	0	19.77	19.63	19.11	20.5
		1	50	19.63	19.58	19.31	20.5
		1	99	19.68	19.61	19.18	20.5
		50	0	19.82	19.81	19.32	20.5
		50	25	19.80	19.68	19.29	20.5
		50	50	19.81	19.67	19.32	20.5
		100	0	19.79	19.73	19.21	20.5
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequency (MHz)		3457.5	3500	3542.5	
15M	QPSK	1	0	24.47	24.42	24.16	25.5
		1	37	24.59	24.45	24.14	25.5
		1	74	24.61	24.30	24.16	25.5
		36	0	23.84	23.52	23.30	24.5
		36	19	23.78	23.40	23.41	24.5
		36	39	23.68	23.49	23.24	24.5
		75	0	23.74	23.41	23.28	24.5
	16QAM	1	0	23.55	23.28	23.25	24.5
		1	37	23.65	23.58	23.40	24.5
		1	74	23.70	23.60	23.07	24.5
		36	0	22.69	22.66	22.50	23.5
		36	19	22.83	22.70	22.24	23.5
		36	39	22.67	22.60	22.23	23.5
		75	0	22.65	22.62	22.15	23.5
	64QAM	1	0	22.76	22.65	22.46	23.5
		1	37	22.76	22.59	22.34	23.5
		1	74	22.58	22.57	22.16	23.5
		36	0	21.65	21.36	21.21	22.5
		36	19	21.70	21.40	21.17	22.5
		36	39	21.77	21.50	21.32	22.5
		75	0	21.67	21.52	21.23	22.5
	256QAM	1	0	19.73	19.62	19.03	20.5
		1	37	19.48	19.57	19.30	20.5
		1	74	19.61	19.53	19.16	20.5
		36	0	19.70	19.70	19.31	20.5
		36	19	19.70	19.60	19.16	20.5
		36	39	19.75	19.62	19.31	20.5
		75	0	19.78	19.72	19.14	20.5
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequency (MHz)		3455	3500	3545	
10M	QPSK	1	0	24.48	24.38	24.11	25.5
		1	24	24.66	24.40	24.20	25.5
		1	49	24.60	24.31	24.10	25.5
		25	0	23.70	23.39	23.30	24.5
		25	12	23.82	23.46	23.31	24.5
		25	25	23.71	23.41	23.24	24.5
		50	0	23.69	23.36	23.25	24.5
	16QAM	1	0	23.58	23.35	23.21	24.5
		1	24	23.63	23.57	23.41	24.5
		1	49	23.62	23.70	22.98	24.5
		25	0	22.79	22.61	22.18	23.5
		25	12	22.73	22.72	22.31	23.5
		25	25	22.72	22.64	22.36	23.5
		50	0	22.73	22.68	22.26	23.5
	64QAM	1	0	22.70	22.61	22.42	23.5
		1	24	22.82	22.67	22.35	23.5
		1	49	22.68	22.58	22.17	23.5
		25	0	21.72	21.64	21.18	22.5
		25	12	21.73	21.29	21.16	22.5
		25	25	21.78	21.53	21.28	22.5
		50	0	21.70	21.46	21.17	22.5
	256QAM	1	0	19.75	19.56	19.07	20.5
		1	24	19.60	19.47	19.25	20.5
		1	49	19.62	19.47	19.11	20.5
		25	0	19.70	19.69	19.22	20.5
		25	12	19.66	19.60	19.27	20.5
		25	25	19.73	19.61	19.24	20.5
		50	0	19.67	19.67	19.11	20.5
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequency (MHz)		3452.5	3500	3547.5	
5M	QPSK	1	0	24.32	24.36	24.08	25.5
		1	12	24.59	24.42	24.11	25.5
		1	24	24.48	24.20	24.13	25.5
		12	0	23.69	23.39	23.15	24.5
		12	6	23.73	23.43	23.21	24.5
		12	13	23.69	23.42	23.19	24.5
		25	0	23.54	23.28	23.28	24.5
	16QAM	1	0	23.49	23.22	23.19	24.5
		1	12	23.57	23.41	23.35	24.5
		1	24	23.57	23.57	23.06	24.5
		12	0	22.88	22.62	22.16	23.5
		12	6	22.65	22.71	22.24	23.5
		12	13	22.57	22.46	22.21	23.5
		25	0	22.52	22.59	22.18	23.5
	64QAM	1	0	22.78	22.58	22.43	23.5
		1	12	22.72	22.56	22.19	23.5
		1	24	22.50	22.46	22.02	23.5
		12	0	21.63	21.45	21.09	22.5
		12	6	21.57	21.24	21.14	22.5
		12	13	21.57	21.50	21.15	22.5
		25	0	21.61	21.53	21.16	22.5
	256QAM	1	0	19.51	19.39	18.98	20.5
		1	12	19.47	19.39	19.12	20.5
		1	24	19.49	19.46	19.00	20.5
		12	0	19.62	19.62	19.04	20.5
		12	6	19.54	19.48	19.12	20.5
		12	13	19.54	19.56	19.14	20.5
		25	0	19.66	19.64	18.91	20.5

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BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43340	43490	
		Frequency (MHz)		3560	3575	3590	
20M	QPSK	1	0	24.29	24.35	24.28	25.5
		1	50	24.32	24.38	**24.44**	25.5
		1	99	24.23	24.20	24.32	25.5
		50	0	23.35	23.35	23.40	24.5
		50	25	23.37	23.40	23.41	24.5
		50	50	23.39	23.43	23.45	24.5
		100	0	23.36	23.37	23.38	24.5
	16QAM	1	0	23.30	23.31	23.39	24.5
		1	50	23.40	23.35	23.46	24.5
		1	99	23.13	23.10	23.19	24.5
		50	0	22.29	22.32	22.38	23.5
		50	25	22.39	22.34	22.40	23.5
		50	50	22.27	22.35	22.41	23.5
		100	0	22.24	22.34	22.37	23.5
	64QAM	1	0	22.54	22.53	22.55	23.5
		1	50	22.53	22.54	22.58	23.5
		1	99	22.24	22.29	22.32	23.5
		50	0	21.37	21.31	21.38	22.5
		50	25	21.37	21.28	21.39	22.5
		50	50	21.35	21.39	21.44	22.5
		100	0	21.36	21.29	21.39	22.5
	256QAM	1	0	19.15	19.18	19.26	20.5
		1	50	19.42	19.34	19.44	20.5
		1	99	19.15	19.14	19.26	20.5
		50	0	19.33	19.34	19.37	20.5
		50	25	19.37	19.36	19.41	20.5
		50	50	19.27	19.39	19.40	20.5
		100	0	19.24	19.33	19.36	20.5
BW	MCS Index	Channel		43165	43340	43515	Max. Tune-up
		Frequency (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	24.19	24.28	24.21	25.5
		1	37	24.24	24.23	24.37	25.5
		1	74	24.21	24.18	24.28	25.5
		36	0	23.20	23.31	23.33	24.5
		36	19	23.25	23.30	23.26	24.5
		36	39	23.36	23.39	23.37	24.5
		75	0	23.35	23.28	23.37	24.5
	16QAM	1	0	23.22	23.30	23.36	24.5
		1	37	23.37	23.31	23.43	24.5
		1	74	23.09	22.95	23.05	24.5
		36	0	22.17	22.25	22.37	23.5
		36	19	22.32	22.28	22.38	23.5
		36	39	22.12	22.28	22.34	23.5
		75	0	22.19	22.29	22.24	23.5
	64QAM	1	0	22.47	22.42	22.42	23.5
		1	37	22.38	22.41	22.44	23.5
		1	74	22.21	22.18	22.18	23.5
		36	0	21.36	21.28	21.26	22.5
		36	19	21.31	21.19	21.27	22.5
		36	39	21.25	21.25	21.30	22.5
		75	0	21.32	21.23	21.35	22.5
	256QAM	1	0	19.12	19.09	19.25	20.5
		1	37	19.36	19.20	19.43	20.5
		1	74	19.11	19.12	19.24	20.5
		36	0	19.30	19.27	19.27	20.5
		36	19	19.27	19.35	19.38	20.5
		36	39	19.16	19.26	19.27	20.5
		75	0	19.12	19.31	19.23	20.5
BW	MCS Index	Channel		43140	43340	43540	Max. Tune-up
		Frequency (MHz)		3555	3575	3595	
10M	QPSK	1	0	24.19	24.28	24.14	25.5
		1	24	24.24	24.23	24.42	25.5
		1	49	24.09	24.09	24.17	25.5
		25	0	23.29	23.24	23.25	24.5
		25	12	23.30	23.32	23.40

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LTE Band 42 FCC Part27Q_Ant3							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequence (MHz)		3460	3500	3540	
20M	QPSK	1	0	24.30	23.99	23.89	24.5
		1	50	**24.37**	24.05	23.95	24.5
		1	99	24.19	23.93	23.87	24.5
		50	0	23.45	23.09	23.02	23.5
		50	25	23.47	23.10	23.05	23.5
		50	50	23.43	23.09	23.01	23.5
		100	0	23.38	23.08	23.03	23.5
	16QAM	1	0	23.36	23.13	23.02	23.5
		1	50	23.41	23.23	23.13	23.5
		1	99	23.43	22.97	22.85	23.5
		50	0	22.41	22.12	22.00	22.5
		50	25	22.36	22.10	22.09	22.5
		50	50	22.40	22.16	22.12	22.5
		100	0	22.31	22.03	21.95	22.5
	64QAM	1	0	22.48	22.18	22.04	22.5
		1	50	22.36	22.23	22.22	22.5
		1	99	22.40	22.21	22.09	22.5
		50	0	21.45	21.11	21.08	21.5
		50	25	21.43	21.26	21.19	21.5
		50	50	21.31	21.22	21.07	21.5
		100	0	21.49	21.06	20.97	21.5
	256QAM	1	0	19.36	19.09	19.07	19.5
		1	50	19.34	19.18	19.10	19.5
		1	99	19.19	18.95	18.81	19.5
		50	0	19.47	19.16	19.13	19.5
		50	25	19.50	19.18	19.05	19.5
		50	50	19.38	19.07	19.02	19.5
		100	0	19.47	19.19	19.16	19.5
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequence (MHz)		3457.5	3500	3542.5	
15M	QPSK	1	0	24.27	23.96	23.77	24.5
		1	37	24.24	24.03	23.94	24.5
		1	74	24.15	23.83	23.74	24.5
		36	0	23.38	23.07	22.91	23.5
		36	19	23.36	23.00	22.98	23.5
		36	39	23.37	23.03	22.93	23.5
		75	0	23.29	23.00	22.97	23.5
	16QAM	1	0	23.24	22.99	22.97	23.5
		1	37	23.31	23.21	22.98	23.5
		1	74	23.30	22.92	22.80	23.5
		36	0	22.26	22.05	21.92	22.5
		36	19	22.31	21.97	21.96	22.5
		36	39	22.36	22.08	22.00	22.5
		75	0	22.25	21.88	21.82	22.5
	64QAM	1	0	22.37	22.06	22.03	22.5
		1	37	22.34	22.11	22.14	22.5
		1	74	22.35	22.17	22.02	22.5
		36	0	21.36	20.97	20.97	21.5
		36	19	21.34	21.25	21.12	21.5
		36	39	21.18	21.11	21.06	21.5
		75	0	21.40	20.98	20.86	21.5
	256QAM	1	0	19.27	19.04	18.99	19.5
		1	37	19.19	19.11	18.96	19.5
		1	74	19.18	18.83	18.72	19.5
		36	0	19.45	19.04	19.06	19.5
		36	19	19.46	19.12	18.97	19.5
		36	39	19.23	18.97	18.89	19.5
		75	0	19.42	19.09	19.14	19.5
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequence (MHz)		3455	3500	3545	
10M	QPSK	1	0	24.10	23.90	23.62	24.5
		1	24	24.18	23.89	23.89	24.5
		1	49	24.08	23.78	23.60	24.5
		25	0	23.32	23.01	22.80	23.5
		25	12	23.25	22.87	22.97	23.5
		25	25	23.32	22.89	22.90	23.5
		50	0	23.27	22.91	22.87	23.5
	16QAM	1	0	23.23	22.86	22.88	23.5
		1	24	23.17	23.20	22.95	23.5
		1	49	23.26	22.82	22.72	23.5
		25	0	22.21	21.94	21.89	22.5
		25	12	22.22	21.85	21.84	22.5
		25	25	22.25	22.00	21.98	22.5
		50	0	22.18	21.73	21.67	22.5
	64QAM	1	0	22.29	21.96	22.00	22.5
		1	24	22.23	22.05	22.00	22.5
		1	49	22.20	22.07	21.92	22.5
		25	0	21.21	20.88	20.91	21.5
		25	12	21.28	21.11	21.11	21.5
		25	25	21.09	20.96	20.99	21.5
		50	0	21.26	20.83	20.77	21.5
	256QAM	1	0	19.19	18.99	18.91	19.5
		1	24	19.13	19.09	18.84	19.5
		1	49	19.17	18.72	18.61	19.5
		25	0	19.34	18.90	18.92	19.5
		25	12	19.44	18.98	18.89	19.5
		25	25	19.15	18.90	18.84	19.5
		50	0	19.35	19.06	19.02	19.5
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequence (MHz)		3452.5	3500	3547.5	
5M	QPSK	1	0	24.23	23.89	23.86	24.5
		1	12	24.35	24.03	23.91	24.5
		1	24	24.17	23.85	23.72	24.5
		12	0	23.42	22.97	22.92	23.5
		12	6	23.45	23.05	22.96	23.5
		12	13	23.31	23.03	22.99	23.5
		25	0	23.31	22.95	22.97	23.5
	16QAM	1	0	23.28	23.02	22.92	23.5
		1	12	23.37	23.12	23.04	23.5
		1	24	23.40	22.94	22.81	23.5
		12	0	22.37	21.99	21.86	22.5
		12	6	22.34	22.00	22.06	22.5
		12	13	22.38	22.10	21.99	22.5
		25	0	22.30	21.98	21.80	22.5
	64QAM	1	0	22.44	22.16	21.94	22.5
		1	12	22.29	22.17	22.16	22.5
		1	24	22.37	22.12	21.94	22.5
		12	0	21.36	21.00	20.94	21.5
		12	6	21.35	21.22	21.17	21.5
		12	13	21.19	21.16	20.99	21.5
		25	0	21.41	20.99	20.84	21.5
	256QAM	1	0	19.25	19.03	19.06	19.5
		1	12	19.24	19.10	19.06	19.5
		1	24	19.05	18.90	18.74	19.5
		12	0	19.42	19.15	19.05	19.5
		12	6	19.46	19.15	19.00	19.5
		12	13	19.31	19.06	18.98	19.5
		25	0	19.33	19.17	19.11	19.5

LTE Band 42 FCC Part96_Ant3							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43340	43490	
		Frequence (MHz)		3560	3575	3590	
20M	QPSK	1	0	24.12	24.08	24.09	24.5
		1	50	**24.18**	24.13	24.11	24.5
		1	99	24.04	24.06	23.97	24.5
		50	0	23.21	23.17	23.15	23.5
		50	25	23.27	23.19	23.21	23.5
		50	50	23.16	23.13	23.19	23.5
		100	0	23.22	23.19	23.01	23.5
	16QAM	1	0	23.24	23.28	23.15	23.5
		1	50	23.36	23.27	23.25	23.5
		1	99	23.02	23.05	23.02	23.5
		50	0	22.24	22.15	22.25	22.5
		50	25	22.15	22.21	22.24	22.5
		50	50	22.23	22.30	22.17	22.5
		100	0	22.07	22.17	22.09	22.5
	64QAM	1	0	22.27	22.23	22.29	22.5
		1	50	22.36	22.35	22.33	22.5
		1	99	22.24	22.35	22.28	22.5
		50	0	21.17	21.23	21.13	21.5
		50	25	21.38	21.35	21.35	21.5
		50	50	21.34	21.36	21.29	21.5
		100	0	21.07	21.17	21.14	21.5
	256QAM	1	0	19.18	19.10	19.15	19.5
		1	50	19.24	19.24	19.23	19.5
		1	99	19.04	18.98	19.09	19.5
		50	0	19.30	19.31	19.24	19.5
		50	25	19.29	19.29	19.24	19.5
		50	50	19.15	19.19	19.21	19.5
		100	0	19.31	19.34	19.31	19.5
BW	MCS Index	Channel		43165	43340	43515	Max. Tune-up
		Frequence (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	23.99	24.13	24.01	24.5
		1	37	24.04	24.06	24.02	24.5
		1	74	23.93	23.99	23.88	24.5
		36	0	23.10	23.09	23.13	23.5
		36	19	23.18	23.09	23.11	23.5
		36	39	23.08	23.10	23.14	23.5
		75	0	23.20	23.17	22.91	23.5
	16QAM	1	0	23.15	23.14	23.04	23.5
		1	37	23.29	23.25	23.21	23.5
		1	74	23.00	22.99	23.00	23.5
		36	0	22.19	22.13	22.22	22.5
		36	19	22.12	22.12	22.10	22.5
		36	39	22.18	22.16	22.06	22.5
		75	0	21.96	22.10	21.96	22.5
	64QAM	1	0	22.24	22.16	22.26	22.5
		1	37	22.27	22.20	22.24	22.5
		1	74	22.12	22.21	22.13	22.5
		36	0	21.12	21.14	20.99	21.5
		36	19	21.36	21.21	21.31	21.5
		36	39	21.27	21.26	21.17	21.5
		75	0	20.98	21.05	21.09	21.5
	256QAM	1	0	19.17	18.95	19.08	19.5
		1	37	19.21	19.14	19.09	19.5
		1	74	18.91	18.92	18.98	19.5
		36	0	19.24	19.25	19.14	19.5
		36	19	19.17	19.18	19.09	19.5
		36	39	19.13	19.14	19.20	19.5
		75	0	19.16	19.26	19.19	19.5
BW	MCS Index	Channel		43140	43340	43540	Max. Tune-up
		Frequence (MHz)		3555	3575	3595	
10M	QPSK	1	0	24.04	24.01	23.90	24.5
		1	24	23.99	23.92	23.99	24.5
		1	49	24.00	24.00	23.82	24.5
		25	0	23.15	23.06	23.08	23.5
		25	12	23.12	23.10	23.05	23.5
		25	25	23.13	22.93	23.05	23.5
		50	0	23.01	22.94	22.75	23.5
	16QAM	1	0	23.17	23.11	22.99	23.5
		1	24	23.18	23.17	23.12	23.5
		1	49	22.91	23.00	22.89	23.5
		25	0	22.10	22.10	22.12	22.5
		25	12	22.03	22.08	22.11	22.5
		25	25	22.12	22.11	21.98	22.5
		50	0	21.93	21.94	21.92	22.5
	64QAM	1	0	22.04	22.19	22.15	22.5
		1	24	22.21	22.14	22.17	22.5
		1	49	22.12	22.23	22.06	22.5
		25	0	21.11	21.07	21.03	21.5
		25	12	21.23	21.13	21.21	21.5
		25	25	21.20	21.08	21.06	21.5
		50	0	20.94	20.96	20.97	21.5
	256QAM	1	0	19.07	18.88	19.04	19.5
		1	24	19.03	19.18	19.05	19.5
		1	49	18.86	18.78	18.87	19.5
		25	0	19.20	19.04	19.01	19.5
		25	12	19.16	19.20	18.98	19.5
		25	25	18.91	19.09	19.12	19.5
		50	0	19.08	19.10	19.25	19.5
BW	MCS Index	Channel		43115	43340	43565	Max. Tune-up
		Frequence (MHz)		3552.5	3575	3597.5	
5M	QPSK	1	0	23.94	24.01	23.94	24.5
		1	12	23.97	23.99	23.91	24.5
		1	24	23.82	23.98	23.87	24.5
		12	0	23.05	22.96	22.93	23.5
		12	6	22.97	23.08	23.02	23.5
		12	13	22.95	23.01	22.97	23.5
		25	0	23.02	23.03	22.77	23.5
	16QAM	1	0	23.02	23.03	22.99	23.5
		1	12	23.23	23.18	23.06	23.5
		1	24	22.88	22.83	22.95	23.5
		12	0	22.03	22.05	22.10	22.5
		12	6	22.08	22.08	22.10	22.5
		12	13	22.11	22.09	21.90	22.5
		25	0	21.88	22.13	21.85	22.5
	64QAM	1	0	22.06	22.13	22.02	22.5
		1	12	22.27	22.20	22.25	22.5
		1	24	22.15	22.21	22.08	22.5
		12	0	21.03	21.04	21.06	21.5
		12	6	21.25	21.19	21.14	21.5
		12	13	21.19	21.27	21.18	21.5
		25	0	20.95	20.93	20.97	21.5
	256QAM	1	0	18.94	18.94	19.06	19.5
		1	12	19.18	19.02	19.18	19.5
		1	24	18.87	18.92	18.89	19.5
		12	0	19.20	19.03	19.10	19.5
		12	6	19.12	19.10	19.16	19.5
		12	13	19.07	19.04	18.99	19.5
		25	0	19.15	19.20	19.14	19.5

LTE Band 42 FCC Part27Q_Ant7							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequence (MHz)		3460	3500	3540	
20M	QPSK	1	0	18.11	18.27	18.15	19
		1	50	**18.33**	18.29	18.25	19
		1	99	18.18	18.16	18.22	19
		50	0	18.17	18.17	18.25	19
		50	25	18.28	18.19	18.27	19
		50	50	18.11	18.16	18.08	19
		100	0	18.31	18.25	18.08	19
	16QAM	1	0	18.04	18.13	18.23	19
		1	50	18.31	18.27	18.19	19
		1	99	18.10	18.09	18.20	19
		50	0	18.21	18.30	18.19	19
		50	25	18.14	18.08	18.29	19
		50	50	18.16	18.17	18.12	19
		100	0	18.32	18.06	18.06	19
	64QAM	1	0	18.22	18.24	18.19	19
		1	50	18.15	18.09	18.06	19
		1	99	18.16	18.11	18.03	19
		50	0	18.09	18.29	18.19	19
		50	25	18.29	18.12	18.04	19
		50	50	18.20	18.16	18.04	19
		100	0	18.07	18.06	18.06	19
	256QAM	1	0	16.94	17.01	16.91	18
		1	50	17.15	17.03	16.90	18
		1	99	16.75	16.82	16.82	18
		50	0	16.87	17.00	16.89	18
		50	25	16.86	17.01	16.97	18
		50	50	16.87	17.00	16.89	18
		100	0	17.01	17.03	16.90	18
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequence (MHz)		3457.5	3500	3542.5	
15M	QPSK	1	0	17.99	18.14	18.15	19
		1	37	18.30	18.28	18.25	19
		1	74	18.04	18.14	18.19	19
		36	0	18.10	18.08	18.12	19
		36	19	18.28	18.18	18.19	19
		36	39	18.02	18.06	17.97	19
		75	0	18.28	18.10	18.01	19
	16QAM	1	0	17.90	17.98	18.22	19
		1	37	18.20	18.27	18.11	19
		1	74	18.01	18.04	18.15	19
		36	0	18.12	18.21	18.13	19
		36	19	18.05	18.06	18.18	19
		36	39	18.15	18.07	18.02	19
		75	0	18.17	18.00	17.99	19
	64QAM	1	0	18.19	18.16	18.11	19
		1	37	18.01	17.99	18.02	19
		1	74	18.12	17.97	17.88	19
		36	0	18.00	18.16	18.12	19
		36	19	18.15	17.99	17.97	19
		36	39	18.20	18.15	18.03	19
		75	0	17.95	18.02	18.04	19
	256QAM	1	0	16.82	16.87	16.79	18
		1	37	17.13	16.89	16.84	18
		1	74	16.69	16.68	16.80	18
		36	0	16.85	16.98	16.79	18
		36	19	16.74	17.00	16.86	18
		36	39	16.72	16.89	16.77	18
		75	0	16.94	16.98	16.82	18
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequence (MHz)		3455	3500	3545	
10M	QPSK	1	0	17.86	18.14	18.03	19
		1	24	18.25	18.16	18.15	19
		1	49	17.90	18.14	18.04	19
		25	0	18.07	17.95	18.00	19
		25	12	18.23	18.13	18.13	19
		25	25	17.90	18.06	17.93	19
		50	0	18.23	18.07	17.88	19
	16QAM	1	0	17.81	17.97	18.08	19
		1	24	18.07	18.22	18.07	19
		1	49	17.91	18.00	18.02	19
		25	0	18.02	18.06	18.12	19
		25	12	17.91	17.95	18.17	19
		25	25	18.05	18.00	17.98	19
		50	0	18.03	17.87	17.87	19
	64QAM	1	0	18.08	18.13	18.04	19
		1	24	17.89	17.93	17.90	19
		1	49	18.09	17.86	17.88	19
		25	0	17.86	18.08	18.02	19
		25	12	18.07	17.84	17.91	19
		25	25	18.15	18.05	18.01	19
		50	0	17.81	18.00	17.98	19
	256QAM	1	0	16.81	16.87	16.84	18
		1	24	17.13	16.89	16.89	18
		1	49	16.68	16.73	16.69	18
		25	0	16.79	16.97	16.86	18
		25	12	16.76	16.87	16.89	18
		25	25	16.72	16.86	16.75	18
		50	0	16.93	16.98	16.76	18
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequence (MHz)		3452.5	3500	3547.5	
5M	QPSK	1	0	17.78	18.12	18.00	19
		1	12	18.21	18.01	18.09	19
		1	24	17.84	18.08	17.95	19
		12	0	17.93	17.80	17.98	19
		12	6	18.18	18.04	18.07	19
		12	13	17.87	17.95	17.91	19
		25	0	18.08	18.06	17.73	19
	16QAM	1	0	17.78	17.88	17.97	19
		1	12	17.95	18.21	17.98	19
		1	24	17.78	17.94	17.93	19
		12	0	17.99	17.98	18.10	19
		12	6	17.76	17.84	18.10	19
		12	13	18.00	17.94	17.85	19
		25	0	17.89	17.76	17.75	19
	64QAM	1	0	17.99	18.07	18.03	19
		1	12	17.89	17.83	17.80	19
		1	24	18.04	17.77	17.82	19
		12	0	17.79	18.03	18.02	19
		12	6	18.03	17.76	17.86	19
		12	13	18.15	18.02	17.96	19
		25	0	17.71	17.96	17.95	19
	256QAM	1	0	16.90	16.90	16.77	18
		1	12	17.04	16.89	16.75	18
		1	24	16.62	16.79	16.68	18
		12	0	16.84	16.93	16.86	18
		12	6	16.76	16.96	16.87	18
		12	13	16.75	16.86	16.79	18
		25	0	16.93	16.90	16.83	18

LTE Band 42 FCC Part96_Ant7							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43340	43490	
		Frequence (MHz)		3560	3575	3590	
20M	QPSK	1	0	18.16	18.10	17.93	19
		1	50	**18.22**	18.20	18.14	19
		1	99	17.95	18.00	18.07	19
		50	0	17.97	18.00	18.07	19
		50	25	18.15	18.02	18.08	19
		50	50	18.00	18.00	18.11	19
		100	0	18.20	18.06	18.11	19
	16QAM	1	0	17.99	18.16	18.15	19
		1	50	18.18	18.03	18.20	19
		1	99	18.18	18.21	17.99	19
		50	0	18.04	18.09	17.95	19
		50	25	17.96	17.93	18.15	19
		50	50	18.16	18.11	18.18	19
		100	0	18.18	17.91	17.92	19
	64QAM	1	0	17.91	17.97	18.12	19
		1	50	18.13	18.15	18.15	19
		1	99	18.08	18.19	17.99	19
		50	0	18.05	17.94	17.94	19
		50	25	17.91	18.00	18.12	19
		50	50	17.98	18.16	18.04	19
		100	0	18.11	17.94	18.12	19
	256QAM	1	0	17.15	17.27	17.16	18
		1	50	17.18	17.31	17.30	18
		1	99	17.09	16.96	17.01	18
		50	0	17.33	17.20	17.16	18
		50	25	17.28	17.19	17.26	18
		50	50	17.18	17.31	17.38	18
		100	0	17.40	17.37	17.18	18
BW	MCS Index	Channel		43165	43340	43515	Max. Tune-up
		Frequence (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	18.14	18.08	17.88	19
		1	37	18.15	18.20	18.12	19
		1	74	17.95	17.91	17.93	19
		36	0	17.91	18.00	18.06	19
		36	19	18.12	17.97	18.04	19
		36	39	17.91	17.99	18.03	19
		75	0	18.19	17.94	18.11	19
	16QAM	1	0	17.96	18.02	18.03	19
		1	37	18.08	17.89	18.15	19
		1	74	18.05	18.09	17.89	19
		36	0	17.92	18.02	17.83	19
		36	19	17.90	17.86	18.11	19
		36	39	18.12	18.02	18.04	19
		75	0	18.07	17.82	17.83	19
	64QAM	1	0	17.85	17.84	17.97	19
		1	37	17.98	18.09	18.05	19
		1	74	18.05	18.05	17.97	19
		36	0	17.93	17.88	17.82	19
		36	19	17.79	17.97	18.02	19
		36	39	17.91	18.15	17.97	19
		75	0	18.01	17.90	18.09	19
	256QAM	1	0	17.10	17.15	17.07	18
		1	37	17.09	17.19	17.15	18
		1	74	16.97	16.94	16.91	18
		36	0	17.31	17.14	17.15	18
		36	19	17.15	17.11	17.16	18
		36	39	17.11	17.17	17.36	18
		75	0	17.35	17.22	17.05	18
BW	MCS Index	Channel		43140	43340	43540	Max. Tune-up
		Frequence (MHz)		3555	3575	3595	
10M	QPSK	1	0	18.01	18.00	17.81	19
		1	24	18.09	18.20	18.10	19
		1	49	17.84	17.90	17.86	19
		25	0	17.81	17.86	17.96	19
		25	12	18.06	17.96	17.97	19
		25	25	17.87	17.89	17.89	19
		50	0	18.08	17.87	17.99	19
	16QAM	1	0	17.96	17.99	17.89	19
		1	24	18.04	17.80	18.09	19
		1	49	17.91	18.05	17.81	19
		25	0	17.91	17.98	17.83	19
		25	12	17.76	17.83	18.03	19
		25	25	17.97	18.00	17.89	19
		50	0	17.97	17.77	17.78	19
	64QAM	1	0	17.74	17.79	17.88	19
		1	24	17.92	18.00	18.00	19
		1	49	18.04	18.04	17.86	19
		25	0	17.82	17.78	17.68	19
		25	12	17.69	17.95	17.88	19
		25	25	17.91	18.07	17.93	19
		50	0	17.95	17.84	18.05	19
	256QAM	1	0	17.06	17.24	17.12	18
		1	24	17.17	17.21	17.20	18
		1	49	16.94	16.89	16.99	18
		25	0	17.26	17.14	17.12	18
		25	12	17.24	17.10	17.14	18
		25	25	17.11	17.24	17.32	18
		50	0	17.25	17.35	17.10	18
BW	MCS Index	Channel		43115	43340	43565	Max. Tune-up
		Frequence (MHz)		3552.5	3575	3597.5	
5M	QPSK	1	0	17.94	18.00	17.70	19
		1	12	17.97	18.15	17.96	19
		1	24	17.71	17.75	17.76	19
		12	0	17.77	17.78	17.87	19
		12	6	17.99	17.88	17.88	19
		12	13	17.81	17.75	17.84	19
		25	0	17.96	17.78	17.93	19
	16QAM	1	0	17.82	17.94	17.76	19
		1	12	18.01	17.66	18.01	19
		1	24	17.83	17.95	17.66	19
		12	0	17.90	17.85	17.81	19
		12	6	17.68	17.74	17.93	19
		12	13	17.88	18.00	17.82	19
		25	0	17.91	17.69	17.77	19
	64QAM	1	0	17.73	17.77	17.86	19
		1	12	17.90	17.90	17.96	19
		1	24	18.04	18.00	17.72	19
		12	0	17.70	17.64	17.67	19
		12	6	17.63	17.95	17.84	19
		12	13	17.89	17.99	17.82	19
		25	0	17.86	17.78	18.01	19
	256QAM	1	0	17.12	17.13	17.10	18
		1	12	17.09	17.20	17.29	18
		1	24	16.96	16.83	16.98	18
		12	0	17.25	17.06	17.14	18
		12	6	17.22	17.12	17.22	18
		12	13	17.10	17.22	17.28	18
		25	0	17.29	17.25	17.04	18

LTE DS4

LTE Band 48 for SAR_Ant1

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640	
		Frequence (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	**20.67**	20.58	20.66	20.57	21.5
		1	50	20.48	20.49	20.49	20.41	21.5
		1	99	20.66	20.53	20.61	20.56	21.5
		50	0	20.15	20.12	20.02	20.07	21
		50	25	20.19	20.14	20.12	20.14	21
		50	50	20.23	20.17	20.13	20.21	21
		100	0	20.22	20.15	20.08	20.18	21
	16QAM	1	0	19.87	19.77	19.79	19.82	21
		1	50	19.84	19.82	19.87	19.86	21
		1	99	19.77	19.78	19.83	19.71	21
		50	0	18.75	18.72	18.71	18.78	20
		50	25	18.90	18.90	18.86	18.97	20
		50	50	18.90	18.90	18.82	18.87	20
		100	0	18.76	18.62	18.73	18.82	20
	64QAM	1	0	18.78	18.78	18.79	18.73	20
		1	50	18.90	18.95	18.90	18.88	20
		1	99	18.81	18.90	18.84	18.81	20
		50	0	17.75	17.77	17.78	17.81	19
		50	25	17.86	17.91	17.91	17.87	19
		50	50	17.96	17.92	17.88	17.91	19
		100	0	17.92	17.84	17.86	17.82	19
	256QAM	1	0	15.59	15.60	15.64	15.58	17
		1	50	15.78	15.78	15.72	15.84	17
		1	99	15.75	15.74	15.72	15.7	17
		50	0	15.82	15.89	15.76	15.76	17
		50	25	15.92	15.92	15.99	15.94	17
		50	50	15.88	15.89	15.92	15.91	17
		100	0	15.95	15.89	15.84	15.89	17

BW	MCS Index	Channel		55310	55620	56160	56660	Max. Tune-up
		Frequence (MHz)		3557.5	3588	3642	3692.5	
15M	QPSK	1	0	20.58	20.43	20.54	20.50	21.5
		1	37	20.38	20.45	20.48	20.31	21.5
		1	74	20.60	20.42	20.50	20.56	21.5
		36	0	20.12	20.00	19.99	19.98	21
		36	19	20.15	19.99	20.02	20.13	21
		36	39	20.14	20.08	20.10	20.07	21
		75	0	20.18	20.09	20.03	20.08	21
	16QAM	1	0	19.83	19.65	19.74	19.76	21
		1	37	19.74	19.69	19.85	19.73	21
		1	74	19.65	19.76	19.82	19.66	21
		36	0	18.60	18.62	18.64	18.67	20
		36	19	18.64	18.60	18.60	18.69	20
		36	39	18.79	18.87	18.78	18.78	20
	64QAM	75	0	18.74	18.81	18.62	18.8	20
		1	0	18.77	18.65	18.66	18.66	20
		1	37	18.84	18.92	18.88	18.84	20
		1	74	18.71	18.87	18.79	18.69	20
		36	0	17.70	17.74	17.75	17.66	19
		36	19	17.85	17.85	17.77	17.72	19
		36	39	17.81	17.72	17.81	17.85	19
		75	0	17.82	17.69	17.75	17.71	19
	256QAM	1	0	15.57	15.58	15.63	15.44	17
		1	37	15.63	15.75	15.71	15.74	17
		1	74	15.67	15.65	15.59	15.65	17
		36	0	15.69	15.80	15.70	15.73	17
		36	19	15.87	15.91	15.90	15.82	17
		36	39	15.82	15.83	15.80	15.83	17
		75	0	15.90	15.88	15.76	15.78	17

BW	MCS Index	Channel		55290	55810	56140	56690	Max.
		Frequence (MHz)		3555	3607.5	3642.5	3695	Tune-up
10M	QPSK	1	0	20.55	20.33	20.46	20.39	21.5
		1	24	20.31	20.43	20.42	20.21	21.5
		1	49	20.49	20.37	20.46	20.50	21.5
		25	0	20.08	20.06	20.01	19.94	21
		25	12	20.10	20.03	20.04	20.08	21
		25	25	20.13	20.13	20.07	20.15	21
		50	0	20.21	20.00	19.93	20.03	21
	16QAM	1	0	19.82	19.66	19.78	19.76	21
		1	24	19.73	19.76	19.84	19.80	21
		1	49	19.67	19.77	19.73	19.62	21
		25	0	18.71	18.65	18.69	18.63	20
		25	12	18.79	18.77	18.72	18.91	20
		25	25	18.86	18.90	18.67	18.75	20
		50	0	18.72	18.79	18.63	18.79	20
	64QAM	1	0	18.75	18.63	18.72	18.62	20
		1	24	18.81	18.94	18.84	18.73	20
		1	49	18.76	18.82	18.70	18.73	20
		25	0	17.73	17.67	17.66	17.69	19
		25	12	17.75	17.87	17.82	17.76	19
		25	25	17.93	17.72	17.83	17.88	19
		50	0	17.88	17.72	17.71	17.67	19
	256QAM	1	0	15.45	15.51	15.51	15.44	17
		1	24	15.76	15.73	15.69	15.77	17
		1	49	15.71	15.62	15.70	15.67	17
		25	0	15.72	15.85	15.69	15.62	17
		25	12	15.90	15.85	15.90	15.89	17
		25	25	15.79	15.94	15.85	15.76	17
		50	0	15.84	15.85	15.81	15.83	17

BW	MCS Index	Channel		55265	55810	56170	56715	Max.
		Frequence (MHz)		3552.5	3607	3643	3697.5	Tune-up
5M	QPSK	1	0	20.44	20.26	20.36	20.35	21.5
		1	12	20.28	20.29	20.29	20.19	21.5
		1	24	20.35	20.24	20.34	20.39	21.5
		12	0	20.09	20.05	19.91	19.95	21
		12	6	20.09	20.10	20.02	20.05	21
		12	13	20.11	20.11	20.05	20.09	21
		25	0	20.10	20.03	19.99	20.08	21
	16QAM	1	0	19.81	19.72	19.69	19.79	21
		1	12	19.69	19.71	19.83	19.78	21
		1	24	19.73	19.76	19.78	19.61	21
		12	0	18.63	18.64	18.60	18.68	20
		12	6	18.66	18.63	18.75	18.9	20
		12	13	18.89	18.79	18.80	18.77	20
		25	0	18.63	18.69	18.63	18.73	20
	64QAM	1	0	18.65	18.71	18.75	18.62	20
		1	12	18.80	18.89	18.81	18.8	20
		1	24	18.69	18.82	18.80	18.75	20
		12	0	17.65	17.62	17.74	17.68	19
		12	6	17.79	17.88	17.84	17.77	19
		12	13	17.96	17.79	17.75	17.81	19
		25	0	17.91	17.75	17.74	17.78	19
	256QAM	1	0	15.50	15.45	15.59	15.43	17
		1	12	15.76	15.70	15.64	15.69	17
		1	24	15.66	15.59	15.57	15.61	17
		12	0	15.71	15.82	15.77	15.66	17
		12	6	15.92	15.85	15.90	15.83	17
		12	13	15.79	15.79	15.88	15.86	17
		25	0	15.87	15.83	15.71	15.81	17

LTE Band 48 for SAR_Ant2

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640	
		Frequence (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	22.71	22.63	22.49	22.7	24
		1	50	**22.76**	22.67	22.57	22.73	24
		1	99	22.74	22.58	22.53	22.69	24
		50	0	21.87	21.79	21.55	21.72	23
		50	25	21.93	21.91	21.68	21.88	23
		50	50	21.90	21.75	21.66	21.85	23
		100	0	21.89	21.80	21.67	21.83	23
	16QAM	1	0	21.77	21.63	21.71	21.68	23
		1	50	21.79	21.76	21.74	21.77	23
		1	99	21.63	21.68	21.71	21.76	23
		50	0	20.69	20.79	20.79	20.76	22
		50	25	20.92	20.82	20.86	20.77	22
		50	50	20.93	20.90	20.83	20.86	22
		100	0	20.87	20.75	20.75	20.79	22
	64QAM	1	0	20.77	20.67	20.63	20.72	22
		1	50	20.83	20.72	20.77	20.78	22
		1	99	20.75	20.65	20.63	20.62	22
		50	0	19.88	19.83	19.86	19.8	21
		50	25	19.93	19.78	19.79	19.85	21
		50	50	19.91	19.81	19.80	19.88	21
		100	0	19.89	19.86	19.77	19.75	21
	256QAM	1	0	17.83	17.74	17.68	17.76	19
		1	50	17.94	17.77	17.81	17.82	19
		1	99	17.81	17.76	17.79	17.74	19
		50	0	17.94	17.87	17.88	17.83	19
		50	25	17.91	17.88	17.88	17.9	19
		50	50	17.93	17.85	17.81	17.91	19
		100	0	17.92	17.91	17.84	17.9	19

BW	MCS Index	Channel		55310	55620	56160	56660	Max. Tune-up
		Frequence (MHz)		3557.5	3588	3642	3692.5	
15M	QPSK	1	0	22.55	22.62	22.38	22.64	24.00
		1	37	22.74	22.64	22.44	22.72	24.00
		1	74	22.64	22.52	22.41	22.66	24.00
		36	0	21.74	21.64	21.51	21.7	23.00
		36	19	21.92	21.76	21.65	21.78	23.00
		36	39	21.86	21.65	21.51	21.75	23.00
		75	0	21.83	21.77	21.54	21.74	23.00
	16QAM	1	0	21.74	21.59	21.67	21.64	23.00
		1	37	21.68	21.65	21.70	21.66	23.00
		1	74	21.69	21.56	21.65	21.62	23.00
		36	0	20.78	20.69	20.75	20.72	22.00
		36	19	20.80	20.75	20.75	20.76	22.00
		36	39	20.92	20.80	20.72	20.72	22.00
	64QAM	75	0	20.72	20.74	20.61	20.65	22.00
		1	0	20.63	20.59	20.59	20.64	22.00
		1	37	20.72	20.68	20.65	20.67	22.00
		1	74	20.61	20.61	20.61	20.55	22.00
		36	0	19.73	19.76	19.76	19.75	21.00
		36	19	19.90	19.73	19.72	19.71	21.00
		36	39	19.84	19.72	19.72	19.77	21.00
		75	0	19.78	19.75	19.65	19.62	21.00
	256QAM	1	0	17.82	17.63	17.55	17.63	19.00
		1	37	17.76	17.76	17.69	17.73	19.00
		1	74	17.74	17.72	17.78	17.62	19.00
		36	0	17.85	17.85	17.77	17.72	19.00
		36	19	17.76	17.71	17.79	17.82	19.00
		36	39	17.92	17.74	17.68	17.87	19.00
		75	0	17.77	17.83	17.81	17.75	19.00

BW	MCS Index	Channel		55290	55810	56140	56690	Max.
		Frequence (MHz)		3555	3607.5	3642.5	3695	Tune-up
10M	QPSK	1	0	22.69	22.48	22.41	22.63	24.00
		1	24	22.75	22.59	22.52	22.61	24.00
		1	49	22.68	22.45	22.46	22.58	24.00
		25	0	21.72	21.77	21.41	21.59	23.00
		25	12	21.83	21.67	21.59	21.83	23.00
		25	25	21.87	21.63	21.54	21.82	23.00
		50	0	21.84	21.70	21.53	21.79	23.00
	16QAM	1	0	21.71	21.60	21.68	21.66	23.00
		1	24	21.71	21.72	21.70	21.71	23.00
		1	49	21.61	21.62	21.60	21.73	23.00
		25	0	20.80	20.74	20.65	20.61	22.00
		25	12	20.80	20.77	20.80	20.68	22.00
		25	25	20.89	20.79	20.75	20.65	22.00
		50	0	20.78	20.65	20.74	20.66	22.00
	64QAM	1	0	20.62	20.54	20.51	20.59	22.00
		1	24	20.72	20.64	20.77	20.77	22.00
		1	49	20.69	20.52	20.62	20.57	22.00
		25	0	19.74	19.73	19.78	19.76	21.00
		25	12	19.83	19.69	19.69	19.74	21.00
		25	25	19.88	19.69	19.70	19.74	21.00
		50	0	19.76	19.72	19.74	19.73	21.00
	256QAM	1	0	17.77	17.67	17.67	17.7	19.00
		1	24	17.69	17.66	17.73	17.68	19.00
		1	49	17.74	17.73	17.71	17.7	19.00
		25	0	17.72	17.66	17.74	17.8	19.00
		25	12	17.79	17.82	17.85	17.83	19.00
		25	25	17.85	17.81	17.83	17.84	19.00
		50	0	17.85	17.87	17.83	17.83	19.00

BW	MCS Index	Channel		55265	55810	56170	56715	Max.
		Frequence (MHz)		3552.5	3607	3643	3697.5	Tune-up
5M	QPSK	1	0	22.64	22.49	22.46	22.68	24.00
		1	12	22.61	22.59	22.49	22.62	24.00
		1	24	22.72	22.49	22.51	22.54	24.00
		12	0	21.85	21.66	21.46	21.69	23.00
		12	6	21.79	21.71	21.58	21.74	23.00
		12	13	21.85	21.66	21.51	21.72	23.00
		25	0	21.77	21.77	21.65	21.78	23.00
	16QAM	1	0	21.71	21.50	21.63	21.58	23.00
		1	12	21.67	21.65	21.69	21.71	23.00
		1	24	21.79	21.66	21.60	21.75	23.00
		12	0	20.66	20.70	20.69	20.75	22.00
		12	6	20.77	20.81	20.73	20.62	22.00
		12	13	20.81	20.81	20.73	20.76	22.00
		25	0	20.82	20.81	20.65	20.65	22.00
	64QAM	1	0	20.63	20.60	20.59	20.71	22.00
		1	12	20.76	20.64	20.70	20.64	22.00
		1	24	20.72	20.64	20.77	20.49	22.00
		12	0	19.79	19.69	19.79	19.72	21.00
		12	6	19.82	19.65	19.65	19.77	21.00
		12	13	19.84	19.78	19.69	19.8	21.00
		25	0	19.79	19.74	19.76	19.67	21.00
	256QAM	1	0	17.61	17.72	17.61	17.66	19.00
		1	12	17.76	17.76	17.80	17.8	19.00
		1	24	17.74	17.62	17.69	17.63	19.00
		12	0	17.67	17.65	17.65	17.72	19.00
		12	6	17.82	17.75	17.83	17.64	19.00
		12	13	17.88	17.77	17.76	17.85	19.00
		25	0	17.90	17.66	17.71	17.76	19.00

LTE Band 48 for SAR_Ant3

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640	
		Frequence (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	21.88	21.67	21.72	21.93	23
		1	50	21.93	21.95	21.87	**22.02**	23
		1	99	21.79	21.70	21.70	21.95	23
		50	0	21.02	20.90	20.79	21.08	22
		50	25	21.06	20.94	20.95	21.19	22
		50	50	20.97	20.85	20.86	21.07	22
		100	0	20.94	20.90	20.86	21.1	22
	16QAM	1	0	20.96	20.84	20.86	21.14	22
		1	50	21.01	20.94	20.91	21.08	22
		1	99	21.06	20.77	20.90	21	22
		50	0	20.03	19.97	20.00	20.07	21
		50	25	20.01	20.02	19.94	20.12	21
		50	50	19.99	19.88	19.87	20.19	21
		100	0	20.04	19.93	19.92	20.26	21
	64QAM	1	0	20.20	19.94	19.99	20.23	21
		1	50	20.19	19.97	20.08	20.26	21
		1	99	20.12	19.98	19.96	20.02	21
		50	0	19.05	18.94	18.93	19.16	20
		50	25	19.05	18.92	18.88	19.11	20
		50	50	19.04	18.91	18.94	19.17	20
		100	0	19.01	18.94	18.95	19.1	20
	256QAM	1	0	17.25	17.02	17.21	17.38	18
		1	50	17.26	17.24	17.18	17.38	18
		1	99	17.28	17.23	17.10	17.19	18
		50	0	17.27	17.22	17.23	17.37	18
		50	25	17.42	17.29	17.32	17.58	18
		50	50	17.33	17.21	17.26	17.47	18
		100	0	17.37	17.43	17.40	17.41	18

BW	MCS Index	Channel		55310	55620	56160	56660	Max. Tune-up
		Frequence (MHz)		3557.5	3588	3642	3692.5	
15M	QPSK	1	0	21.87	21.57	21.63	21.84	23
		1	37	21.90	21.91	21.78	21.89	23
		1	74	21.71	21.69	21.63	21.9	23
		36	0	21.01	20.97	20.71	21.03	22
		36	19	20.99	20.94	20.92	21.06	22
		36	39	20.89	20.76	20.75	20.92	22
		75	0	20.92	20.97	20.76	21.05	22
	16QAM	1	0	20.82	20.71	20.75	21.12	22
		1	37	20.88	20.86	20.79	20.97	22
		1	74	21.05	20.70	20.86	20.94	22
		36	0	19.94	19.75	19.97	20.02	21
		36	19	19.97	19.93	19.91	19.99	21
		36	39	19.96	19.76	19.78	20.11	21
	64QAM	75	0	20.03	19.79	19.88	20.21	21
		1	0	20.05	19.85	19.97	20.17	21
		1	37	20.08	19.82	20.00	20.17	21
		1	74	20.11	19.85	19.91	19.89	21
		36	0	19.01	18.93	18.90	19.12	20
		36	19	18.99	18.82	18.77	19.01	20
		36	39	18.89	18.79	18.91	19.06	20
		75	0	18.96	18.97	18.92	19.02	20
	256QAM	1	0	17.20	16.89	17.13	17.37	18
		1	37	17.21	17.12	17.08	17.3	18
		1	74	17.25	17.18	17.02	17.07	18
		36	0	17.14	17.20	17.17	17.36	18
		36	19	17.37	17.15	17.27	17.52	18
		36	39	17.41	17.11	17.18	17.43	18
		75	0	17.29	17.37	17.35	17.36	18

BW	MCS Index	Channel		55290	55810	56140	56690	Max.
		Frequence (MHz)		3555	3607.5	3642.5	3695	Tune-up
10M	QPSK	1	0	21.80	21.56	21.64	21.84	23
		1	24	21.81	21.80	21.63	21.88	23
		1	49	21.72	21.56	21.63	21.82	23
		25	0	20.88	20.82	20.65	20.96	22
		25	12	20.95	20.91	20.70	21.07	22
		25	25	20.88	20.78	20.85	20.98	22
		50	0	20.92	20.96	20.82	21.07	22
	16QAM	1	0	20.76	20.75	20.71	21.07	22
		1	24	20.95	20.86	20.90	21.05	22
		1	49	20.91	20.74	20.86	20.92	22
		25	0	20.01	19.72	19.93	19.97	21
		25	12	19.93	19.97	19.90	20.00	21
		25	25	19.98	19.87	19.86	20.09	21
		50	0	20.02	19.83	19.94	20.22	21
	64QAM	1	0	20.05	19.93	19.91	20.07	21
		1	24	20.12	20.04	20.17	20.22	21
		1	49	20.07	19.89	19.95	19.99	21
		25	0	18.96	18.93	18.91	19.09	20
		25	12	18.92	18.86	18.75	18.98	20
		25	25	19.03	18.83	18.79	19.02	20
		50	0	18.97	18.86	18.85	19.05	20
	256QAM	1	0	17.12	16.89	17.14	17.32	18
		1	24	17.11	17.16	17.03	17.36	18
		1	49	17.13	17.15	17.03	17.06	18
		25	0	17.14	17.18	17.11	17.28	18
		25	12	17.35	17.23	17.27	17.52	18
		25	25	17.38	17.16	17.16	17.45	18
		50	0	17.27	17.36	17.37	17.28	18

BW	MCS Index	Channel		55265	55810	56170	56715	Max.
		Frequence (MHz)		3552.5	3607	3643	3697.5	Tune-up
5M	QPSK	1	0	21.84	21.57	21.71	21.83	23
		1	12	21.78	21.80	21.61	21.92	23
		1	24	21.69	21.62	21.65	21.87	23
		12	0	20.99	20.88	20.67	21.08	22
		12	6	21.00	20.90	20.86	21.15	22
		12	13	20.92	20.79	20.76	20.92	22
		25	0	20.83	20.86	20.74	20.98	22
	16QAM	1	0	20.91	20.90	20.75	21.12	22
		1	12	20.89	20.91	20.79	21.02	22
		1	24	20.95	20.70	20.81	20.88	22
		12	0	19.97	19.75	19.92	20.03	21
		12	6	19.91	19.80	19.76	20.01	21
		12	13	19.89	19.83	19.78	20.07	21
		25	0	19.96	19.82	19.76	19.91	21
	64QAM	1	0	20.01	19.80	19.97	20.13	21
		1	12	20.09	19.75	19.96	20.22	21
		1	24	20.05	20.11	20.08	20.23	21
		12	0	18.97	18.92	18.78	19.09	20
		12	6	19.03	18.83	18.73	19.07	20
		12	13	19.00	18.93	18.93	19.08	20
		25	0	19.00	18.84	18.91	19.09	20
	256QAM	1	0	17.24	16.93	17.14	17.34	18
		1	12	17.24	17.17	17.03	17.33	18
		1	24	17.21	17.09	17.06	17.05	18
		12	0	17.15	17.21	17.12	17.36	18
		12	6	17.34	17.26	17.18	17.48	18
		12	13	17.44	17.18	17.16	17.40	18
		25	0	17.35	17.32	17.34	17.35	18

LTE Band 48 for SAR_Ant7

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640	
		Frequence (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	18.36	18.19	18.28	18.26	19
		1	50	**18.37**	18.35	18.29	18.29	19
		1	99	18.36	18.14	18.20	18.27	19
		50	0	18.29	18.22	18.16	18.15	19
		50	25	18.34	18.20	18.32	18.33	19
		50	50	18.28	18.31	18.26	18.26	19
		100	0	18.34	18.33	18.22	18.32	19
	16QAM	1	0	18.17	18.20	18.34	18.15	19
		1	50	18.10	18.19	18.14	18.12	19
		1	99	18.29	18.24	18.08	18.3	19
		50	0	18.09	18.31	18.36	18.14	19
		50	25	18.33	18.13	18.27	18.21	19
		50	50	18.27

LTE DSI4

LTE Band 66_Ant0

BW	Modulation	RB Size	RB Offset	Channel	Mid	High	Max. Tune-up (dBm)
				Frequency (MHz)	1720	1745	1770
20M	QPSK	1	0	21.27	21.37	21.36	21.5
		1	50	21.39	**21.45**	21.30	21.5
		1	99	21.38	21.38	21.33	21.5
		50	0	21.29	21.24	21.22	21.5
		50	25	21.38	21.40	21.30	21.5
		50	50	21.36	21.38	21.32	21.5
		100	0	21.24	21.39	21.30	21.5
	16QAM	1	0	21.27	21.21	21.27	21.5
		1	50	21.20	21.34	21.35	21.5
		1	99	21.34	21.15	21.22	21.5
		50	0	21.22	21.32	21.22	21.5
		50	25	21.17	21.12	21.24	21.5
		50	50	21.27	21.24	21.31	21.5
		100	0	21.36	21.17	21.15	21.5
	64QAM	1	0	21.40	21.41	21.16	21.5
		1	50	21.17	21.13	21.27	21.5
		1	99	21.12	21.40	21.17	21.5
		50	0	20.66	20.76	20.75	21
		50	25	20.73	20.85	20.83	21
		50	50	20.81	20.83	20.85	21
		100	0	20.77	20.78	20.76	21
	256QAM	1	0	18.79	18.84	18.82	19
		1	50	18.83	18.86	18.82	19
		1	99	18.82	18.87	18.73	19
		50	0	18.65	18.70	18.76	19
		50	25	18.73	18.80	18.77	19
		50	50	17.69	18.77	18.60	19
		100	0	18.74	18.75	18.62	19
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	21.14	21.28	21.31	21.5
		1	37	21.26	21.28	21.38	21.5
		1	74	21.33	21.23	21.25	21.5
		36	0	21.18	21.15	21.10	21.5
		36	19	21.32	21.30	21.33	21.5
		36	39	21.32	21.34	21.26	21.5
		75	0	21.12	21.36	21.16	21.5
	16QAM	1	0	21.27	21.19	21.20	21.5
		1	37	21.13	21.30	21.32	21.5
		1	74	21.25	21.01	21.21	21.5
		36	0	21.10	21.27	21.14	21.5
		36	19	21.03	21.09	21.23	21.5
		36	39	21.14	21.20	21.30	21.5
		75	0	21.21	21.05	21.06	21.5
	64QAM	1	0	21.37	21.29	21.15	21.5
		1	37	21.06	21.00	21.19	21.5
		1	74	21.01	21.32	21.10	21.5
		36	0	20.55	20.67	20.69	21
		36	19	20.70	20.82	20.77	21
		36	39	20.74	20.74	20.76	21
		75	0	20.66	20.73	20.74	21
	256QAM	1	0	18.70	18.82	18.71	19
		1	37	18.81	18.67	18.68	19
		1	74	18.73	18.81	18.66	19
		36	0	18.59	18.56	18.74	19
		36	19	18.69	18.77	18.65	19
		36	39	17.64	18.66	18.51	19
		75	0	18.63	18.60	18.58	19
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1716	1746	1776	
10M	QPSK	1	0	21.19	21.35	21.22	21.5
		1	24	21.25	21.37	21.26	21.5
		1	49	21.25	21.30	21.33	21.5
		25	0	21.20	21.14	21.10	21.5
		25	12	21.27	21.30	21.22	21.5
		25	25	21.36	21.29	21.21	21.5
		50	0	21.21	21.36	21.28	21.5
	16QAM	1	0	21.16	21.17	21.24	21.5
		1	24	21.15	21.26	21.30	21.5
		1	49	21.28	21.14	21.20	21.5
		25	0	21.16	21.21	21.21	21.5
		25	12	21.10	20.98	21.13	21.5
		25	25	21.13	21.24	21.28	21.5
		50	0	21.28	21.03	21.02	21.5
	64QAM	1	0	21.38	21.26	21.03	21.5
		1	24	21.11	21.09	21.13	21.5
		1	49	20.98	21.31	21.04	21.5
		25	0	20.40	20.52	20.66	21
		25	12	20.62	20.70	20.65	21
		25	25	20.63	20.71	20.71	21
		50	0	20.63	20.69	20.66	21
	256QAM	1	0	18.60	18.74	18.61	19
		1	24	18.66	18.79	18.62	19
		1	49	18.69	18.66	18.62	19
		25	0	18.50	18.45	18.71	19
		25	12	18.68	18.63	18.52	19
		25	25	17.58	18.53	18.50	19
		50	0	18.51	18.51	18.48	19
BW	Modulation	Channel		131987	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	21.25	21.23	21.29	21.5
		1	12	21.33	21.33	21.33	21.5
		1	24	21.37	21.32	21.26	21.5
		12	0	21.20	21.10	21.22	21.5
		12	6	21.23	21.38	21.34	21.5
		12	13	21.30	21.29	21.28	21.5
		25	0	21.23	21.24	21.17	21.5
	16QAM	1	0	21.27	21.09	21.22	21.5
		1	12	21.13	21.33	21.23	21.5
		1	24	21.19	21.10	21.10	21.5
		12	0	21.15	21.21	21.07	21.5
		12	6	21.11	21.12	21.13	21.5
		12	13	21.15	21.21	21.16	21.5
		25	0	21.30	21.07	21.02	21.5
	64QAM	1	0	21.25	21.26	21.03	21.5
		1	12	21.12	21.06	21.27	21.5
		1	24	21.05	21.30	21.14	21.5
		12	0	20.61	20.73	20.63	21
		12	6	20.71	20.78	20.79	21
		12	13	20.60	20.72	20.79	21
		25	0	20.63	20.66	20.73	21
	256QAM	1	0	18.68	18.70	18.71	19
		1	12	18.80	18.80	18.70	19
		1	24	18.67	18.79	18.69	19
		12	0	18.51	18.61	18.64	19
		12	6	18.58	18.65	18.67	19
		12	13	17.61	18.59	18.57	19
		25	0	18.68	18.74	18.53	19
BW	Modulation	Channel		131667	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	21.27	21.33	21.21	21.5
		1	7	21.31	21.35	21.30	21.5
		1	14	21.28	21.27	21.25	21.5
		8	0	21.14	21.11	21.16	21.5
		8	3	21.25	21.35	21.25	21.5
		8	7	21.35	21.35	21.23	21.5
		15	0	21.21	21.35	21.17	21.5
	16QAM	1	0	21.19	21.20	21.24	21.5
		1	7	21.07	21.34	21.26	21.5
		1	14	21.27	21.14	21.15	21.5
		8	0	21.10	21.31	21.12	21.5
		8	3	21.13	21.05	21.11	21.5
		8	7	21.19	21.17	21.29	21.5
		15	0	21.22	21.06	21.14	21.5
	64QAM	1	0	21.27	21.36	21.13	21.5
		1	7	21.04	21.10	21.15	21.5
		1	14	21.00	21.29	21.09	21.5
		8	0	20.53	20.65	20.74	21
		8	3	20.60	20.82	20.70	21
		8	7	20.70	20.72	20.73	21
		15	0	20.72	20.65	20.68	21
	256QAM	1	0	18.65	18.83	18.79	19
		1	7	18.81	18.78	18.72	19
		1	14	18.80	18.83	18.72	19
		8	0	18.60	18.56	18.70	19
		8	3	18.67	18.73	18.74	19
		8	7	17.63	18.69	18.59	19
		15	0	18.69	18.72	18.58	19
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	21.12	21.30	21.34	21.5
		1	2	21.32	21.32	21.39	21.5
		1	5	21.31	21.36	21.18	21.5
		3	0	21.22	21.23	21.11	21.5
		3	1	21.35	21.33	21.23	21.5
		3	3	21.25	21.30	21.19	21.5
		6	0	21.21	21.38	21.19	21.5
	16QAM	1	0	21.24	21.19	21.13	21.5
		1	2	21.10	21.24	21.22	21.5
		1	5	21.21	21.15	21.07	21.5
		3	0	21.10	21.25	21.08	21.5
		3	1	21.04	20.97	21.23	21.5
		3	3	21.13	21.10	21.23	21.5
		6	0	21.21	21.15	21.15	21.5
	64QAM	1	0	21.31	21.36	21.01	21.5
		1	2	21.16	21.00	21.12	21.5
		1	5	21.09	21.40	21.05	21.5
		3	0	21.13	21.20	21.11	21.5
		3	1	21.23	21.34	21.25	21.5
		3	3	21.31	21.25	21.26	21.5
		6	0	20.61	20.60	20.59	21
	256QAM	1	0	18.59	18.72	18.67	19
		1	2	18.75	18.83	18.64	19
		1	5	18.63	18.76	18.64	19
		3	0	18.53	18.50	18.64	19
		3	1	18.57	18.70	18.66	19
		3	3	17.58	18.51	18.41	19
		6	0	18.53	18.51	18.40	19

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BW	Modulation	RB Size	RB Offset	Channel	Mid	High	Max. Tune-up (dBm)
				Frequency (MHz)	1720	1745	1770
20M	QPSK	1	0	24.79	24.62	24.83	25.5
		1	50	24.88	**24.96**	24.92	25.5
		1	99	24.86	24.91	24.90	25.5
		50	0	23.92	23.95	23.91	24.5
		50	25	23.96	24.01	23.95	24.5
		50	50	23.91	23.98	23.94	24.5
		100	0	23.95	24.05	24.02	24.5
	16QAM	1	0	24.02	24.06	24.05	24.5
		1	50	24.14	24.10	24.15	24.5
		1	99	24.09	24.05	24.09	24.5
		50	0	22.95	22.98	22.93	23.5
		50	25	22.96	22.99	23.04	23.5
		50	50	22.93	22.91	22.99	23.5
		100	0	22.89	22.87	23.00	23.5
	64QAM	1	0	22.92	22.86	23.05	23.5
		1	50	23.13	23.00	23.10	23.5
		1	99	23.01	23.00	23.08	23.5
		50	0	21.91	21.92	21.91	22.5
		50	25	21.95	21.93	21.98	22.5
		50	50	21.92	22.00	21.99	22.5
		100	0	21.89	21.96	21.97	22.5
	256QAM	1	0	19.94	19.97	19.98	20.5
		1	50	20.00	20.09	20.10	20.5
		1	99	19.96	19.99	20.00	20.5
		50	0	19.91	19.94	19.95	20.5
		50	25	19.89	19.91	19.92	20.5
		50	50	19.87	19.89	19.99	20.5
		100	0	19.96	19.99	19.96	20.5
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	24.67	24.76	24.82	25.5
		1	37	24.75	24.83	24.81	25.5
		1	74	24.77	24.77	24.87	25.5
		36	0	23.85	23.90	23.84	24.5
		36	19	23.90	23.89	23.87	24.5
		36	39	23.86	23.84	23.86	24.5
		75	0	23.82	23.86	23.91	24.5
	16QAM	1	0	23.96	23.93	23.95	24.5
		1	37	24.04	23.98	24.06	24.5
		1	74	23.94	23.99	23.99	24.5
		36	0	22.80	22.85	22.89	23.5
		36	19	22.88	22.79	23.00	23.5
		36	39	22.84	22.90	22.86	23.5
		75	0	22.82	22.82	22.86	23.5
	64QAM	1	0	22.91	22.74	23.03	23.5
		1	37	23.05	23.06	22.98	23.5
		1	74	22.89	22.92	22.97	23.5
		36	0	21.83	21.84	21.83	22.5
		36	19	21.93	21.84	21.90	22.5
		36	39	21.84	21.89	21.89	22.5
		75	0	21.81	21.84	21.81	22.5
	256QAM	1	0	19.87	19.88	19.83	20.5
		1	37	19.94	20.02	20.00	20.5
		1	74	19.94	19.91	19.93	20.5
		36	0	19.88	19.92	19.88	20.5
		36	19	19.77	19.83	19.81	20.5
		36	39	19.79	19.85	19.92	20.5
		75	0	19.78	19.81	19.84	20.5
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1716	1745	1775	
10M	QPSK	1	0	24.58	24.69	24.71	25.5
		1	24	24.67	24.69	24.72	25.5
		1	49	24.71	24.69	24.86	25.5
		25	0	23.70	23.79	23.83	24.5
		25	12	23.84	23.74	23.84	24.5
		25	25	23.84	23.79	23.84	24.5
		50	0	23.78	23.88	23.86	24.5
	16QAM	1	0	23.83	23.88	23.81	24.5
		1	24	23.94	23.83	23.91	24.5
		1	49	23.85	23.91	23.88	24.5
		25	0	22.78	22.75	22.84	23.5
		25	12	22.79	22.72	22.86	23.5
		25	25	22.80	22.83	22.86	23.5
		50	0	22.84	22.78	22.75	23.5
	64QAM	1	0	22.80	22.67	22.92	23.5
		1	24	22.91	22.98	22.91	23.5
		1	49	22.78	22.89	22.95	23.5
		25	0	21.71	21.76	21.79	22.5
		25	12	21.87	21.79	21.86	22.5
		25	25	21.79	21.77	21.88	22.5
		50	0	21.78	21.90	21.75	22.5
	256QAM	1	0	19.86	19.79	19.81	20.5
		1	24	19.80	20.01	19.95	20.5
		1	49	19.89	19.77	19.80	20.5
		25	0	19.81	19.84	19.83	20.5
		25	12	19.78	19.76	19.83	20.5
		25	25	19.66	19.79	19.76	20.5
		50	0	19.83	19.88	19.85	20.5
BW	Modulation	Channel		131987	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	24.70	24.74	24.75	25.5
		1	12	24.79	24.87	24.83	25.5
		1	24	24.85	24.82	24.82	25.5
		12	0	23.82	23.88	23.90	24.5
		12	6	23.89	23.96	23.84	24.5
		12	13	23.79	23.93	23.88	24.5
		25	0	23.86	23.91	23.90	24.5
	16QAM	1	0	23.88	24.01	23.97	24.5
		1	12	24.09	24.05	24.11	24.5
		1	24	23.94	24.00	23.94	24.5
		12	0	22.83	22.94	22.82	23.5
		12	6	22.89	22.96	22.98	23.5
		12	13	22.78	22.92	22.82	23.5
		25	0	22.88	22.84	22.82	23.5
	64QAM	1	0	22.84	22.71	22.98	23.5
		1	12	23.03	23.02	23.09	23.5
		1	24	22.87	22.97	22.94	23.5
		12	0	21.86	21.85	21.84	22.5
		12	6	21.83	21.79	21.88	22.5
		12	13	21.78	21.92	21.87	22.5
		25	0	21.75	21.93	21.94	22.5
	256QAM	1	0	19.92	19.92	19.88	20.5
		1	12	19.93	19.97	19.97	20.5
		1	24	19.87	19.92	19.93	20.5
		12	0	19.81	19.91	19.85	20.5
		12	6	19.83	19.83	19.90	20.5
		12	13	19.72	19.85	19.82	20.5
		25	0	19.95	19.93	19.83	20.5
BW	Modulation	Channel		131667	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	24.72	24.68	24.75	25.5
		1	7	24.85	24.84	24.85	25.5
		1	14	24.78	24.83	24.76	25.5
		8	0	23.86	23.89	23.79	24.5
		8	3	23.94	23.96	23.86	24.5
		8	7	23.83	23.85	23.87	24.5
		15	0	23.89	24.02	23.99	24.5
	16QAM	1	0	23.92	23.95	23.98	24.5
		1	7	24.11	23.99	24.06	24.5
		1	14	24.08	24.00	23.99	24.5
		8	0	22.90	22.85	22.78	23.5
		8	3	22.91	22.81	22.94	23.5
		8	7	22.78	22.76	22.89	23.5
		15	0	22.80	22.83	22.98	23.5
	64QAM	1	0	22.84	22.72	22.97	23.5
		1	7	22.99	22.95	23.10	23.5
		1	14	22.89	22.95	23.00	23.5
		8	0	21.79	21.79	21.81	22.5
		8	3	21.87	21.81	21.85	22.5
		8	7	21.88	21.97	21.93	22.5
		15	0	21.74	21.92	21.84	22.5
	256QAM	1	0	19.88	19.92	19.99	20.5
		1	7	19.91	19.94	20.05	20.5
		1	14	19.83	19.86	19.96	20.5
		8	0	19.76	19.91	19.84	20.5
		8	3	19.82	19.88	19.88	20.5
		8	7	19.86	19.76	19.85	20.5
		15	0	19.85	19.92	19.89	20.5
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	24.62	24.60	24.69	25.5
		1	2	24.69	24.80	24.76	25.5
		1	5	24.79	24.78	24.76	25.5
		3	0	24.66	24.79	24.68	25.5
		3	1	24.60	24.71	24.76	25.5
		3	3	24.74	24.76	24.70	25.5
		6	0	23.74	23.85	23.94	24.5
	16QAM	1	0	23.82	23.79	23.98	24.5
		1	2	23.96	23.89	23.91	24.5
		1	5	23.91	23.96	23.85	24.5
		3	0	23.76	23.72	23.76	24.5
		3	1	23.59	23.77	23.83	24.5
		3	3	23.73	23.78	23.74	24.5
		6	0	22.75	22.72	22.82	23.5
	64QAM	1	0	22.82	22.69	22.80	23.5
		1	2	23.05	22.94	22.95	23.5
		1	5	22.75	22.93	22.93	23.5
		3	0	22.74	22.55	22.66	23.5
		3	1	22.73	22.66	22.74	23.5
		3	3	22.73	22.79	22.73	23.5
		6	0	21.76	21.76	21.73	22.5
	256QAM	1	0	19.83	19.84	19.90	20.5
		1	2	19.96	19.98	19.95	20.5
		1	5	19.80	19.83	19.91	20.5
		3	0	19.71	19.73	19.86	20.5
		3	1	19.74	19.77	19.82	20.5
		3	3	19.79	19.85	19.77	20.5
		6	0	19.69	19.75	19.76	20.5

LTE Band 66_Ant3

BW	Modulation	RB Size	RB Offset	Channel	Mid	High	Max. Tune-up (dBm)
				Frequency (MHz)	1720	1745	1770
20M	QPSK	1	0	24.70	24.71	24.57	25.5
		1	50	24.75	**24.83**	24.71	25.5
		1	99	24.72	24.80	24.69	25.5
		50	0	23.77	23.75	23.67	24.5
		50	25	23.74	23.82	23.74	24.5
		50	50	23.79	23.85	23.77	24.5
		100	0	23.78	23.81	23.78	24.5
	16QAM	1	0	23.85	23.90	23.88	24.5
		1	50	23.95	24.00	23.98	24.5
		1	99	23.90	23.95	23.96	24.5
		50	0	22.73	22.78	22.77	23.5
		50	25	22.79	22.76	22.73	23.5
		50	50	22.83	22.86	22.88	23.5
		100	0	22.72	22.73	22.72	23.5
	64QAM	1	0	22.93	22.95	22.93	23.5
		1	50	22.99	23.00	22.94	23.5
		1	99	22.93	22.99	22.98	23.5
		50	0	21.76	21.77	21.73	22.5
		50	25	21.76	21.74	21.73	22.5
		50	50	21.78	21.79	21.76	22.5
		100	0	21.76	21.75	21.72	22.5
	256QAM	1	0	19.69	19.70	19.71	20.5
		1	50	19.80	19.86	19.84	20.5
		1	99	19.63	19.88	19.87	20.5
		50	0	19.62	19.71	19.69	20.5
		50	25	19.75	19.76	19.73	20.5
		50	50	19.60	19.79	19.80	20.5
		100	0	19.72	19.74	19.73	20.5
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	24.61	24.69	24.55	25.5
		1	37	24.61	24.68	24.85	25.5
		1	74	24.71	24.79	24.66	25.5
		36	0	23.66	23.74	23.60	24.5
		36	19	23.60	23.78	23.68	24.5
		36	39	23.66	23.82	23.76	24.5
		75	0	23.64	23.78	23.80	24.5
	16QAM	1	0	23.72	23.85	23.78	24.5
		1	37	23.82	23.90	23.96	24.5
		1	74	23.84	23.88	23.85	24.5
		36	0	22.61	22.64	22.70	23.5
		36	19	22.64	22.67	22.72	23.5
		36	39	22.76	22.71	22.64	23.5
		75	0	22.61	22.72	22.67	23.5
	64QAM	1	0	22.81	22.93	22.79	23.5
		1	37	22.96	22.88	22.93	23.5
		1	74	22.78	22.89	22.86	23.5
		36	0	21.61	21.70	21.69	22.5
		36	19	21.67	21.60	21.62	22.5
		36	39	21.72	21.74	21.70	22.5
		75	0	21.73	21.80	21.82	22.5
	256QAM	1	0	19.67	19.57	19.61	20.5
		1	37	19.65	19.75	19.70	20.5
		1	74	19.51	19.79	19.68	20.5
		36	0	19.53	19.69	19.57	20.5
		36	19	19.64	19.65	19.72	20.5
		36	39	19.52	19.68	19.68	20.5
		75	0	19.69	19.67	19.66	20.5
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1716	1745	1775	
10M	QPSK	1	0	24.58	24.69	24.54	25.5
		1	24	24.69	24.74	24.57	25.5
		1	49	24.59	24.68	24.68	25.5
		25	0	23.63	23.71	23.66	24.5
		25	12	23.66	23.70	23.66	24.5
		25	25	23.65	23.74	23.67	24.5
		50	0	23.73	23.77	23.63	24.5
	16QAM	1	0	23.83	23.88	23.87	24.5
		1	24	23.85	23.93	23.83	24.5
		1	49	23.88	23.88	23.94	24.5
		25	0	22.71	22.72	22.69	23.5
		25	12

LTE DSI5

LTE Band 2_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	17.17	17.22	17.22	18.5
		1	50	17.44	17.33	**17.45**	18.5
		1	99	17.43	17.22	17.39	18.5
		50	0	17.17	17.20	17.37	18.5
		50	25	17.41	17.21	17.44	18.5
		50	50	17.40	17.16	17.39	18.5
		100	0	17.30	17.25	17.42	18.5
	16QAM	1	0	17.29	17.14	17.21	18.5
		1	50	17.36	17.29	17.34	18.5
		1	99	17.30	17.35	17.33	18.5
		50	0	17.14	17.34	17.16	18.5
		50	25	17.16	17.22	17.22	18.5
		50	50	17.16	17.24	17.44	18.5
		100	0	17.17	17.43	17.14	18.5
	64QAM	1	0	17.35	17.24	17.37	18.5
		1	50	17.44	17.17	17.26	18.5
		1	99	17.31	17.31	17.17	18.5
		50	0	17.20	17.29	17.35	18.5
		50	25	17.33	17.17	17.36	18.5
		50	50	17.33	17.14	17.42	18.5
		100	0	17.22	17.30	17.40	18.5
	256QAM	1	0	17.16	17.29	17.29	18.5
		1	50	17.42	17.36	17.25	18.5
		1	99	17.25	17.26	17.41	18.5
		50	0	17.26	17.35	17.35	18.5
		50	25	17.31	17.28	17.42	18.5
		50	50	17.35	17.35	17.26	18.5
		100	0	17.20	17.16	17.20	18.5
BW	Modulation	Channel		18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	17.10	17.18	17.08	18.5
		1	37	17.41	17.18	17.37	18.5
		1	74	17.39	17.19	17.31	18.5
		36	0	17.04	17.19	17.28	18.5
		36	19	17.28	17.10	17.32	18.5
		36	39	17.40	17.12	17.31	18.5
		75	0	17.20	17.23	17.38	18.5
	16QAM	1	0	17.29	17.10	17.06	18.5
		1	37	17.22	17.27	17.23	18.5
		1	74	17.27	17.24	17.18	18.5
		36	0	17.00	17.20	17.14	18.5
		36	19	17.03	17.13	17.11	18.5
		36	39	17.09	17.16	17.39	18.5
		75	0	17.11	17.30	17.13	18.5
	64QAM	1	0	17.33	17.13	17.22	18.5
		1	37	17.33	17.17	17.11	18.5
		1	74	17.16	17.30	17.17	18.5
		36	0	17.15	17.25	17.20	18.5
		36	19	17.38	17.02	17.27	18.5
		36	39	17.23	17.11	17.35	18.5
		75	0	17.21	17.17	17.34	18.5
	256QAM	1	0	17.38	17.05	17.29	18.5
		1	37	17.28	17.35	17.16	18.5
		1	74	17.22	17.14	17.26	18.5
		36	0	17.24	17.24	17.20	18.5
		36	19	17.20	17.28	17.39	18.5
		36	39	17.31	17.33	17.21	18.5
		75	0	17.14	17.05	17.18	18.5
BW	Modulation	Channel		18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	17.05	17.14	17.10	18.5
		1	24	17.40	17.23	17.32	18.5
		1	49	17.38	17.19	17.25	18.5
		25	0	17.05	17.19	17.22	18.5
		25	12	17.33	17.21	17.40	18.5
		25	25	17.29	17.13	17.27	18.5
		50	0	17.18	17.16	17.39	18.5
	16QAM	1	0	17.25	17.00	17.20	18.5
		1	24	17.33	17.17	17.25	18.5
		1	49	17.17	17.20	17.21	18.5
		25	0	17.12	17.30	17.13	18.5
		25	12	17.04	17.18	17.12	18.5
		25	25	17.05	17.16	17.35	18.5
		50	0	17.17	17.42	17.12	18.5
	64QAM	1	0	17.30	17.20	17.28	18.5
		1	24	17.29	17.03	17.17	18.5
		1	49	17.28	17.24	17.15	18.5
		25	0	17.11	17.29	17.32	18.5
		25	12	17.28	17.07	17.28	18.5
		25	25	17.20	17.12	17.31	18.5
		50	0	17.11	17.19	17.32	18.5
	256QAM	1	0	17.37	17.14	17.28	18.5
		1	24	17.27	17.33	17.10	18.5
		1	49	17.13	17.12	17.31	18.5
		25	0	17.22	17.20	17.33	18.5
		25	12	17.30	17.14	17.41	18.5
		25	25	17.30	17.30	17.12	18.5
		50	0	17.08	17.09	17.20	18.5
BW	Modulation	Channel		18625	18900	19175	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	17.11	17.12	17.17	18.5
		1	12	17.40	17.31	17.39	18.5
		1	24	17.38	17.17	17.28	18.5
		12	0	17.07	17.15	17.37	18.5
		12	6	17.37	17.16	17.39	18.5
		12	13	17.39	17.09	17.28	18.5
		25	0	17.20	17.15	17.34	18.5
	16QAM	1	0	17.27	17.08	17.07	18.5
		1	12	17.32	17.21	17.32	18.5
		1	24	17.30	17.25	17.24	18.5
		12	0	17.10	17.29	17.03	18.5
		12	6	17.01	17.21	17.12	18.5
		12	13	17.02	17.14	17.26	18.5
		25	0	17.14	17.29	17.14	18.5
	64QAM	1	0	17.35	17.15	17.35	18.5
		1	12	17.34	17.05	17.13	18.5
		1	24	17.23	17.25	17.09	18.5
		12	0	17.16	17.18	17.35	18.5
		12	6	17.33	17.08	17.23	18.5
		12	13	17.19	17.06	17.36	18.5
		25	0	17.17	17.16	17.36	18.5
	256QAM	1	0	17.30	17.06	17.24	18.5
		1	12	17.27	17.29	17.18	18.5
		1	24	17.17	17.20	17.35	18.5
		12	0	17.24	17.20	17.20	18.5
		12	6	17.28	17.20	17.36	18.5
		12	13	17.28	17.23	17.24	18.5
		25	0	17.05	17.07	17.13	18.5
BW	Modulation	Channel		18615	18900	19185	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	17.17	17.19	17.16	18.5
		1	7	17.33	17.23	17.39	18.5
		1	14	17.36	17.12	17.28	18.5
		8	0	17.10	17.13	17.22	18.5
		8	3	17.39	17.17	17.41	18.5
		8	7	17.33	17.07	17.32	18.5
		15	0	17.23	17.17	17.28	18.5
	16QAM	1	0	17.15	17.11	17.15	18.5
		1	7	17.32	17.14	17.27	18.5
		1	14	17.19	17.35	17.19	18.5
		8	0	17.01	17.23	17.10	18.5
		8	3	17.01	17.07	17.12	18.5
		8	7	17.10	17.17	17.31	18.5
		15	0	17.07	17.30	17.11	18.5
	64QAM	1	0	17.24	17.13	17.28	18.5
		1	7	17.38	17.13	17.11	18.5
		1	14	17.31	17.18	17.04	18.5
		8	0	17.17	17.26	17.27	18.5
		8	3	17.35	17.05	17.28	18.5
		8	7	17.23	17.02	17.38	18.5
		15	0	17.10	17.22	17.39	18.5
	256QAM	1	0	17.33	17.13	17.27	18.5
		1	7	17.34	17.30	17.11	18.5
		1	14	17.21	17.22	17.27	18.5
		8	0	17.20	17.19	17.27	18.5
		8	3	17.18	17.13	17.39	18.5
		8	7	17.31	17.29	17.17	18.5
		15	0	17.10	17.13	17.19	18.5
BW	Modulation	Channel		18607	18900	19193	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	17.04	17.19	17.16	18.5
		1	2	17.35	17.21	17.30	18.5
		1	5	17.38	17.15	17.35	18.5
		3	0	17.14	17.17	17.23	18.5
		3	1	17.28	17.17	17.40	18.5
		3	3	17.27	17.14	17.34	18.5
		6	0	17.26	17.13	17.42	18.5
	16QAM	1	0	17.23	17.08	17.12	18.5
		1	2	17.35	17.16	17.31	18.5
		1	5	17.28	17.20	17.30	18.5
		3	0	17.07	17.22	17.01	18.5
		3	1	17.12	17.09	17.18	18.5
		3	3	17.01	17.22	17.29	18.5
		6	0	17.08	17.39	17.01	18.5
	64QAM	1	0	17.32	17.12	17.30	18.5
		1	2	17.38	17.12	17.15	18.5
		1	5	17.27	17.21	17.10	18.5
		3	0	17.18	17.22	17.23	18.5
		3	1	17.28	17.02	17.23	18.5
		3	3	17.19	17.10	17.35	18.5
		6	0	17.22	17.26	17.36	18.5
	256QAM	1	0	17.27	17.07	17.17	18.5
		1	2	17.36	17.32	17.11	18.5
		1	5	17.19	17.16	17.29	18.5
		3	0	17.12	17.16	17.31	18.5
		3	1	17.29	17.23	17.37	18.5
		3	3	17.30	17.35	17.14	18.5
		6	0	17.05	17.13	17.12	18.5

LTE Band 2_Ant2 For ENDC

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	15.19	15.35	15.16	16.5
		1	50	15.59	15.45	**15.60**	16.5
		1	99	15.32	15.21	15.32	16.5
		50	0	15.21	15.21	15.28	16.5
		50	25	15.51	15.26	15.53	16.5
		50	50	15.39	15.16	15.46	16.5
		100	0	15.39	15.34	15.53	16.5
	16QAM	1	0	15.36	15.01	15.32	16.5
		1	50	15.24	15.42	15.48	16.5
		1	99	15.33	15.40	15.37	16.5
		50	0	14.99	15.46	15.19	16.5
		50	25	15.10	15.27	15.31	16.5
		50	50	15.21	15.38	15.29	16.5
		100	0	15.26	15.56	15.20	16.5
	64QAM	1	0	15.25	15.34	15.25	16.5
		1	50	15.55	15.10	15.40	16.5
		1	99	15.40	15.31	15.05	16.5
		50	0	15.28	15.34	15.30	16.5
		50	25	15.49	15.11	15.24	16.5
		50	50	15.30	15.03	15.28	16.5
		100	0	15.33	15.35	15.48	16.5
	256QAM	1	0	15.24	15.17	15.14	16.5
		1	50	15.48	15.41	15.26	16.5
		1	99	15.28	15.30	15.34	16.5
		50	0	15.13	15.19	15.40	16.5
		50	25	15.35	15.26	15.49	16.5
		50	50	15.50	15.20	15.29	16.5
		100	0	15.14	15.10	15.18	16.5
BW	Modulation	Channel		18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	15.11	15.32	15.16	16.5
		1	37	15.53	15.45	15.47	16.5
		1	74	15.29	15.19	15.29	16.5
		36	0	15.08	15.11	15.23	16.5
		36	19	15.51	15.15	15.46	16.5
		36	39	15.35	15.13	15.39	16.5
		75	0	15.37	15.28	15.51	16.5
	16QAM	1	0	15.36	14.99	15.20	16.5
		1	37	15.22	15.41	15.40	16.5
		1	74	15.23	15.28	15.35	16.5
		36	0	14.97	15.45	15.18	16.5
		36	19	15.02	15.21	15.24	16.5
		36	39	15.21	15.30	15.22	16.5
		75	0	15.15	15.52	15.18	16.5
	64QAM	1	0	15.23	15.28	15.12	16.5
		1	37	15.52	15.07	15.32	16.5
		1	74	15.39	15.28	15.02	16.5
		36	0	15.27	15.22	15.27	16.5
		36	19	15.43	15.02	15.09	16.5
		36	39	15.29	14.86	15.23	16.5
		75	0	15.29	15.33	15.44	16.5
	256QAM	1	0	15.09	15.07	15.04	16.5
		1	37	15.43	15.32	15.15	16.5
		1	74	15.22	15.28	15.29	16.5
		36	0	15.10	15.15	15.30	16.5
		36	19	15.25	15.18	15.35	16.5
		36	39	15.40	15.19	15.14	16.5
		75	0	15.11	15.03	15.07	16.5
BW	Modulation	Channel		18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	15.07	15.22	15.12	16.5
		1	24	15.54	15.32	15.55	16.5
		1	49	15.21	15.16	15.19	16.5
		25	0	15.09	15.19	15.24	16.5
		25	12	15.47	15.25	15.30	16.5
		25	25	15.29	15.10	15.36	16.5
		50	0	15.34	15.19	15.44	16.5
	16QAM	1	0	15.27	14.96	15.23	16.5
		1	24	15.15	15.31	15.38	16.5
		1	49	15.27	15.39	15.26	16.5
		25	0	14.84	15.35	15.06	16.5
		25	12	14.96	15.22	15.18	16.5
		25	25	15.13	15.37	15.29	16.5
		50	0	15.25	15.47	15.20	16.5
	64QAM	1	0	15.25	15.33	15.15	16.5
		1	24	15.45	14.95	15.35	16.5
		1	49	15.36	15.26	14.92	16.5
		25	0	15.16	15.30	15.28	16.5
		25	12	15.37	15.04	15.22	16.5
		25	25	15.17	14.98	15.20	16.5
		50	0	15.32	15.29	15.36	16.5
	256QAM	1	0	15.12	15.05	15.14	16.5
		1	24	15.44	15.29	15.17	16.5
		1	49	15.15	15.18	15.30	16.5
		25	0	15.13	15.14	15.30	16.5
		25	12	15.24	15.11	15.46	16.5
		25	25	15.47	15.10	15.21	16.5
		50	0	15.12	15.02	15.04	16.5
BW	Modulation	Channel		18625	18900	19175	Max. Tune-up (dBm)
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	15.17	15.24	15.07	16.5
		1	12	15.54	15.41	15.59	16.5
		1	24	15.28	15.15	15.32	16.5
		12	0	15.15	15.10	15.24	16.5
		12	6	15.49	15.14	15.36	16.5
		12	13	15.32	15.13	15.34	16.5
		25	0	15.33	15.27	15.38	16.5
	16QAM	1	0	15.30	14.89	15.18	16.5
		1	12	15.10	15.42	15.39	16.5
		1	24	15.19	15.34	15.26	16.5
		12	0	14.94	15.33	15.10	16.5
		12	6	15.03	15.25	15.20	16.5
		12	13	15.11	15.33	15.16	16.5
		25	0	15.18	15.44	15.10	16.5
	64QAM	1	0	15.20	15.33	15.22	16.5
		1	12	15.52	15.06	15.37	16.5
		1	24	15.40	15.26	14.98	16.5
		12	0	15.19	15.22	15.26	16.5
		12	6	15.45	14.97	15.11	16.5
		12	13	15.27	15.24	14.93	16.5
		25	0	15.28	15.24	15.34	16.5
	256QAM	1	0	15.22	15.16	15.01	16.5
		1	12	15.35	15.39	15.22	16.5
		1	24	15.21	15.21	15.27	16.5
		12	0	15.11	15.05	15.38	16.5
		12	6	15.32	15.26	15.39	16.5
		12	13	15.47	15.12	15.21	16.5
		25	0	15.07	14.95	15.10	16.5
BW	Modulation	Channel		18615	18900	19185	Max. Tune-up (dBm)
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	15.18	15.31	15.01	16.5
		1	7	15.57	15.45	15.45	16.5
		1	14	15.23	15.10	15.23	16.5
		8	0	15.15	15.15	15.14	16.5
		8	3	15.37	15.14	15.53	16.5
		8	7	15.25	15.15	15.41	16.5
		15	0	15.26	15.28	15.52	16.5
	16QAM	1	0	15.21	15.00	15.25	16.5
		1	7	15.21	15.42	15.44	16.5
		1	14	15.20	15.27	15.23	16.5
		8	0	14.95	15.34	15.19	16.5
		8	3	15.01	15.14	15.29	16.5
		8	7	15.20	15.35	15.15	16.5
		15	0	15.24	15.00	15.10	16.5
	64QAM	1	0	15.23	15.26	15.16	16.5
		1	7	15.42	15.00	15.35	16.5
		1	14	15.36	15.30	14.98	16.5
		8	0	15.21	15.33	15.17	16.5
		8	3	15.44	15.11	15.21	16.5
		8	7	15.27	14.94	15.26	16.5
		15	0	15.24	15.28	15.34	16.5
	256QAM	1	0	15.14	15.15	15.10	16.5
		1	7	15.34	15.34	15.17	16.5
		1	14	15.22	15.28	15.20	16.5
		8	0	15.09	15.10	15.32	16.5
		8	3	15.23	15.21	15.46	16.5
		8	7	15.40	15.20	15.23	16.5
		15	0	15.09	15.03	15.05	16.5
BW	Modulation	Channel		18607	18900	19193	Max. Tune-up (dBm)
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	15.04	15.29	15.08	16.5
		1	2	15.57	15.32	15.59	16.5
		1	5	15.18	15.13	15.21	16.5
		3	0	15.19	15.17	15.15	16.5
		3	1	15.42	15.21	15.46	16.5
		3	3	15.31	15.13	15.35	16.5
		6	0	15.38	15.24	15.50	16.5
	16QAM	1	0	15.30	14.88	15.29	16.5
		1	2	15.24	15.41	15.47	16.5
		1	5	15.28	15.28	15.25	16.5
		3	0	14.85	15.33	15.12	16.5
		3	1	15.03	15.25	15.17	16.5
		3	3	15.21	15.20	15.23	16.5
		6	0	15.16	15.46	15.17	16.5
	64QAM	1	0	15.16	15.34	15.25	16.5
		1	2	15.54	15.04	15.30	16.5
		1	5	15.34	15.25	15.00	16.5
		3	0	15.15	15.29	15.26	16.5
		3	1	15.42	15.01	15.18	16.5
		3	3	15.28	14.98	15.25	16.5
		6	0	15.30	15.25	15.36	16.5
	256QAM	1	0	15.19	15.09	15.07	16.5
		1	2	15.55	15.28	15.24	16.5
		1	5	15.13	15.19	15.27	16.5
		3	0	15.03	15.15	15.28	16.5
		3	1	15.35	15.15	15.46	16.5
		3	3	15.37	15.17	15.17	16.5
		6	0	15.01	14.97	15.10	16.5

LTE Band 2_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	16.39	16.36	16.50	17.5
		1	50	**16.55**	16.54	16.51	17.5
		1	99	16.49	16.37	16.30	17.5
		50	0	16.26	16.36	16.44	17.5
		50	25	16.51	16.49	16.49	17.5
		50	50	16.25	16.38	16.35	17.5
		100	0	16.42	16.38	16.40	17.5
	16QAM	1	0	16.43	16.51	16.32	17.5
		1	50	16.49	16.54	16.24	17.5
		1	99	16.46	16.40	16.27	17.5
		50	0	16.50	16.52	16.49	17.5
		50	25	16.42	16.54	16.47	17.5
		50	50	16.27	16.29	16.44	17.5
		100	0	16.32	16.38	16.54	17.5
	64QAM	1	0	16.51	16.27	16.38	17.5
		1	50	16.49	16.52	16.49	17.5
		1	99	16.27	16.54	16.28	17.5
		50	0	16.31	16.28	16.35	17.5
		50	25	16.34	16.45	16.43	17.5
		50	50	16.34	16.40	16.45	17.5
		100	0	16.27	16.48	16.27	17.5
	256QAM	1	0	16.26	16.36	16.31	17.5
		1	50	16.39	16.47	16.36	17.5
		1	99	16.41	16.52	16.32	17.5
		50	0	16.43	16.31	16.37	17.5
		50	25	16.48	16.43	16.33	17.5
		50	50	16.53	16.26	16.29	17.5
		100	0	16.43	16.25	16.53	17.5
BW	Modulation	Channel		18675	18900	19125	Max. Tune-up (dBm)
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	16.32	16.31	16.50	17.5
		1	37	16.48	16.39	16.42	17.5
		1	74	16.38	16.23	16.26	17.5
		36	0	16.15	16.31	16.34	17.5
		36	19	16.44	16.41	16.38	17.5
		36	39	16.15	16.26	16.22	17.5
		75	0	16.35	16.23	16.34	17.5
	16QAM	1	0	16.41	16.48	16.32	17.5
		1	37	16.47	16.51	16.12	17.5
		1	74	16.33	16.28	16.21	17.5
		36	0	16.37	16.37	16.40	17.5
		36	19	16.33	16.48	16.47	17.5
		36	39	16.18	16.26	16.37	17.5
		75	0	16.19	16.30	16.46	17.5
	64QAM	1	0	16.37	16.21	16.25	17.5
		1	37	16.44	16.49	16.44	17.5
		1	74	16.12	16.43	16.27	17.5
		36	0	16.19	16.17	16.35	17.5
		36	19	16.30	16.33	16.31	17.5
		36	39	16.22	16.29	16.37	17.5
		75	0	16.14	16.33	16.12	17.5
	256QAM	1	0	16.17	16.34	16.24	17.5
		1	37	16.31	16.36	16.39	17.5
		1	74	16.41	16.45	16.27	17.5
		36	0	16.35	16.19	16.36	17.5
		36	19	16.33	16.43	16.29	17.5
		36	39	16.48	16.20	16.22	17.5
		75	0	16.30	16.26	16.51	17.5
BW	Modulation	Channel		18650	18900	19150	Max. Tune-up (dBm)
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	16.28	16.33	16.40	17.5
		1	24	16.40	16.44	16.40	17.5
		1	49	16.37	16.37	16.23	17.5
		25	0	16.22	16.27	16.29	17.5
		25	12	16.42	16.39	16.34	17.5
		25	25	16.10	16.26	16.

LTE DSI5

LTE Band 4_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	20.84	20.66	20.72	21
		1	50	20.90	20.87	**20.91**	21
		1	99	20.70	20.60	20.84	21
		50	0	20.89	20.77	20.78	21
		50	25	20.90	20.86	20.85	21
		50	50	20.83	20.87	20.83	21
		100	0	20.64	20.79	20.82	21
	16QAM	1	0	20.65	20.70	20.80	21
		1	50	20.64	20.73	20.66	21
		1	99	20.63	20.87	20.77	21
		50	0	20.74	20.79	20.66	21
		50	25	20.64	20.60	20.63	21
		50	50	20.78	20.71	20.69	21
		100	0	20.62	20.70	20.72	21
	64QAM	1	0	20.68	20.62	20.83	21
		1	50	20.77	20.67	20.65	21
		1	99	20.78	20.86	20.73	21
		50	0	20.66	20.79	20.73	21
		50	25	20.76	20.86	20.77	21
		50	50	20.73	20.84	20.75	21
		100	0	20.78	20.79	20.69	21
	256QAM	1	0	18.69	18.82	18.88	19
		1	50	18.68	18.89	18.74	19
		1	99	18.69	18.83	18.68	19
		50	0	18.53	18.65	18.59	19
		50	25	18.72	18.84	18.69	19
		50	50	18.68	18.79	18.78	19
		100	0	18.73	18.75	18.63	19
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	20.81	20.66	20.64	21
		1	37	20.80	20.72	20.77	21
		1	74	20.58	20.91	20.83	21
		36	0	20.85	20.77	20.70	21
		36	19	20.81	20.76	20.75	21
		36	39	20.81	20.72	20.78	21
		75	0	20.53	20.64	20.71	21
	16QAM	1	0	20.55	20.59	20.77	21
		1	37	20.78	20.65	20.55	21
		1	74	20.61	20.72	20.77	21
		36	0	20.60	20.70	20.54	21
		36	19	20.69	20.50	20.58	21
		36	39	20.75	20.61	20.64	21
		75	0	20.48	20.59	20.57	21
	64QAM	1	0	20.66	20.58	20.79	21
		1	37	20.75	20.63	20.62	21
		1	74	20.68	20.82	20.59	21
		36	0	20.60	20.65	20.67	21
		36	19	20.65	20.81	20.67	21
		36	39	20.60	20.60	20.65	21
		75	0	20.64	20.69	20.68	21
	256QAM	1	0	18.66	18.67	18.82	19
		1	37	18.74	18.85	18.64	19
		1	74	18.55	18.72	18.82	19
		36	0	18.44	18.50	18.57	19
		36	19	18.61	18.71	18.63	19
		36	39	18.65	18.71	18.70	19
		75	0	18.66	18.60	18.61	19
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	20.69	20.73	20.64	21
		1	24	20.80	20.84	20.76	21
		1	49	20.61	20.45	20.73	21
		25	0	20.86	20.73	20.64	21
		25	12	20.83	20.82	20.72	21
		25	25	20.80	20.72	20.77	21
		50	0	20.61	20.72	20.82	21
	16QAM	1	0	20.57	20.62	20.68	21
		1	24	20.84	20.60	20.54	21
		1	49	20.57	20.82	20.76	21
		25	0	20.74	20.64	20.51	21
		25	12	20.82	20.49	20.57	21
		25	25	20.70	20.67	20.68	21
		50	0	20.57	20.66	20.58	21
	64QAM	1	0	20.53	20.52	20.68	21
		1	24	20.72	20.63	20.54	21
		1	49	20.67	20.80	20.59	21
		25	0	20.63	20.73	20.58	21
		25	12	20.66	20.76	20.70	21
		25	25	20.72	20.71	20.62	21
		50	0	20.77	20.73	20.65	21
	256QAM	1	0	18.68	18.74	18.80	19
		1	24	18.87	18.77	18.73	19
		1	49	18.54	18.69	18.59	19
		25	0	18.41	18.59	18.47	19
		25	12	18.60	18.69	18.63	19
		25	25	18.66	18.69	18.74	19
		50	0	18.71	18.67	18.52	19
BW	Modulation	Channel		19975	20175	20375	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	20.72	20.76	20.61	21
		1	12	20.87	20.76	20.87	21
		1	24	20.61	20.55	20.83	21
		12	0	20.89	20.62	20.70	21
		12	6	20.90	20.75	20.72	21
		12	13	20.68	20.78	20.69	21
		25	0	20.54	20.70	20.77	21
	16QAM	1	0	20.52	20.65	20.78	21
		1	12	20.69	20.69	20.66	21
		1	24	20.54	20.75	20.62	21
		12	0	20.71	20.68	20.66	21
		12	6	20.76	20.53	20.50	21
		12	13	20.78	20.60	20.58	21
		25	0	20.48	20.64	20.67	21
	64QAM	1	0	20.65	20.49	20.80	21
		1	12	20.68	20.54	20.54	21
		1	24	20.65	20.76	20.69	21
		12	0	20.42	20.74	20.60	21
		12	6	20.65	20.62	20.59	21
		12	13	20.49	20.70	20.69	21
		25	0	20.55	20.67	20.58	21
	256QAM	1	0	18.45	18.66	18.68	19
		1	12	18.74	18.79	18.45	19
		1	24	18.51	18.64	18.49	19
		12	0	18.46	18.39	18.43	19
		12	6	18.53	18.77	18.60	19
		12	13	18.41	18.60	18.70	19
		25	0	18.61	18.53	18.50	19
BW	Modulation	Channel		19965	20175	20385	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	20.77	20.76	20.61	21
		1	7	20.77	20.84	20.80	21
		1	14	20.69	20.52	20.72	21
		8	0	20.76	20.66	20.65	21
		8	3	20.76	20.83	20.83	21
		8	7	20.82	20.86	20.80	21
		15	0	20.54	20.79	20.79	21
	16QAM	1	0	20.56	20.85	20.79	21
		1	7	20.69	20.72	20.55	21
		1	14	20.58	20.77	20.64	21
		8	0	20.59	20.68	20.62	21
		8	3	20.72	20.47	20.63	21
		8	7	20.69	20.63	20.55	21
		15	0	20.55	20.65	20.69	21
	64QAM	1	0	20.57	20.47	20.80	21
		1	7	20.62	20.61	20.58	21
		1	14	20.75	20.73	20.69	21
		8	0	20.56	20.71	20.65	21
		8	3	20.74	20.83	20.62	21
		8	7	20.65	20.82	20.66	21
		15	0	20.77	20.74	20.65	21
	256QAM	1	0	18.66	18.77	18.79	19
		1	7	18.76	18.88	18.70	19
		1	14	18.54	18.79	18.61	19
		8	0	18.49	18.57	18.44	19
		8	3	18.69	18.83	18.66	19
		8	7	18.63	18.68	18.65	19
		15	0	18.70	18.65	18.55	19
BW	Modulation	Channel		19957	20175	20393	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	20.75	20.71	20.65	21
		1	2	20.85	20.65	20.82	21
		1	5	20.64	20.49	20.80	21
		3	0	20.75	20.66	20.71	21
		3	1	20.78	20.66	20.84	21
		3	3	20.72	20.70	20.69	21
		6	0	20.56	20.71	20.78	21
	16QAM	1	0	20.51	20.66	20.66	21
		1	2	20.73	20.63	20.51	21
		1	5	20.61	20.80	20.65	21
		3	0	20.69	20.79	20.61	21
		3	1	20.72	20.52	20.63	21
		3	3	20.69	20.71	20.63	21
		6	0	20.47	20.55	20.65	21
	64QAM	1	0	20.59	20.51	20.81	21
		1	2	20.62	20.61	20.57	21
		1	5	20.75	20.81	20.61	21
		3	0	20.59	20.75	20.67	21
		3	1	20.61	20.74	20.69	21
		3	3	20.58	20.76	20.69	21
		6	0	20.55	20.66	20.63	21
	256QAM	1	0	18.60	18.65	18.83	19
		1	2	18.78	18.68	18.64	19
		1	5	18.47	18.61	18.62	19
		3	0	18.32	18.51	18.36	19
		3	1	18.56	18.68	18.63	19
		3	3	18.59	18.71	18.65	19
		6	0	18.51	18.59	18.50	19

LTE Band 4_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	17.21	17.30	17.30	18
		1	50	17.34	**17.43**	17.32	18
		1	99	17.22	17.24	17.18	18
		50	0	17.31	17.42	17.39	18
		50	25	17.22	17.34	17.38	18
		50	50	17.29	17.16	17.34	18
		100	0	17.35	17.36	17.31	18
	16QAM	1	0	17.35	17.12	17.42	18
		1	50	17.24	17.40	17.13	18
		1	99	17.42	17.24	17.21	18
		50	0	17.17	17.21	17.34	18
		50	25	17.40	17.39	17.27	18
		50	50	17.39	17.28	17.31	18
		100	0	17.20	17.20	17.40	18
	64QAM	1	0	17.27	17.34	17.28	18
		1	50	17.28	17.36	17.38	18
		1	99	17.36	17.38	17.33	18
		50	0	17.26	17.21	17.41	18
		50	25	17.17	17.23	17.34	18
		50	50	17.35	17.39	17.15	18
		100	0	17.24	17.24	17.24	18
	256QAM	1	0	17.17	17.12	17.16	18
		1	50	17.21	17.31	17.26	18
		1	99	17.23	17.22	17.12	18
		50	0	17.39	17.39	17.28	18
		50	25	17.27	17.40	17.34	18
		50	50	17.12	17.12	17.16	18
		100	0	17.22	17.12	17.25	18
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	17.19	17.27	17.25	18
		1	37	17.28	17.40	17.20	18
		1	74	17.18	17.16	17.28	18
		36	0	17.29	17.33	17.33	18
		36	19	17.09	17.31	17.37	18
		36	39	17.29	17.23	17.27	18
		75	0	17.31	17.25	17.26	18
	16QAM	1	0	17.31	16.99	17.33	18
		1	37	17.09	17.25	17.12	18
		1	74	17.37	17.23	17.06	18
		36	0	17.08	17.16	17.34	18
		36	19	17.30	17.37	17.16	18
		36	39	17.25	17.14	17.26	18
		75	0	17.17	17.18	17.36	18
	64QAM	1	0	17.13	17.31	17.17	18
		1	37	17.15	17.22	17.36	18
		1	74	17.21	17.37	17.22	18
		36	0	17.12	17.13	17.37	18
		36	19	17.04	17.14	17.30	18
		36	39	17.22	17.33	17.15	18
		75	0	17.09	17.17	17.16	18
	256QAM	1	0	17.07	17.00	17.02	18
		1	37	17.11	17.19	17.16	18
		1	74	17.09	17.17	16.97	18
		36	0	17.32	17.34	17.18	18
		36	19	17.17	17.27	17.30	18
		36	39	17.11	16.97	17.15	18
		75	0	17.12	17.09	17.18	18
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	17.07	17.22	17.15	18
		1	24	17.31	17.33	17.19	18
		1	49	17.21	17.15	17.08	18
		25	0	17.24	17.41	17.26	18
		25	12	17.11	17.37	17.28	18
		25	25	17.14	17.11	17.36	18
		50	0	17.28	17.31	17.17	18
	16QAM	1	0	17.25	16.98	17.32	18
		1	24	17.15	17.38	17.05	18
		1	49	17.33	17.16	17.19	18
		25	0	17.08	17.14	17.27	18
		25	12	17.39	17.35	17.12	18
		25	25	17.24	17.24	17.28	18
		50	0	17.06	17.18	17.30	18
	64QAM	1	0	17.24	17.19	17.28	18
		1	24	17.19	17.23	17.28	18
		1	49	17.28	17.37	17.30	18
		25	0	17.13	17.10	17.39	18
		25	12	17.09	17.17	17.31	18
		25	25	17.35	17.34	17.02	18
		50	0	17.13	17.15	17.17	18
	256QAM	1	0	17.02	17.04	17.13	18
		1	24	17.05	17.31	17.22	18
		1	49	17.22	17.10	17.05	18
		25	0	17.26	17.34	17.25	18
		25	12	17.17	17.36	17.18	18
		25	25	16.98	17.12	17.05	18
		50	0	17.07	16.97	17.24	18
BW	Modulation	Channel		19975	20175	20375	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	17.15	17.28	17.26	18
		1	12	17.23	17.31	17.28	18
		1	24	17.12	17.22	17.16	18
		12	0	17.28	17.37	17.37	18
		12	6	17.10	17.28	17.23	18
		12	13	17.29	17.01	17.33	18
		25	0	17.30	17.24	17.19	18
	16QAM	1	0	17.20	17.04	17.31	18
		1	12	17.23	17.39	17.02	18
		1	24	17.33	17.24	17.11	18
		12	0	17.15	17.08	17.19	18
		12	6	17.39	17.26	17.25	18
		12	13	17.35	17.27	17.23	18
		25	0	17.09	17.19	17.39	18
	64QAM	1	0	17.20	17.26	17.24	18
		1	12	17.18	17.21	17.24	18
		1	24	17.36	17.26	17.28	18
		12	0	17.21	17.10	17.32	18
		12	6	17.11	17.22	17.26	18
		12	13	17.26	17.28	17.25	18
		25	0	17.15	17.24	17.19	18
	256QAM	1	0	17.07	17.01	17.13	18
		1	12	17.09	17.21	17.16	18
		1	24	17.20	17.02	17.10	18
		12	0	17.32	17.26	17.22	18
		12	6	17.12	17.36	17.33	18
		12	13	17.02	17.02	17.18	18
		25	0	17.17	17.05	17.19	18
BW	Modulation	Channel		19965	20175	20385	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	17.10	17.25	17.17	18
		1	7	17.21	17.33	17.26	18
		1	14	17.15	17.11	17.04	18
		8	0	17.28	17.28	17.36	18
		8	3	17.11	17.33	17.25	18
		8	7	17.15	17.14	17.19	18
		15	0	17.25	17.25	17.23	18
	16QAM	1	0	17.27	17.06	17.38	18
		1	7	17.12	17.25	17.06	18
		1	14	17.41	17.10	17.18	18
		8	0	17.09	17.14	17.23	18
		8	3	17.34	17.25	17.12	18
		8	7	17.38	17.19	17.21	18
		15	0	17.16	17.14	17.30	18
	64QAM	1	0	17.18	17.21	17.17	18
		1	7	17.19	17.23	17.26	18
		1	14	17.32	17.30	17.22	18
		8	0	17.11	17.08	17.33	18
		8	3	17.01	17.21	17.34	18
		8	7	17.25	17.39	17.00	18
		15	0	17.15	17.22	17.12	18
	256QAM	1	0	17.15	17.00	17.15	18
		1	7	17.14	17.20	17.19	18
		1	14	17.20	17.09	17.11	18
		8	0	17.25	17.29	17.15	18
		8	3	17.13	17.27	17.26	18
		8	7	17.09	17.02	17.03	18
		15	0	17.20	17.04	17.13	18
BW	Modulation	Channel		19957	20175	20393	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	17.14	17.28	17.15	18
		1	2	17.30	17.29	17.26	18
		1	5	17.11	17.11	17.16	18
		3	0	17.30	17.32	17.28	18
		3	1	17.19	17.29	17.38	18
		3	3	17.25	17.26	17.24	18
		6	0	17.23	17.36	17.19	18
	16QAM	1	0	17.27	17.09	17.29	18
		1	2	17.19	17.25	17.12	18
		1	5	17.27	17.14	17.19	18
		3	0	17.07	17.08	17.21	18
		3	1	17.37	17.27	17.13	18
		3	3	17.36	17.27	17.35	18
		6	0	17.14	17.07	17.32	18
	64QAM	1	0	17.13	17.32	17.20	18
		1	2	17.28	17.33	17.24	18
		1	5	17.33	17.24	17.27	18
		3	0	17.17	17.09	17.29	18
		3	1	17.02	17.17	17.29	18
		3	3	17.25	17.29	17.08	18
		6	0	17.24	17.22	17.11	18
	256QAM	1	0	17.17	17.06	17.16	18
		1	2	17.08	17.09	16.02	17
		1	5	17.14	17.21	17.01	18
		3	0	17.28	17.36	17.25	18
		3	1	17.19	17.42	17.24	18
		3	3	17.07	16.98	17.09	18
		6	0	17.09	17.01	17.11	18

LTE Band 4_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	16.19	16.21	16.12	17
		1	50	**16.33**	16.24	16.24	17
		1	99	16.12	16.08	16.22	17
		50	0	16.24	16.22	16.29	17
		50	25	16.09	16.20	16.03	17
		50	50	16.31	16.23	16.30	17
		100	0	16.21	16.02	16.05	17
	16QAM	1	0	16.12	16.19	16.09	17
		1	50	16.04	16.21	16.22	17
		1	99	16.29	16.14	16.08	17
		50	0	16.21	16.29	16.15	17
		50	25	16.05	16.24	16.24	17
		50	50	16.05	16.18	16.04	17
		100	0	16.13	16.29	16.31	17
	64QAM	1	0	16.18	16.09	16.08	17
		1	50	16.18	16.24	16.09	17
		1	99	16.16	16.31	16.15	17
		50	0	16.25	16.24	16.32	17
		50	25	16.04	16.28	16.22	17
		50	50	16.30	16.19	16.16	17
		100	0	16.08	16.19	16.10	17
	256QAM	1	0	16.26	16.17	16.04	17
		1	50	16.22	16.07	16.00	17
		1	99	16.18	16.18	16.22	17
		50	0	16.32	16.28	16.04	17
		50	25	16.16	16.16	16.14	17
		50	50	16.28	16.32	16.32	17
		100	0	16.24	16.15	16.10	17
BW	Modulation	Channel		20025	20175	20325	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	16.14	16.18	16.04	17
		1	37	16.26	16.13	16.16	17
		1	74	16.11	16.05	16.26	17
		36	0	16.09	16.09	16.14	17
		36	19	16.06	16.19	16.02	17
		36	39	16.25	16.23	16.21	17
		75	0	16.09	15.96	15.99	17
	16QAM	1	0	16.11	16.16	16.06	17
		1	37	16.03	16.14	16.12	17
		1	74	16.17	16.03	16.04	17
		36	0	16.11	16.28	16.10	17
		36	19	16.04	16.12	16.17	17
		36	39	16.03	16.03	15.93	17
		75	0	16.09	16.24	16.08	17
	64QAM	1	0	16.13	16.00	16.04	17
		1	37	16.15	16.15	15.97	17
		1	74	16.16	16.31	16.16	17
		36	0	16.12	16.16	16.27	17
		36	19	16.02	16.17	16.22	17
		36	39	16.24	16.16	16.04	17
		75	0	16.03	16.11	16.02	17
	256QAM	1	0	16.26	16.15	15.92	17
		1	37	16.08	16.05	16.03	17
		1	74	16.08	16.11	16.11	17
		36	0	16.17	16.15	15.97	17
		36	19	16.09	16.11	16.02	17
		36	39	16.20	16.21	16.25	17
		75	0	16.24	16.11	16.08	17
BW	Modulation	Channel		20000	20175	20350	Max. Tune-up (dBm)
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	16.13	16.17	15.98	17
		1	24	16.22	16.13	16.22	17
		1	49	16.05	16.06	16.21	17
		25	0	16.17	16.07	16.25	17
		25	12	15.98	16.10	15.99	17
		25	25	16.21	16.13	16.15	17
		50	0	16.12	15.94	15.98	17
	16QAM	1	0	15.98	16.10	15.95	17
		1	24	15.89	16.12	16.19	17
		1	49	16.25	16.04	16.07	17
		25	0	16.08	16.28	16.04	17
		25	12	15.97	16.13	16.20	17
		25	25	16.01	16.07	15.92	17
		50	0	16.08	16.22	16.27	17
	64QAM	1	0	16.04	16.04	15.95	17
		1	24	16.04	16.19	16.05	17
		1	49	16.08	16.30	16.08	17
		25	0	16.20	16.09	16.20	17
		25	12	15.96	16.06	16.15	17
		25	25	16.22	16.13	16.05	17
		50	0	15.94	16.11	16.01	17
	256QAM	1	0	16.13	16.16	15.99	17
		1	24	16.16	16.04	15.99	17
		1	49	16.09	16.13	16.11	17
		25	0	16.22	16.22	16.02	17
		25	12	16.10	16.05	16.16	17
		25	25	16.24	16.24	16.19	17
		50	0	16.22	16.01	16.09	17
B

LTE DSI5

LTE Band 5_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	24.55	24.59	24.56	25.5
		1	24	24.69	**24.75**	24.60	25.5
		1	49	24.29	24.38	24.31	25.5
		25	0	23.57	23.61	23.54	24.5
		25	12	23.67	23.73	23.71	24.5
		25	25	23.48	23.66	23.56	24.5
		50	0	23.46	23.57	23.52	24.5
	16QAM	1	0	24.02	23.97	23.92	24.5
		1	24	23.95	24.08	23.96	24.5
		1	49	23.98	23.91	23.80	24.5
		25	0	22.63	22.68	22.59	23.5
		25	12	22.73	22.75	22.76	23.5
		25	25	22.45	22.62	22.65	23.5
		50	0	22.57	22.57	22.58	23.5
	64QAM	1	0	22.69	22.74	22.67	23.5
		1	24	22.73	22.81	22.62	23.5
		1	49	22.72	22.80	22.59	23.5
		25	0	21.38	21.55	21.51	22.5
		25	12	21.52	21.76	21.56	22.5
		25	25	21.52	21.50	21.47	22.5
		50	0	21.58	21.67	21.52	22.5
	256QAM	1	0	19.41	19.57	19.37	20.5
		1	24	19.72	19.62	19.61	20.5
		1	49	19.62	19.77	19.69	20.5
		25	0	19.38	19.55	19.48	20.5
		25	12	19.51	19.68	19.61	20.5
		25	25	19.37	19.59	19.38	20.5
		50	0	19.60	19.75	19.54	20.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	24.40	24.55	24.45	25.5
		1	12	24.61	24.68	24.55	25.5
		1	24	24.20	24.34	24.28	25.5
		12	0	23.52	23.57	23.53	24.5
		12	6	23.60	23.65	23.70	24.5
		12	13	23.35	23.56	23.51	24.5
		25	0	23.36	23.36	23.50	24.5
	16QAM	1	0	23.95	23.95	23.80	24.5
		1	12	23.67	24.01	23.82	24.5
		1	24	23.97	23.80	23.78	24.5
		12	0	22.62	22.67	22.54	23.5
		12	6	22.61	22.70	22.68	23.5
		12	13	22.33	22.60	22.54	23.5
		25	0	22.43	22.46	22.47	23.5
	64QAM	1	0	22.63	22.71	22.66	23.5
		1	12	22.69	22.73	22.60	23.5
		1	24	22.57	22.66	22.50	23.5
		12	0	21.35	21.54	21.45	22.5
		12	6	21.50	21.74	21.47	22.5
		12	13	21.50	21.35	21.37	22.5
		25	0	21.45	21.63	21.44	22.5
	256QAM	1	0	19.38	19.50	19.27	20.5
		1	12	19.63	19.61	19.52	20.5
		1	24	19.58	19.73	19.66	20.5
		12	0	19.26	19.45	19.43	20.5
		12	6	19.49	19.55	19.57	20.5
		12	13	19.35	19.45	19.36	20.5
		25	0	19.50	19.64	19.47	20.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	24.53	24.56	24.50	25.5
		1	7	24.62	24.64	24.53	25.5
		1	14	24.19	24.34	24.20	25.5
		8	0	23.43	23.46	23.53	24.5
		8	3	23.64	23.59	23.56	24.5
		8	7	23.33	23.57	23.50	24.5
		15	0	23.32	23.41	23.48	24.5
	16QAM	1	0	23.98	23.86	23.85	24.5
		1	7	23.89	23.96	23.92	24.5
		1	14	23.92	23.89	23.67	24.5
		8	0	22.59	22.56	22.58	23.5
		8	3	22.71	22.74	22.65	23.5
		8	7	22.40	22.48	22.57	23.5
		15	0	22.45	22.47	22.47	23.5
	64QAM	1	0	22.62	22.73	22.60	23.5
		1	7	22.70	22.73	22.56	23.5
		1	14	22.58	22.77	22.53	23.5
		8	0	21.29	21.46	21.36	22.5
		8	3	21.51	21.75	21.41	22.5
		8	7	21.43	21.42	21.34	22.5
		15	0	21.43	21.54	21.41	22.5
	256QAM	1	0	19.39	19.47	19.22	20.5
		1	7	19.57	19.61	19.57	20.5
		1	14	19.58	19.65	19.62	20.5
		8	0	19.33	19.45	19.38	20.5
		8	3	19.46	19.60	19.50	20.5
		8	7	19.36	19.51	19.36	20.5
		15	0	19.47	19.60	19.52	20.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	24.43	24.50	24.49	25.5
		1	2	24.61	24.60	24.58	25.5
		1	5	24.15	24.33	24.25	25.5
		3	0	24.29	24.31	24.30	25.5
		3	1	24.32	24.50	24.41	25.5
		3	3	24.16	24.40	24.33	25.5
		6	0	23.38	23.46	23.52	24.5
	16QAM	1	0	23.95	23.86	23.89	24.5
		1	2	23.87	23.93	23.87	24.5
		1	5	23.89	23.76	23.78	24.5
		3	0	23.36	23.35	23.24	24.5
		3	1	23.38	23.52	23.41	24.5
		3	3	23.19	23.29	23.36	24.5
		6	0	22.49	22.43	22.45	23.5
	64QAM	1	0	22.55	22.65	22.66	23.5
		1	2	22.59	22.69	22.58	23.5
		1	5	22.62	22.72	22.46	23.5
		3	0	22.05	22.26	22.19	23.5
		3	1	22.30	22.44	22.33	23.5
		3	3	22.25	22.18	22.24	23.5
		6	0	21.50	21.65	21.39	22.5
	256QAM	1	0	19.37	19.43	19.29	20.5
		1	2	19.62	19.50	19.48	20.5
		1	5	19.59	19.63	19.54	20.5
		3	0	19.23	19.49	19.43	20.5
		3	1	19.44	19.59	19.51	20.5
		3	3	19.26	19.56	19.34	20.5
		6	0	19.56	19.69	19.52	20.5

LTE Band 5_Ant0 For DSDA

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	23.61	23.54	23.58	24.5
		1	24	23.72	**23.73**	23.59	24.5
		1	49	23.33	23.32	23.38	24.5
		25	0	23.55	23.57	23.40	24.5
		25	12	23.57	23.69	23.62	24.5
		25	25	23.41	23.56	23.43	24.5
		50	0	23.32	23.56	23.41	24.5
	16QAM	1	0	23.72	23.61	23.66	24.5
		1	24	23.68	23.68	23.61	24.5
		1	49	23.68	23.55	23.51	24.5
		25	0	22.57	22.55	22.45	23.5
		25	12	22.70	22.60	22.68	23.5
		25	25	22.32	22.56	22.56	23.5
		50	0	22.56	22.46	22.43	23.5
	64QAM	1	0	22.54	22.70	22.57	23.5
		1	24	22.65	22.66	22.57	23.5
		1	49	22.57	22.72	22.48	23.5
		25	0	21.35	21.53	21.50	22.5
		25	12	21.46	21.72	21.47	22.5
		25	25	21.41	21.37	21.35	22.5
		50	0	21.44	21.60	21.37	22.5
	256QAM	1	0	19.31	19.56	19.33	20.5
		1	24	19.56	19.53	19.50	20.5
		1	49	19.51	19.73	19.54	20.5
		25	0	19.25	19.54	19.34	20.5
		25	12	19.40	19.56	19.47	20.5
		25	25	19.24	19.54	19.34	20.5
		50	0	19.51	19.66	19.44	20.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	23.52	23.46	23.49	24.5
		1	12	23.66	23.72	23.50	24.5
		1	24	23.19	23.31	23.25	24.5
		12	0	23.47	23.56	23.29	24.5
		12	6	23.43	23.65	23.61	24.5
		12	13	23.27	23.46	23.31	24.5
		25	0	23.24	23.42	23.37	24.5
	16QAM	1	0	23.57	23.58	23.54	24.5
		1	12	23.55	23.66	23.50	24.5
		1	24	23.58	23.44	23.36	24.5
		12	0	22.51	22.40	22.33	23.5
		12	6	22.65	22.56	22.65	23.5
		12	13	22.22	22.43	22.46	23.5
		25	0	22.50	22.44	22.33	23.5
	64QAM	1	0	22.45	22.66	22.46	23.5
		1	12	22.50	22.56	22.52	23.5
		1	24	22.51	22.60	22.43	23.5
		12	0	21.28	21.39	21.48	22.5
		12	6	21.32	21.71	21.34	22.5
		12	13	21.36	21.26	21.31	22.5
		25	0	21.31	21.56	21.34	22.5
	256QAM	1	0	19.17	19.53	19.29	20.5
		1	12	19.49	19.52	19.46	20.5
		1	24	19.50	19.66	19.43	20.5
		12	0	19.15	19.45	19.28	20.5
		12	6	19.40	19.43	19.43	20.5
		12	13	19.12	19.43	19.19	20.5
		25	0	19.39	19.65	19.31	20.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	23.93	23.45	23.56	24.5
		1	7	23.69	23.70	23.47	24.5
		1	14	23.32	23.17	23.27	24.5
		8	0	23.54	23.46	23.38	24.5
		8	3	23.47	23.57	23.52	24.5
		8	7	23.28	23.51	23.29	24.5
		15	0	23.24	23.54	23.30	24.5
	16QAM	1	0	23.59	23.58	23.56	24.5
		1	7	23.56	23.55	23.54	24.5
		1	14	23.54	23.46	23.41	24.5
		8	0	22.45	22.46	22.41	23.5
		8	3	22.59	22.49	22.58	23.5
		8	7	22.19	22.41	22.49	23.5
		15	0	22.44	22.41	22.41	23.5
	64QAM	1	0	22.41	22.65	22.53	23.5
		1	7	22.53	22.51	22.48	23.5
		1	14	22.43	22.61	22.38	23.5
		8	0	21.20	21.44	21.47	22.5
		8	3	21.34	21.65	21.44	22.5
		8	7	21.32	21.25	21.26	22.5
		15	0	21.39	21.45	21.35	22.5
	256QAM	1	0	19.19	19.43	19.32	20.5
		1	7	19.56	19.38	19.41	20.5
		1	14	19.37	19.61	19.53	20.5
		8	0	19.19	19.51	19.19	20.5
		8	3	19.34	19.45	19.42	20.5
		8	7	19.17	19.41	19.29	20.5
		15	0	19.47	19.62	19.38	20.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	23.49	23.56	23.58	24.5
		1	2	23.67	23.66	23.64	24.5
		1	5	23.21	23.39	23.31	24.5
		3	0	23.35	23.37	23.36	24.5
		3	1	23.38	23.56	23.47	24.5
		3	3	23.32	23.46	23.39	24.5
		6	0	23.38	23.46	23.52	24.5
	16QAM	1	0	23.54	23.65	23.62	24.5
		1	2	23.66	23.62	23.66	24.5
		1	5	23.39	23.55	23.57	24.5
		3	0	23.36	23.35	23.24	24.5
		3	1	23.38	23.52	23.41	24.5
		3	3	23.19	23.29	23.36	24.5
		6	0	22.49	22.43	22.45	23.5
	64QAM	1	0	22.55	22.65	22.66	23.5
		1	2	22.59	22.69	22.58	23.5
		1	5	22.62	22.72	22.46	23.5
		3	0	22.05	22.26	22.19	23.5
		3	1	22.30	22.44	22.33	23.5
		3	3	22.25	22.18	22.24	23.5
		6	0	21.50	21.65	21.39	22.5
	256QAM	1	0	19.37	19.43	19.29	20.5
		1	2	19.62	19.50	19.48	20.5
		1	5	19.59	19.63	19.54	20.5
		3	0	19.23	19.49	19.43	20.5
		3	1	19.44	19.59	19.51	20.5
		3	3	19.26	19.56	19.34	20.5
		6	0	19.56	19.69	19.52	20.5

LTE Band 5_Ant1

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	19.82	19.85	19.76	21
		1	24	**19.95**	19.87	19.83	21
		1	49	19.70	19.68	19.76	21
		25	0	19.73	19.71	19.72	21
		25	12	19.90	19.79	19.86	21
		25	25	19.67	19.74	19.82	21
		50	0	19.89	19.78	19.54	21
	16QAM	1	0	19.56	19.62	19.73	21
		1	24	19.56	19.74	19.62	21
		1	49	19.76	19.60	19.66	21
		25	0	19.67	19.56	19.78	21
		25	12	19.71	19.57	19.60	21
		25	25	19.68	19.53	19.60	21
		50	0	19.70	19.63	19.65	21
	64QAM	1	0	19.77	19.64	19.51	21
		1	24	19.55	19.64	19.79	21
		1	49	19.68	19.68	19.68	21
		25	0	19.61	19.43	19.54	21
		25	12	19.68	19.78	19.64	21
		25	25	19.71	19.79	19.78	21
		50	0	19.74	19.54	19.62	21
	256QAM	1	0	19.85	19.54	19.64	21
		1	24	19.76	19.80	19.51	21
		1	49	19.72	19.73	19.55	21
		25	0	19.87	19.63	19.44	21
		25	12	19.55	19.60	19.58	21
		25	25	19.76	19.49	19.50	21
		50	0	19.73	19.62	19.80	21
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	19.73	19.74	19.72	21
		1	12	19.83	19.77	19.80	21
		1	24	19.59	19.61	19.72	21
		12	0	19.71	19.58	19.69	21
		12	6	19.77	19.70	19.81	21
		12	13	19.66	19.60	19.78	21
		25	0	19.88	19.73	19.91	21
	16QAM	1	0	19.55	19.74	19.62	21
		1	12	19.47	19.69	19.47	21
		1	24	19.67	19.47	19.64	21
		12	0	19.66	19.41	19.74	21
		12	6	19.57	19.47	19.51	21
		12	13	19.58	19.46	19.47	21
		25	0	19.60	19.56	19.91	21
	64QAM	1	0	19.71	19.51	19.50	21
		1	12	19.49	19.51	19.68	21
		1	24	19.58	19.61	19.63	21
		12	0	19.60	19.37	19.44	21
		12	6	19.60	19.63	19.57	21
		12	13	19.67	19.67	19.71	21
		25	0	19.65	19.52	19.58	21
	256QAM	1	0	19.78	19.51	19.50	21
		1	12	19.62	19.49	19.43	21
		1	24	19.70	19.68	19.43	21
		12	0	19.73	19.57	19.36	21
		12	6	19.41	19.52	19.48	21
		12	13	19.65	19.39	19.41	21
		25	0	19.62	19.48	19.69	21
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	19.76	19.77	19.65	21
		1	7	19.94	19.81	19.79	21
		1	14	19.56	19.61	19.68	21
		8	0	19.71	19.69	19.59	21
		8	3	19.89	19.70	19.74	21
		8	7	19.58	19.66	19.80	21
		15	0	19.83	19.74	19.53	21
	16QAM	1	0	19.54	19.71	19.58	21
		1	7	19.46	19.69	19.58	21
		1	14	19.67	19.58	19.62	21
		8	0	19.53	19.49	19.67	21
		8	3	19.62	19.55	19.55	21
		8	7	19.55	19.48	19.58	21
		15	0	19.63	19.55	19.54	21
	64QAM	1	0	19.72	19.60	19.46	21
		1	7	19.42	19.49	19.73	21
		1	14	19.61	19.54	19.60	21
		8	0	19.50	19.31	19.46	21
		8	3	19.57	19.74	19.59	21
		8	7	19.61	19.71	19.69	21
		15	0	19.62	19.48	19.50	21
	256QAM	1	0	19.71	19.50	19.59	21
		1	7	19.71	19.45	19.46	21
		1	14	19.71	19.72	19.45	21
		8	0	19.78	19.57	19.32	21
		8	3	19.41	19.54	19.54	21
		8	7	19.68	19.48	19.43	21
		15	0	19.71	19.53	19.66	21
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	19.77	19.71	19.66	21
		1	2	19.89	19.77	19.81	21
		1	5	19.66	19.80	19.74	21
		3	0	19.62	19.68	19.69	21
		3	1	19.81	19.71	19.85	21
		3	3	19.55	19.64	19.72	21
		6	0	19.79	19.76	19.39	21
	16QAM	1	0	19.46	19.75	19.67	21
		1	2	19.55	19.66	19.50	21
		1	5	19.62	19.53	19.62	21
		3	0	19.56	19.42	19.74	21
		3	1	19.57	19.50	19.52	21
		3	3	19.67	19.52	19.54	21
		6	0	19.58	19.33	19.52	21
	64QAM	1	0	19.74	19.58	19.45	21
		1	2	19.43	19.52	19.77	21
		1	5	19.67	19.58	19.59	21
		3	0	19.58	19.28	19.46	21
		3	1	19.54	19.76	19.50	21
		3	3	19.59	19.75	19.59	21
		6	0	19.70	19.42	19.55	21
	256QAM	1	0	19.77	19.47	19.62	21
		1	2	19.74	19.59	19.49	21
		1	5	19.65	19.87	19.43	21
		3	0	19.74	19.59	19.42	21
		3	1	19.47	19.59	19.45	21
		3	3	19.62	19.41	19.44	21
		6	0	19.63	19.80	19.73	21

LTE Band 5_Ant1 For DSDA

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	16.91	16.84	16.85	18
		1	24	**16.93**	16.85	16.87	18
		1	49	16.68	16.76	16.81	18
		25	0	16.91	16.78	16.89	18
		25	12	16.82	16.77	16.84	18
		25	25	16.73	16.71	16.81	18
		50	0	16.84	16.82	16.61	18
	16QAM	1	0	16.91	16.85	16.85	18
		1	24	16.87	16.86	16.85	18
		1	49	16.75	16.71	16.74	18
		25	0	16.78	16.76	16.77	18
		25	12	16.89	16.84	16.84	18
		25	25	16.69	16.71	16.84	18
		50	0	16.86	16.80	16.56	18
	64QAM	1	0	16.64	16.86	16.79	18
		1	24	16.83	16.83	16.68	18
		1	49	16.75	16.59	16.65	18
		25	0	16.74	16.57	16.79	18
		25	12	16.77	16.65	16.55	18
		25	25	16.65	16.55	16.56	18
		50	0	16.69	16.62	16.65	18
	256QAM	1	0	16.83	16.51	16.68	18
		1	24	16.76	16.80	16.57	18
		1	49	16.75	16.72	16.52	18
		25	0	16.91	16.68	16.44	18
		25	12	16.64	16.58	16.65	18
		25	25	16.77	16.47	16.52	18
		50	0	16.79	16.58	16.77	18
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	16.74	16.82	16.74	18
		1	12	16.81	16.73	16.78	18
		1	24	16.59	16.65	16.74	18
		12	0	16.78	16.75	16.87	18
		12	6	16.75	16.66	16.76	18
		12	13	16.72	16.61	16.67	18
		25	0	16.77	16.82	16.59	18
	16QAM	1	0	16.80	16.69	16.76	18
		1	12	16.79	16.77	16.76	18
		1	24	16.64	16.68	16.71	18
		12	0	16.87	16.69	16.83	18
		12	6	16.67	16.62	16.83	18
		12	13	16.71	16.61	16.73	18
		25	0	16.80	16.74	16.56	18
	64QAM	1	0	16.83	16.84	16.74	18
		1	12	16.72	16.75	16.84	18
		1	24	16.60	16.65	16.66	18
		12	0	16.75	16.75	16.67	18
		12	6	16.87	16.81	16.78	18
		12	13	16.66	16.69	16.62	18
		25	0	16.84	16.74	16.45	18
	256QAM	1	0	16.68	16.47	16.67	18
		1	12	16.68	16.56	16.55	18
		1	24	16.66	16.63	16.40	18
		12	0	16.89	16.59	16.43	18
		12	6	16.58	16.51	16.59	18
		12	13	16.67	16.41	16.50	18
		25	0	16.68	16.47	16.69	18
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	16.78	16.73	16.76	18
		1	7	16.80	16.81	16.86	18
		1	14	16.53	16.69	16.67	18
		8	0	16.80	16.68	16.79	18
		8	3	16.78	16.76	16.69	18
		8	7	16.66	16.58	16.68	18
		15	0	16.76	16.75	16.52	18
	16QAM	1	0	16.77	16.76	16.74	18
		1	7	16.92	16.75	16.84	18
		1	14	16.55	16.71	16.68	18
		8	0	16.62	16.72	16.77	18
		8	3	16.77	16.64	16.71	18
		8	7	16.67	16.63	16.78	18
		15	0	16.76	16.69	16.55	18
	64QA

LTE DSI5

LTE Band 7_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	20.79	20.81	**20.86**	21
		1	50	20.73	20.75	20.79	21
		1	99	20.68	20.60	20.38	21
		50	0	20.76	20.74	20.82	21
		50	25	20.72	20.69	20.60	21
		50	50	20.63	20.70	20.55	21
		100	0	20.75	20.69	20.83	21
	16QAM	1	0	20.52	20.67	20.56	21
		1	50	20.63	20.58	20.58	21
		1	99	20.46	20.39	20.71	21
		50	0	20.49	20.34	20.59	21
		50	25	20.65	20.72	20.81	21
		50	50	20.60	20.57	20.50	21
		100	0	20.72	20.52	20.55	21
	64QAM	1	0	20.47	20.57	20.69	21
		1	50	20.41	20.64	20.64	21
		1	99	20.53	20.45	20.29	21
		50	0	20.77	20.75	20.74	21
		50	25	20.79	20.67	20.74	21
		50	50	20.74	20.45	20.67	21
		100	0	20.46	20.59	20.58	21
	256QAM	1	0	18.88	18.79	18.87	19
		1	50	18.83	18.92	18.89	19
		1	99	18.74	18.91	18.82	19
		50	0	18.81	18.81	18.93	19
		50	25	18.66	18.75	18.77	19
		50	50	18.59	18.72	18.80	19
		100	0	18.85	18.88	18.82	19
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	20.77	20.74	20.71	21
		1	37	20.62	20.65	20.67	21
		1	74	20.65	20.47	20.36	21
		36	0	20.74	20.71	20.70	21
		36	19	20.62	20.68	20.52	21
		36	39	20.61	20.65	20.43	21
		75	0	20.63	20.63	20.75	21
	16QAM	1	0	20.39	20.66	20.53	21
		1	37	20.59	20.47	20.56	21
		1	74	20.35	20.27	20.60	21
		36	0	20.48	20.24	20.50	21
		36	19	20.61	20.64	20.67	21
		36	39	20.55	20.55	20.40	21
		75	0	20.59	20.45	20.43	21
	64QAM	1	0	20.34	20.50	20.64	21
		1	37	20.27	20.50	20.63	21
		1	74	20.44	20.38	20.18	21
		36	0	20.67	20.71	20.73	21
		36	19	20.64	20.56	20.63	21
		36	39	20.70	20.31	20.54	21
		75	0	20.37	20.44	20.57	21
	256QAM	1	0	18.77	18.74	18.76	19
		1	37	18.69	18.90	18.79	19
		1	74	18.72	18.78	18.80	19
		36	0	18.72	18.75	18.92	19
		36	19	18.51	18.74	18.75	19
		36	39	18.47	18.70	18.74	19
		75	0	18.83	18.84	18.72	19
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	20.74	20.68	20.76	21
		1	24	20.66	20.65	20.71	21
		1	49	20.66	20.56	20.26	21
		25	0	20.63	20.71	20.73	21
		25	12	20.61	20.63	20.46	21
		25	25	20.49	20.56	20.43	21
		50	0	20.73	20.64	20.82	21
	16QAM	1	0	20.41	20.57	20.42	21
		1	24	20.54	20.51	20.49	21
		1	49	20.44	20.38	20.58	21
		25	0	20.43	20.22	20.46	21
		25	12	20.53	20.71	20.78	21
		25	25	20.47	20.47	20.44	21
		50	0	20.68	20.48	20.49	21
	64QAM	1	0	20.42	20.43	20.62	21
		1	24	20.36	20.52	20.55	21
		1	49	20.46	20.44	20.23	21
		25	0	20.63	20.69	20.72	21
		25	12	20.68	20.53	20.60	21
		25	25	20.61	20.38	20.61	21
		50	0	20.35	20.55	20.50	21
	256QAM	1	0	18.74	18.74	18.85	19
		1	24	18.69	18.79	18.74	19
		1	49	18.72	18.81	18.76	19
		25	0	18.73	18.80	18.81	19
		25	12	18.57	18.71	18.66	19
		25	25	18.50	18.66	18.65	19
		50	0	18.83	18.86	18.76	19
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	20.67	20.77	20.78	21
		1	12	20.60	20.73	20.67	21
		1	24	20.62	20.46	20.30	21
		12	0	20.72	20.68	20.72	21
		12	6	20.67	20.56	20.49	21
		12	13	20.54	20.65	20.45	21
		25	0	20.62	20.65	20.68	21
	16QAM	1	0	20.38	20.57	20.49	21
		1	12	20.48	20.46	20.54	21
		1	24	20.33	20.35	20.60	21
		12	0	20.34	20.25	20.45	21
		12	6	20.55	20.71	20.78	21
		12	13	20.47	20.50	20.39	21
		25	0	20.64	20.44	20.54	21
	64QAM	1	0	20.46	20.55	20.67	21
		1	12	20.35	20.55	20.63	21
		1	24	20.48	20.32	20.16	21
		12	0	20.69	20.73	20.61	21
		12	6	20.69	20.60	20.69	21
		12	13	20.61	20.39	20.64	21
		25	0	20.42	20.55	20.50	21
	256QAM	1	0	18.78	18.78	18.76	19
		1	12	18.74	18.79	18.76	19
		1	24	18.59	18.90	18.69	19
		12	0	18.78	18.71	18.87	19
		12	6	18.52	18.72	18.71	19
		12	13	18.56	18.63	18.66	19
		25	0	18.71	18.79	18.68	19

LTE Band 7_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	15.19	**15.26**	15.17	16
		1	50	15.14	15.18	15.12	16
		1	99	15.06	15.04	15.13	16
		50	0	15.09	15.17	15.15	16
		50	25	15.03	15.03	15.13	16
		50	50	15.04	14.98	15.11	16
		100	0	15.21	15.24	14.98	16
	16QAM	1	0	14.81	15.13	15.03	16
		1	50	14.86	15.05	14.93	16
		1	99	15.06	14.89	14.96	16
		50	0	14.92	14.85	15.12	16
		50	25	14.99	14.84	14.97	16
		50	50	14.95	14.88	14.88	16
		100	0	14.93	14.98	14.92	16
	64QAM	1	0	15.01	14.99	14.78	16
		1	50	14.87	14.99	15.14	16
		1	99	15.00	14.91	15.04	16
		50	0	14.95	14.78	14.87	16
		50	25	14.96	15.14	14.89	16
		50	50	15.03	15.08	15.06	16
		100	0	15.03	14.82	14.93	16
	256QAM	1	0	15.12	14.79	14.94	16
		1	50	15.04	14.96	14.78	16
		1	99	15.03	14.98	14.80	16
		50	0	15.10	14.86	14.81	16
		50	25	14.87	14.93	14.83	16
		50	50	15.00	14.80	14.85	16
		100	0	15.02	14.90	15.12	16
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	15.17	15.20	15.05	16
		1	37	15.10	15.09	15.06	16
		1	74	14.95	15.03	15.06	16
		36	0	14.96	15.09	15.03	16
		36	19	14.90	14.97	15.10	16
		36	39	14.92	14.86	15.01	16
		75	0	15.06	15.10	14.85	16
	16QAM	1	0	14.72	15.07	14.89	16
		1	37	14.78	14.94	14.78	16
		1	74	14.96	14.79	14.94	16
		36	0	14.77	14.74	14.99	16
		36	19	14.86	14.81	14.94	16
		36	39	14.83	14.74	14.86	16
		75	0	14.81	14.90	14.86	16
	64QAM	1	0	14.88	14.87	14.69	16
		1	37	14.79	14.97	14.99	16
		1	74	14.98	14.77	15.03	16
		36	0	14.89	14.65	14.85	16
		36	19	14.88	15.02	14.88	16
		36	39	14.90	14.98	14.94	16
		75	0	14.88	14.89	14.91	16
	256QAM	1	0	14.97	14.76	14.93	16
		1	37	14.95	14.92	14.68	16
		1	74	15.02	14.88	14.65	16
		36	0	14.98	14.79	14.69	16
		36	19	14.78	14.85	14.78	16
		36	39	14.90	14.72	14.73	16
		75	0	14.98	14.89	15.10	16
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	15.06	15.12	15.15	16
		1	24	15.09	15.13	15.02	16
		1	49	14.97	14.93	15.04	16
		25	0	15.03	15.06	15.00	16
		25	12	14.95	14.92	15.12	16
		25	25	14.92	14.92	14.97	16
		50	0	15.12	15.17	14.93	16
	16QAM	1	0	14.71	15.06	14.93	16
		1	24	14.83	15.04	14.87	16
		1	49	15.03	14.84	14.94	16
		25	0	14.82	14.73	15.00	16
		25	12	14.95	14.78	14.85	16
		25	25	14.88	14.75	14.87	16
		50	0	14.87	14.96	14.77	16
	64QAM	1	0	14.99	14.90	14.66	16
		1	24	14.82	14.84	15.01	16
		1	49	14.94	14.80	15.03	16
		25	0	14.84	14.67	14.74	16
		25	12	14.87	15.09	14.77	16
		25	25	14.88	15.06	14.94	16
		50	0	14.92	14.75	14.81	16
	256QAM	1	0	15.06	14.69	14.86	16
		1	24	15.00	14.85	14.68	16
		1	49	14.97	14.86	14.70	16
		25	0	14.95	14.79	14.79	16
		25	12	14.79	14.81	14.77	16
		25	25	14.94	14.67	14.74	16
		50	0	14.87	14.89	15.10	16
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	15.12	15.21	15.10	16
		1	12	15.07	15.07	15.09	16
		1	24	14.97	15.03	15.04	16
		12	0	15.03	15.06	15.01	16
		12	6	14.88	14.97	15.12	16
		12	13	14.95	14.85	15.05	16
		25	0	15.18	15.11	14.96	16
	16QAM	1	0	14.68	15.08	14.98	16
		1	12	14.74	14.92	14.87	16
		1	24	14.99	14.81	14.89	16
		12	0	14.89	14.82	15.01	16
		12	6	14.89	14.73	14.87	16
		12	13	14.81	14.73	14.76	16
		25	0	14.80	14.97	14.85	16
	64QAM	1	0	14.98	14.87	14.69	16
		1	12	14.72	14.91	15.10	16
		1	24	14.97	14.85	14.93	16
		12	0	14.80	14.77	14.78	16
		12	6	14.81	15.03	14.78	16
		12	13	15.02	15.06	14.91	16
		25	0	15.01	14.74	14.80	16
	256QAM	1	0	15.05	14.75	14.84	16
		1	12	14.96	14.92	14.64	16
		1	24	14.88	14.96	14.73	16
		12	0	15.09	14.73	14.79	16
		12	6	14.75	14.86	14.71	16
		12	13	14.86	14.73	14.83	16
		25	0	14.99	14.79	15.08	16

LTE Band 7_Ant2 For DSDA

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	12.71	**12.81**	12.67	13.5
		1	50	12.61	12.74	12.65	13.5
		1	99	12.55	12.48	12.62	13.5
		50	0	12.61	12.65	12.62	13.5
		50	25	12.56	12.55	12.58	13.5
		50	50	12.59	12.51	12.57	13.5
		100	0	12.73	12.79	12.50	13.5
	16QAM	1	0	12.77	12.77	12.64	13.5
		1	50	12.72	12.74	12.57	13.5
		1	99	12.51	12.53	12.58	13.5
		50	0	12.60	12.75	12.61	13.5
		50	25	12.60	12.48	12.57	13.5
		50	50	12.62	12.53	12.65	13.5
		100	0	12.65	12.76	12.53	13.5
	64QAM	1	0	12.36	12.65	12.50	13.5
		1	50	12.34	12.60	12.37	13.5
		1	99	12.64	12.43	12.54	13.5
		50	0	12.38	12.38	12.66	13.5
		50	25	12.51	12.29	12.55	13.5
		50	50	12.50	12.32	12.34	13.5
		100	0	12.49	12.48	12.42	13.5
	256QAM	1	0	12.64	12.23	12.41	13.5
		1	50	12.60	12.46	12.26	13.5
		1	99	12.50	12.47	12.35	13.5
		50	0	12.66	12.43	12.36	13.5
		50	25	12.42	12.48	12.33	13.5
		50	50	12.46	12.38	12.31	13.5
		100	0	12.51	12.47	12.66	13.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	12.61	12.66	12.60	13.5
		1	37	12.57	12.59	12.53	13.5
		1	74	12.52	12.39	12.60	13.5
		36	0	12.50	12.57	12.60	13.5
		36	19	12.49	12.41	12.52	13.5
		36	39	12.54	12.39	12.55	13.5
		75	0	12.61	12.64	12.47	13.5
	16QAM	1	0	12.57	12.75	12.56	13.5
		1	37	12.53	12.63	12.50	13.5
		1	74	12.43	12.37	12.58	13.5
		36	0	12.53	12.61	12.53	13.5
		36	19	12.48	12.42	12.54	13.5
		36	39	12.44	12.49	12.49	13.5
		75	0	12.63	12.66	12.44	13.5
	64QAM	1	0	12.64	12.63	12.49	13.5
		1	37	12.58	12.63	12.48	13.5
		1	74	12.50	12.41	12.43	13.5
		36	0	12.49	12.71	12.53	13.5
		36	19	12.49	12.44	12.55	13.5
		36	39	12.58	12.40	12.56	13.5
		75	0	12.55	12.63	12.42	13.5
	256QAM	1	0	12.57	12.12	12.32	13.5
		1	37	12.49	12.45	12.17	13.5
		1	74	12.36	12.37	12.23	13.5
		36	0	12.55	12.36	12.26	13.5
		36	19	12.31	12.34	12.30	13.5
		36	39	12.36	12.36	12.29	13.5
		75	0	12.48	12.43	12.54	13.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	12.69	12.71	12.64	13.5
		1	24	12.52	12.59	12.52	13.5
		1	49	12.48	12.36	12.49	13.5
		25	0	12.54	12.50	12.47	13.5
		25	12	12.46	12.40	12.44	13.5
		25	25	12.48	12.40	12.47	13.5
		50	0	12.61	12.70	12.48	13.5
	16QAM	1	0	12.68	12.66	12.65	13.5
		1	24	12.49	12.65	12.55	13.5
		1	49	12.42	12.46	12.52	13.5
		25	0	12.53	12.52	12.58	13.5
		25	12	12.53	12.43	12.56	13.5
		25	25	12.45	12.46	12.46	13.5
		50	0	12.70	12.78	12.37	13.5
	64QAM	1	0	12.67	12.67	12.58	13.5
		1	24	12.62	12.70	12.55	13.5
		1	49	12.43	12.38	12.53	13.5
		25	0	12.47	12.61	12.53	13.5
		25	12	12.52	12.40	12.45	13.5
		25	25	12.55	12.45	12.51	13.5
		50	0	12.56	12.66	12.52	13.5
	256QAM	1	0	12.62	12.16	12.30	13.5
		1	24	12.52	12.37	12.23	13.5
		1	49	12.35	12.33	12.27	13.5
		25	0	12.54	12.34	12.32	13.5
		25	12	12.33	12.38	12.27	13.5
		25	25	12.39	12.23	12.29	13.5
		50	0	12.42	12.36	12.55	13.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	12.60	12.68	12.54	13.5
		1	12	12.59	12.59	12.53	13.5
		1	24	12.51	12.35	12.58	13.5
		12	0	12.54	12.56	12.60	13.5
		12	6	12.41	12.44	12.45	13.5
		12	13	12.45	12.43	12.51	13.5
		25	0	12.69	12.76	12.40	13.5
	16QAM	1	0	12.69	12.74	12.65	13.5
		1	12	12.46	12.67	12.62	13.5
		1	24	12.53	12.36	12.59	13.5
		12	0	12.46	12.53	12.48	13.5
		12	6	12.43	12.54	12.54	13.5
		12	13	12.51	12.40	12.51	13.5
		25	0	12.63	12.77	12.35	13.5
	64QAM	1	0	12.64	12.67	12.63	13.5
		1	12	12.59	12.60	12.49	13.5
		1	24	12.46	12.38	12.46	13.5
		12	0	12.47	12.60	12.51	13.5
		12	6	12.54	12.35	12.43	13.5
		12	13	12.61	12.45	12.50	13.5
		25	0	12.51	12.69	12.40	13.5
	256QAM	1	0	12.49	12.19	12.38	13.5
		1	12	12.47	12.34	12.19	13.5
		1	24	12.46	12.40	12.33	13.5
		12	0	12.59	12.34	12.26	13.5
		12	6	12.36	12.35	12.31	13.5
		12	13	12.40	12.36	12.19	13.5
		25	0	12.49	12.41	12.56	13.5

LTE DSI5

LTE Band 7_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	16.98	16.93	16.95	18.5
		1	50	17.06	**17.19**	17.01	18.5
		1	99	16.83	16.98	16.88	18.5
		50	0	16.98	17.15	17.06	18.5
		50	25	16.92	16.99	17.00	18.5
		50	50	16.83	16.74	16.81	18.5
		100	0	17.01	17.07	16.92	18.5
	16QAM	1	0	16.69	17.09	16.76	18.5
		1	50	16.77	16.97	16.80	18.5
		1	99	16.91	16.75	16.80	18.5
		50	0	16.78	16.62	16.91	18.5
		50	25	16.83	16.70	16.79	18.5
		50	50	16.77	16.67	16.69	18.5
		100	0	16.78	16.72	16.83	18.5
	64QAM	1	0	16.95	16.89	16.73	18.5
		1	50	16.74	16.75	16.96	18.5
		1	99	16.88	16.73	16.79	18.5
		50	0	16.79	16.51	16.72	18.5
		50	25	16.79	17.05	16.69	18.5
		50	50	16.88	16.97	16.88	18.5
		100	0	16.86	16.77	16.73	18.5
	256QAM	1	0	16.90	16.67	16.65	18.5
		1	50	16.87	16.80	16.63	18.5
		1	99	16.81	16.84	16.52	18.5
		50	0	16.92	16.65	16.66	18.5
		50	25	16.67	16.66	16.62	18.5
		50	50	16.86	16.59	16.66	18.5
		100	0	16.81	16.76	17.03	18.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	16.95	16.78	16.94	18.5
		1	37	16.94	17.14	16.99	18.5
		1	74	16.72	16.83	16.76	18.5
		36	0	16.81	17.00	16.93	18.5
		36	19	16.83	16.93	16.91	18.5
		36	39	16.79	16.68	16.79	18.5
		75	0	16.91	16.97	16.79	18.5
	16QAM	1	0	16.63	16.95	16.70	18.5
		1	37	16.62	16.88	16.69	18.5
		1	74	16.81	16.62	16.77	18.5
		36	0	16.71	16.77	16.80	18.5
		36	19	16.77	16.59	16.75	18.5
		36	39	16.62	16.56	16.67	18.5
		75	0	16.77	16.69	16.82	18.5
	64QAM	1	0	16.89	16.87	16.58	18.5
		1	37	16.71	16.72	16.86	18.5
		1	74	16.73	16.61	16.77	18.5
		36	0	16.78	16.83	16.70	18.5
		36	19	16.64	16.92	16.56	18.5
		36	39	16.80	16.92	16.86	18.5
		75	0	16.83	16.76	16.70	18.5
	256QAM	1	0	16.84	16.55	16.56	18.5
		1	37	16.79	16.77	16.52	18.5
		1	74	16.80	16.79	16.91	18.5
		36	0	16.88	16.53	16.63	18.5
		36	19	16.57	16.61	16.58	18.5
		36	39	16.72	16.78	16.59	18.5
		75	0	16.71	16.68	16.92	18.5
BW	Modulation	Channel		20850	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	16.97	16.79	16.84	18.5
		1	24	16.95	17.14	16.98	18.5
		1	49	16.78	16.88	16.79	18.5
		25	0	16.94	17.01	16.92	18.5
		25	12	16.88	16.91	16.87	18.5
		25	25	16.74	16.65	16.72	18.5
		50	0	17.00	16.94	16.72	18.5
	16QAM	1	0	16.59	16.99	16.64	18.5
		1	24	16.62	16.89	16.67	18.5
		1	49	16.82	16.61	16.79	18.5
		25	0	16.70	16.67	16.90	18.5
		25	12	16.81	16.66	16.73	18.5
		25	25	16.71	16.62	16.58	18.5
		50	0	16.70	16.59	16.74	18.5
	64QAM	1	0	16.84	16.75	16.69	18.5
		1	24	16.68	16.66	16.83	18.5
		1	49	16.73	16.65	16.73	18.5
		25	0	16.73	16.84	16.63	18.5
		25	12	16.64	16.92	16.62	18.5
		25	25	16.83	16.87	16.87	18.5
		50	0	16.72	16.75	16.68	18.5
	256QAM	1	0	16.80	16.61	16.59	18.5
		1	24	16.86	16.77	16.61	18.5
		1	49	16.69	16.74	16.76	18.5
		25	0	16.89	16.57	16.60	18.5
		25	12	16.58	16.55	16.56	18.5
		25	25	16.78	16.84	16.55	18.5
		50	0	16.68	16.61	16.94	18.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	16.83	16.92	16.93	18.5
		1	12	16.96	17.09	16.89	18.5
		1	24	16.79	16.93	16.85	18.5
		12	0	16.82	17.04	16.95	18.5
		12	6	16.81	16.97	16.94	18.5
		12	13	16.75	16.75	16.80	18.5
		25	0	17.00	16.92	16.78	18.5
	16QAM	1	0	16.64	17.02	16.71	18.5
		1	12	16.62	16.84	16.69	18.5
		1	24	16.78	16.64	16.72	18.5
		12	0	16.76	16.89	16.80	18.5
		12	6	16.68	16.59	16.78	18.5
		12	13	16.64	16.64	16.63	18.5
		25	0	16.67	16.68	16.75	18.5
	64QAM	1	0	16.91	16.87	16.68	18.5
		1	12	16.70	16.68	16.87	18.5
		1	24	16.82	16.70	16.73	18.5
		12	0	16.64	16.64	16.60	18.5
		12	6	16.66	17.03	16.63	18.5
		12	13	16.74	16.85	16.77	18.5
		25	0	16.78	16.68	16.70	18.5
	256QAM	1	0	16.87	16.55	16.57	18.5
		1	12	16.81	16.76	16.59	18.5
		1	24	16.71	16.82	16.55	18.5
		12	0	16.83	16.61	16.53	18.5
		12	6	16.64	16.52	16.60	18.5
		12	13	16.79	16.63	16.62	18.5
		25	0	16.80	16.68	16.86	18.5

LTE Band 7_Ant3 For DSDA

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	16.04	15.96	16.02	17.5
		1	50	16.08	**16.27**	16.10	17.5
		1	99	15.83	15.99	15.88	17.5
		50	0	16.05	16.22	16.06	17.5
		50	25	16.01	16.08	16.03	17.5
		50	50	15.80	15.72	15.90	17.5
		100	0	16.08	16.10	15.82	17.5
	16QAM	1	0	16.03	15.92	16.01	17.5
		1	50	16.11	16.18	16.11	17.5
		1	99	15.87	15.95	15.85	17.5
		50	0	16.06	16.21	16.08	17.5
		50	25	15.89	16.04	16.10	17.5
		50	50	15.87	15.70	15.85	17.5
		100	0	16.06	16.17	15.84	17.5
	64QAM	1	0	15.78	16.05	15.72	17.5
		1	50	15.77	16.02	15.86	17.5
		1	99	15.94	15.77	15.79	17.5
		50	0	15.75	15.58	15.98	17.5
		50	25	15.89	15.72	15.86	17.5
		50	50	15.76	15.76	15.79	17.5
		100	0	15.76	15.81	15.87	17.5
	256QAM	1	0	15.87	15.69	15.73	17.5
		1	50	15.93	15.87	15.62	17.5
		1	99	15.89	15.86	15.54	17.5
		50	0	15.88	15.73	15.74	17.5
		50	25	15.64	15.69	15.63	17.5
		50	50	15.84	15.68	15.71	17.5
		100	0	15.86	15.78	16.11	17.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	15.96	15.82	15.92	17.5
		1	37	15.94	16.14	16.09	17.5
		1	74	15.74	15.91	15.81	17.5
		36	0	15.94	16.20	15.91	17.5
		36	19	15.87	15.99	15.89	17.5
		36	39	15.70	15.60	15.82	17.5
		75	0	15.98	16.03	15.68	17.5
	16QAM	1	0	15.93	15.90	15.94	17.5
		1	37	15.97	16.26	16.08	17.5
		1	74	15.74	15.87	15.86	17.5
		36	0	15.95	16.16	16.04	17.5
		36	19	15.95	15.96	15.90	17.5
		36	39	15.72	15.69	15.83	17.5
		75	0	15.99	16.06	15.70	17.5
	64QAM	1	0	15.96	15.81	15.96	17.5
		1	37	16.04	16.06	15.96	17.5
		1	74	15.80	15.92	15.71	17.5
		36	0	15.99	16.16	15.97	17.5
		36	19	15.76	15.95	15.97	17.5
		36	39	15.76	15.60	15.72	17.5
		75	0	16.04	16.08	15.81	17.5
	256QAM	1	0	15.74	15.66	15.59	17.5
		1	37	15.82	15.81	15.57	17.5
		1	74	15.87	15.81	15.53	17.5
		36	0	15.76	15.63	15.64	17.5
		36	19	15.53	15.62	15.51	17.5
		36	39	15.74	15.64	15.58	17.5
		75	0	15.81	15.73	16.02	17.5
BW	Modulation	Channel		20850	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	15.96	15.90	15.93	17.5
		1	24	15.93	16.20	16.05	17.5
		1	49	15.80	15.93	15.83	17.5
		25	0	16.00	16.21	16.01	17.5
		25	12	15.86	16.06	15.94	17.5
		25	25	15.79	15.69	15.82	17.5
		50	0	15.94	15.97	15.71	17.5
	16QAM	1	0	16.03	15.90	15.98	17.5
		1	24	15.98	16.17	15.95	17.5
		1	49	15.74	15.87	15.76	17.5
		25	0	16.03	16.12	15.98	17.5
		25	12	15.96	15.97	15.93	17.5
		25	25	15.79	15.61	15.87	17.5
		50	0	15.97	16.09	15.80	17.5
	64QAM	1	0	15.88	15.84	16.00	17.5
		1	24	16.07	16.15	16.00	17.5
		1	49	15.77	15.85	15.76	17.5
		25	0	16.00	16.13	15.97	17.5
		25	12	15.78	16.00	15.99	17.5
		25	25	15.72	15.66	15.79	17.5
		50	0	15.96	16.09	15.82	17.5
	256QAM	1	0	15.80	15.62	15.65	17.5
		1	24	15.80	15.75	15.47	17.5
		1	49	15.80	15.84	15.44	17.5
		25	0	15.74	15.65	15.72	17.5
		25	12	15.61	15.54	15.51	17.5
		25	25	15.71	15.65	15.68	17.5
		50	0	15.79	15.69	16.00	17.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	15.99	15.81	15.93	17.5
		1	12	16.00	16.26	16.06	17.5
		1	24	15.77	15.97	15.83	17.5
		12	0	15.99	16.21	15.92	17.5
		12	6	15.90	15.98	15.88	17.5
		12	13	15.79	15.83	15.94	17.5
		25	0	16.03	16.01	15.78	17.5
	16QAM	1	0	15.90	15.93	15.88	17.5
		1	12	16.02	16.21	15.99	17.5
		1	24	15.80	15.92	15.77	17.5
		12	0	15.98	16.17	15.97	17.5
		12	6	15.89	16.03	15.96	17.5
		12	13	15.71	15.59	15.84	17.5
		25	0	16.00	16.09	15.75	17.5
	64QAM	1	0	15.95	15.94	15.97	17.5
		1	12	16.01	16.04	15.99	17.5
		1	24	15.83	15.88	15.74	17.5
		12	0	15.99	16.07	16.01	17.5
		12	6	15.87	15.93	16.01	17.5
		12	13	15.73	15.65	15.82	17.5
		25	0	15.97	16.05	15.80	17.5
	256QAM	1	0	15.76	15.64	15.58	17.5
		1	12	15.80	15.80	15.47	17.5
		1	24	15.82	15.76	15.39	17.5
		12	0	15.86	15.93	15.61	17.5
		12	6	15.63	15.65	15.59	17.5
		12	13	15.77	15.66	15.58	17.5
		25	0	15.76	15.63	15.96	17.5

LTE Band 7_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	13.39	13.21	13.33	15
		1	50	13.58	**13.61**	13.46	15
		1	99	13.25	13.25	13.23	15
		50	0	13.37	13.53	13.36	15
		50	25	13.24	13.43	13.30	15
		50	50	13.30	13.12	13.20	15
		100	0	13.33	13.39	13.18	15
	16QAM	1	0	13.06	13.46	13.20	15
		1	50	13.15	13.28	13.16	15
		1	99	13.20	13.07	13.22	15
		50	0	13.12	13.19	13.33	15
		50	25	13.17	13.08	13.26	15
		50	50	13.04	13.05	13.14	15
		100	0	13.23	13.14	13.25	15
	64QAM	1	0	13.38	13.30	13.08	15
		1	50	13.10	13.23	13.30	15
		1	99	13.19	13.06	13.21	15
		50	0	13.19	13.25	13.13	15
		50	25	13.13	13.32	13.05	15
		50	50	13.30	13.31	13.34	15
		100	0	13.22	13.26	13.23	15
	256QAM	1	0	13.27	13.43	13.41	15
		1	50	13.26	13.29	13.51	15
		1	99	13.21	13.27	13.36	15
		50	0	13.27	13.33	13.10	15
		50	25	13.08	13.10	13.41	15
		50	50	13.18	13.30	13.53	15
		100	0	13.24	13.09	13.34	15
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	13.25	13.17	13.25	15
		1	37	13.44	13.60	13.39	15
		1	74	13.11	13.11	13.08	15
		36	0	13.15	13.50	13.24	15
		36	19	13.09	13.42	13.16	15
		36	39	13.16	13.03	13.16	15
		75	0	13.23	13.31	13.09	15
	16QAM	1	0	13.04	13.32	13.18	15
		1	37	13.02	13.27	13.14	15
		1	74	13.08	13.34	13.14	15
		36	0	13.09	13.16	13.08	15
		36	19	13.14	13.03	13.19	15
		36	39	13.02	13.01	13.06	15
		75	0	13.14	13.28	13.16	15
	64QAM	1	0	13.25	13.24	13.26	15
		1	37	13.07	13.19	13.27	15
		1	74	13.04	13.01	13.06	15
		36	0	13.05	13.12	13.08	15
		36	19	13.12	13.31	13.03	15
		36	39	13.15	13.21	13.22	15
		75	0	13.19	13.14	13.14	15
	256QAM	1	0	13.24	13.29	13.31	15
		1	37	13.25	13.21	13.42	15
		1	74	13.20	13.20	13.34	15
		36	0	13.19	13.25	13.41	15
		36	19	13.28	13.48	13.27	15
		36	39	13.12	13.29	13.39	15
		75	0	13.19	13.41	13.20	15
BW	Modulation	Channel		20850	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	13.38	13.13	13.22	15
		1	24	13.48	13.49	13.43	15
		1	49	13.10	13.10	13.11	15
		25	0	13.17	13.50	13.26	15
		25	12	13.15	13.33	13.26	15
		25	25	13.28	13.35	13.14	15
		50	0	13.32	13.29	13.13	15
	16QAM	1	0	13.19	13.32	13.14	15
		1	24	13.10	13.16	13.15	15
		1	49	13.18	13.01	13.17	15
		25	0	13.28	13.06	13.21	15
		25	12	13.15	13.47	13.20	15
		25	25	13.01	13.33	13.15	15
		50	0	13.19	13.13	13.11	15
	64QAM	1	0	13.37	13.29	13.37	15
		1	24	13.08	13.11	13.19	15
		1	49	13.10	13.29	13.19	15
		25	0	13.05	13.18	13.15	15
		25	12	13.06	13.25	13.41	15
		25	25	13.19	13.24	13.23	15
		50	0	13.08	13.22	13.19	15
	256QAM	1	0	13.22	13.36	13.27	15
		1	24	13.25	13.14	13.36	15
		1	49	13.18	13.19	13.22	15
		25	0	13.21	13.20	13.07	15
		25	12	13.33	13.42	13.26	15
		25	25	13.10	13.23	13.15	15
		50	0	13.11	13.29	13.24	15
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	13.34	13.10	13.25	15
		1	12	13.49	13.41	13.38	15
		1	24	13.22	13.18	13.12	15
		12	0	13.12	13.47	13.29	15
		12	6	13.17	13.40	13.28	15
		12	13	13.21	13.23	13.10	15
		25	0	13.25	13.34	13.17	15
	16QAM	1	0	13.16	13.45	13.19	15
		1	12	13.14	13.23	13.02	15
		1	24	13.10	13.22	13.13	15
		12	0	13.04	13.14	13.12	15
		12	6	13.03	13.19	13.12	15
		12	13	13.19	13.04	13.25	15
		25	0	13.13	13.01	13.12	15
	64QAM	1	0	13.24	13.27	13.04	15
		1	12	13.07	13.20	13.23	15
		1	24	13.06	13.22	13.06	15
		12	0	13.18	13.13	13.23	15
		12	6	13.03	13.20	13.01	15
		12	13	13.25	13.21	13.28	15
		25	0	13.11	13.18	13.20	15
	256QAM	1	0	13.17	13.41	13.40	15
		1	12	13.25	13.23	13.44	15
		1	24	13.10	13.22	13.33	15
		12	0	13.20	13.20	13.20	15
		12	6	13.24	13.21	13.36	15
		12	13	13.11	13.18	13.43	15
		25	0	13.11	13.01	13.30	15

LTE Band 7_Ant4 For DSDA&ENDC

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	11.89	11.80	11.81	13.5
		1	50	12.18	**12.19**	12.00	13.5
		1	99	11.72	11.72	11.71	13.5
		50	0	11.87	12.05	11.91	13.5
		50	25	11.76	11.98	11.78	13.5
		50	50	11.82	11.64	11.80	13.5
		100	0	11.87	11.94	11.76	13.5
	16QAM	1	0	11.90	11.79	11.84	13.5
		1	50	12.04	12.15	12.02	13.5
		1	99	11.78	11.71	11.80	13.5
		50	0	11.73	12.12	11.82	13.5
		50	25	11.71	11.93	11.78	13.5
		50	50	11.82	11.67	11.75	13.5
		100	0	11.91	11.93	11.73	13.5
	64QAM	1	0	11.59	11.95	11.75	13.5
		1	50	11.68	11.77	11.72	13.5
		1	99	11.72	11.64	11.79	13.5
		50	0	11.71	11.72	11.83	13.5
		50	25	11.66	11.57	11.81	13.5
		50	50	11.59	11.55	11.63	13.5
		100	0	11.83	11.62	11.76	13.5
	256QAM	1	0	11.85	11.92	12.01	13.5
		1	50	11.73	11.75	12.10	13.5
		1	99	11.80	11.78	11.84	13.5
		50	0	11.76	11.83	11.58	13.5
		50	25	11.54	11.57	12.00	13.5
		50	50	11.69	11.82	12.01	13.5
		100	0	11.84	11.67	11.82	13.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	11.82	11.67	11.79	13.5
		1	37	12.12	12.10	11.88	13.5
		1	74	11.65	11.66	11.70	13.5
		36	0	11.72	11.94	11.79	13.5
		36	19	11.67	11.89	11.68	13.5
		36	39	11.74	11.53	11.72	13.5
		75	0	11.79	11.88	11.61	13.5
	16QAM	1	0	11.78	11.78	11.69	13.5
		1	37	11.97	12.09	11.97	13.5
		1	74	11.77	11.58	11.70	13.5
		36	0	11.68	11.88	11.70	13.5
		36	19	11.68	11.86	11.63	13.5
		36	39	11.70	11.58	11.60	13.5
		75	0	11.78	11.80	11.63	13.5
	64QAM	1	0	11.46	11.93	11.71	13.5
		1	37	11.63	11.64	11.65	13.5
		1	74	11.71	11.50	11.77	13.5
		36	0	11.57	11.68	11.73	13.5
		36	19	11.64	11.48	11.60	13.5
		36	39	11.55	11.52	11.54	13.5
		75	0	11.77	11.58	11.68	13.5
	256QAM	1	0	11.75	11.79	11.90	13.5
		1	37	11.69	11.73	12.03	13.5
		1	74	11.69	11.75	11.70	13.5
		36	0	11.64	11.80	11.44	13.5
		36	19	11.46	11.43	11.92	13.5
		36	39	11.55	11.78	11.97	13.5
		75	0	11.73	11.56	11.69	13.5
BW	Modulation	Channel		20850	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	11.74	11.76	11.80	13.5
		1	24	12.11	12.13	11.85	13.5
		1	49	11.57	11.67	11.62	13.5
		25	0	11.85	12.02	11.78	13.5
		25	12	11.75	11.86	11.67	13.5
		25	25	11.76	11.55	11.79	13.5
		50	0	11.81	11.92	11.70	13.5
	16QAM	1	0	11.76	11.72	11.74	13.5
		1	24	11.92	12.02	11.95	13.5
		1	49	11.65	11.65	11.76	13.5
		25	0

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LTE Band 26_Ant0							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		26765	26865	26965	
		Frequency (MHz)		821.5	831.5	841.5	
15M	QPSK	1	0	25.16	25.13	25.15	25.5
		1	37	25.21	25.14	25.20	25.5
		1	74	25.09	25.07	25.06	25.5
		36	0	24.18	24.20	24.16	24.5
		36	19	24.25	24.24	24.20	24.5
		36	39	24.10	24.17	24.14	24.5
		75	0	24.19	24.11	24.16	24.5
	16QAM	1	0	24.43	24.41	24.36	24.5
		1	37	24.17	24.09	24.14	24.5
		1	74	24.14	24.08	24.08	24.5
		36	0	23.23	23.09	23.20	23.5
		36	19	23.16	23.05	23.06	23.5
		36	39	23.10	23.03	22.98	23.5
		75	0	23.19	23.04	23.04	23.5
	64QAM	1	0	23.32	23.27	23.18	23.5
		1	37	23.50	23.35	23.43	23.5
		1	74	23.23	23.22	23.11	23.5
		36	0	22.27	22.12	22.20	22.5
		36	19	22.22	22.17	22.07	22.5
		36	39	22.17	22.13	22.09	22.5
		75	0	22.15	22.14	22.05	22.5
	256QAM	1	0	20.46	20.34	20.31	20.5
		1	37	20.28	20.14	20.15	20.5
		1	74	20.43	20.35	20.35	20.5
		36	0	20.24	20.22	20.13	20.5
		36	19	20.23	20.18	20.22	20.5
		36	39	20.14	20.03	20.06	20.5
		75	0	20.13	20.10	20.07	20.5
BW	Modulation	Channel		26740	26865	26990	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844	
10M	QPSK	1	0	25.06	25.06	25.04	25.5
		1	24	25.12	25.11	25.06	25.5
		1	49	25.04	24.93	24.94	25.5
		25	0	24.16	24.07	24.08	24.5
		25	12	24.20	24.20	24.19	24.5
		25	25	23.95	24.09	24.02	24.5
		50	0	24.16	24.04	24.13	24.5
	16QAM	1	0	24.41	24.36	24.26	24.5
		1	24	24.09	23.95	24.10	24.5
		1	49	24.08	23.96	24.00	24.5
		25	0	23.10	23.02	23.07	23.5
		25	12	23.09	22.99	22.95	23.5
		25	25	23.04	22.92	22.92	23.5
		50	0	23.07	22.96	22.94	23.5
	64QAM	1	0	23.31	23.26	23.13	23.5
		1	24	23.40	23.22	23.31	23.5
		1	49	23.20	23.08	22.97	23.5
		25	0	22.25	22.03	22.05	22.5
		25	12	22.17	22.16	22.02	22.5
		25	25	22.13	22.02	22.03	22.5
		50	0	22.09	22.10	21.97	22.5
	256QAM	1	0	20.33	20.20	20.17	20.5
		1	24	20.19	20.07	20.02	20.5
		1	49	20.39	20.28	20.31	20.5
		25	0	20.14	20.17	20.12	20.5
		25	12	20.19	20.16	20.15	20.5
		25	25	20.13	19.89	20.01	20.5
		50	0	20.07	19.96	20.02	20.5
BW	Modulation	Channel		26715	26865	27015	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5	
5M	QPSK	1	0	25.02	25.09	25.14	25.5
		1	12	25.08	25.01	25.19	25.5
		1	24	24.99	25.02	24.97	25.5
		12	0	24.08	24.09	24.07	24.5
		12	6	24.14	24.16	24.08	24.5
		12	13	24.03	24.05	24.02	24.5
		25	0	24.08	24.07	24.07	24.5
	16QAM	1	0	24.33	24.33	24.26	24.5
		1	12	24.08	24.03	24.09	24.5
		1	24	23.99	23.93	23.99	24.5
		12	0	23.21	23.04	23.09	23.5
		12	6	23.03	23.03	23.03	23.5
		12	13	23.00	22.98	22.88	23.5
		25	0	23.18	23.01	23.01	23.5
	64QAM	1	0	23.31	23.24	23.11	23.5
		1	12	23.42	23.22	23.40	23.5
		1	24	23.20	23.21	23.09	23.5
		12	0	22.16	22.00	22.10	22.5
		12	6	22.17	22.12	22.00	22.5
		12	13	22.13	22.04	22.01	22.5
		25	0	22.12	22.05	22.04	22.5
	256QAM	1	0	20.39	20.22	20.27	20.5
		1	12	20.14	20.05	20.09	20.5
		1	24	20.35	20.32	20.28	20.5
		12	0	20.18	20.09	20.02	20.5
		12	6	20.08	20.09	20.12	20.5
		12	13	20.06	19.90	20.01	20.5
		25	0	20.04	19.96	19.93	20.5
BW	Modulation	Channel		26705	26865	27025	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5	
3M	QPSK	1	0	25.15	25.08	25.13	25.5
		1	7	25.15	25.07	25.06	25.5
		1	14	24.95	25.00	24.91	25.5
		8	0	24.11	24.14	24.01	24.5
		8	3	24.12	24.16	24.18	24.5
		8	7	23.99	24.14	24.04	24.5
		15	0	24.08	24.00	24.08	24.5
	16QAM	1	0	24.29	24.37	24.22	24.5
		1	7	24.13	23.98	23.99	24.5
		1	14	24.05	23.95	23.97	24.5
		8	0	23.13	23.02	23.11	23.5
		8	3	23.10	23.03	22.97	23.5
		8	7	23.00	22.95	22.85	23.5
		15	0	23.18	22.90	22.97	23.5
	64QAM	1	0	23.20	23.21	23.11	23.5
		1	7	23.45	23.22	23.30	23.5
		1	14	23.19	23.16	23.08	23.5
		8	0	22.26	22.11	22.10	22.5
		8	3	22.12	22.14	21.98	22.5
		8	7	22.04	22.01	22.03	22.5
		15	0	22.02	22.11	21.93	22.5
	256QAM	1	0	20.43	20.29	20.26	20.5
		1	7	20.25	20.08	20.08	20.5
		1	14	20.37	20.29	20.33	20.5
		8	0	20.09	20.14	19.99	20.5
		8	3	20.11	20.08	20.08	20.5
		8	7	20.02	19.92	19.97	20.5
		15	0	20.05	20.04	19.97	20.5
BW	Modulation	Channel		26697	26865	27033	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3	
1.4M	QPSK	1	0	25.12	25.11	25.14	25.5
		1	2	25.18	25.00	25.08	25.5
		1	5	24.97	24.95	24.99	25.5
		3	0	24.93	24.87	24.88	25.5
		3	1	24.92	24.96	24.87	25.5
		3	3	24.74	24.89	24.88	25.5
		6	0	24.12	24.00	24.05	24.5
	16QAM	1	0	24.38	24.38	24.34	24.5
		1	2	24.05	24.04	24.10	24.5
		1	5	24.13	24.02	24.05	24.5
		3	0	23.94	23.78	23.93	24.5
		3	1	23.84	23.68	23.83	24.5
		3	3	23.76	23.78	23.73	24.5
		6	0	23.07	22.90	22.92	23.5
	64QAM	1	0	23.27	23.25	23.15	23.5
		1	2	23.35	23.24	23.33	23.5
		1	5	23.22	23.14	23.08	23.5
		3	0	22.90	22.82	22.84	23.5
		3	1	22.89	22.92	22.70	23.5
		3	3	22.94	22.89	22.79	23.5
		6	0	22.07	22.02	21.98	22.5
	256QAM	1	0	20.39	20.19	20.28	20.5
		1	2	20.22	20.07	20.12	20.5
		1	5	20.29	20.34	20.23	20.5
		3	0	20.22	20.16	19.99	20.5
		3	1	20.17	20.11	20.10	20.5
		3	3	20.04	19.90	20.04	20.5
		6	0	20.03	19.95	19.96	20.5

LTE Band 26_Ant1							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		26765	26865	26965	
		Frequency (MHz)		821.5	831.5	841.5	
15M	QPSK	1	0	19.61	19.67	19.74	20.5
		1	37	19.78	19.92	19.87	20.5
		1	74	19.74	19.65	19.70	20.5
		36	0	19.65	19.77	19.68	20.5
		36	19	19.73	19.81	19.80	20.5
		36	39	19.72	19.66	19.66	20.5
		75	0	19.88	19.91	19.83	20.5
	16QAM	1	0	19.85	19.63	19.79	20.5
		1	37	19.81	19.63	19.84	20.5
		1	74	19.91	19.72	19.68	20.5
		36	0	19.78	19.83	19.78	20.5
		36	19	19.70	19.69	19.70	20.5
		36	39	19.66	19.71	19.73	20.5
		75	0	19.62	19.84	19.89	20.5
	64QAM	1	0	19.62	19.78	19.89	20.5
		1	37	19.88	19.79	19.68	20.5
		1	74	19.84	19.81	19.61	20.5
		36	0	19.90	19.89	19.81	20.5
		36	19	19.74	19.75	19.62	20.5
		36	39	19.85	19.80	19.77	20.5
		75	0	19.91	19.85	19.88	20.5
	256QAM	1	0	19.69	19.85	19.65	20.5
		1	37	19.89	19.89	19.75	20.5
		1	74	19.88	19.82	19.66	20.5
		36	0	19.68	19.78	19.76	20.5
		36	19	19.71	19.66	19.71	20.5
		36	39	19.88	19.65	19.68	20.5
		75	0	19.65	19.67	19.68	20.5
BW	Modulation	Channel		26740	26865	26990	Max. Tune-up (dBm)
		Frequency (MHz)		819	831.5	844	
10M	QPSK	1	0	19.50	19.53	19.68	20.5
		1	24	19.74	19.80	19.84	20.5
		1	49	19.62	19.62	19.60	20.5
		25	0	19.62	19.76	19.63	20.5
		25	12	19.64	19.66	19.76	20.5
		25	25	19.70	19.65	19.51	20.5
		50	0	19.76	19.87	19.81	20.5
	16QAM	1	0	19.85	19.52	19.72	20.5
		1	24	19.80	19.63	19.79	20.5
		1	49	19.82	19.67	19.68	20.5
		25	0	19.69	19.71	19.77	20.5
		25	12	19.61	19.61	19.59	20.5
		25	25	19.59	19.59	19.61	20.5
		50	0	19.60	19.69	19.77	20.5
	64QAM	1	0	19.50	19.67	19.77	20.5
		1	24	19.76	19.68	19.55	20.5
		1	49	19.79	19.67	19.61	20.5
		25	0	19.86	19.79	19.66	20.5
		25	12	19.69	19.74	19.56	20.5
		25	25	19.85	19.68	19.71	20.5
		50	0	19.76	19.83	19.86	20.5
	256QAM	1	0	19.56	19.73	19.56	20.5
		1	24	19.78	19.77	19.61	20.5
		1	49	19.75	19.82	19.55	20.5
		25	0	19.58	19.64	19.64	20.5
		25	12	19.59	19.51	19.56	20.5
		25	25	19.78	19.59	19.61	20.5
		50	0	19.51	19.65	19.61	20.5
BW	Modulation	Channel		26715	26865	27015	Max. Tune-up (dBm)
		Frequency (MHz)		816.5	831.5	846.5	
5M	QPSK	1	0	19.51	19.60	19.60	20.5
		1	12	19.72	19.81	19.83	20.5
		1	24	19.70	19.54	19.62	20.5
		12	0	19.57	19.68	19.61	20.5
		12	6	19.59	19.69	19.78	20.5
		12	13	19.71	19.63	19.59	20.5
		25	0	19.75	19.89	19.71	20.5
	16QAM	1	0	19.70	19.60	19.70	20.5
		1	12	19.78	19.52	19.81	20.5
		1	24	19.82	19.64	19.56	20.5
		12	0	19.65	19.69	19.68	20.5
		12	6	19.61	19.61	19.57	20.5
		12	13	19.60	19.67	19.72	20.5
		25	0	19.52	19.70	19.83	20.5
	64QAM	1	0	19.60	19.75	19.82	20.5
		1	12	19.84	19.72	19.64	20.5
		1	24	19.73	19.77	19.60	20.5
		12	0	19.76	19.87	19.79	20.5
		12	6	19.62	19.62	19.52	20.5
		12	13	19.75	19.75	19.66	20.5
		25	0	19.91	19.77	19.82	20.5
	256QAM	1	0	19.59	19.80	19.60	20.5
		1	12	19.79	19.84	19.62	20.5
		1	24	19.88	19.78	19.63	20.5
		12	0	19.54	19.76	19.72	20.5
		12	6	19.70	19.60	19.69	20.5
		12	13	19.82	19.65	19.58	20.5
		25	0	19.56	19.61	19.57	20.5
BW	Modulation	Channel		26705	26865	27025	Max. Tune-up (dBm)
		Frequency (MHz)		815.5	831.5	847.5	
3M	QPSK	1	0	19.49	19.55	19.61	20.5
		1	7	19.73	19.77	19.85	20.5
		1	14	19.73	19.53	19.59	20.5
		8	0	19.51	19.64	19.55	20.5
		8	3	19.73	19.77	19.76	20.5
		8	7	19.67	19.61	19.60	20.5
		15	0	19.79	19.82	19.74	20.5
	16QAM	1	0	19.80	19.53	19.78	20.5
		1	7	19.75	19.60	19.75	20.5
		1	14	19.85	19.72	19.64	20.5
		8	0	19.63	19.82	19.64	20.5
		8	3	19.69	19.57	19.59	20.5
		8	7	19.53	19.58	19.69	20.5
		15	0	19.57	19.69	19.79	20.5
	64QAM	1	0	19.62	19.72	19.88	20.5
		1	7	19.76	19.78	19.66	20.5
		1	14	19.80	19.68	19.54	20.5
		8	0	19.86	19.84	19.80	20.5
		8	3	19.74	19.67	19.61	20.5
		8	7	19.81	19.73	19.67	20.5
		15	0	19.82	19.72	19.74	20.5
	256QAM	1	0	19.62	19.80	19.57	20.5
		1	7	19.85	19.74	19.68	20.5
		1	14	19.73	19.72	19.51	20.5
		8	0	19.67	19.78	19.64	20.5
		8	3	19.60	19.65	19.69	20.5
		8	7	19.74	19.59	19.56	20.5
		15	0	19.56	19.56	19.53	20.5
BW	Modulation	Channel		26697	26865	27033	Max. Tune-up (dBm)
		Frequency (MHz)		814.7	831.5	848.3	
1.4M	QPSK	1	0	19.55	19.58	19.65	20.5
		1	2	19.73	19.90	19.83	20.5
		1	5	19.69	19.50	19.56	20.5
		3	0	19.63	19.72	19.65	20.5
		3	1	19.64	19.74	19.65	20.5
		3	3	19.70	19.59	19.60	20.5
		6	0	19.83	19.77	19.68	20.5
	16QAM	1	0	19.74	19.59	19.77	20.5
		1	2	19.69	19.53	19.77	20.5
		1	5	19.77	19.69	19.59	20.5
		3	0	19.74	19.69	19.68	20.5
		3	1	19.70	19.65	19.57	20.5
		3	3	19.61	19.71	19.68	20.5
		6	0	19.52	19.82	19.79	20.5
	64QAM	1	0	19.53	19.76	19.86	20.5
		1	2	19.88	19.67	19.56	20.5
		1	5	19.83	19.72	19.47	20.5
		3	0	19.87	19.86	19.70	20.5
		3	1	19.65	19.75	19.62	20.5
		3	3	19.77	19.67	19.73	20.5
		6	0	19.88	19.77	19.86	20.5
	256QAM	1	0	19.54	19.83	19.62	20.5
		1	2	19.79	19.84	19.62	20.5
		1	5	19.74	19.70	19.56	20.5
		3	0	19.58	19.73	19.70	20.5
		3	1	19.71	19.64	19.61	20.5
		3	3	19.81	19.57	19.67	20.5
		6	0	19.54	19.62	19.55	20.5

LTE DSI5

LTE Band 38_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	23.75	**23.78**	23.73	24.5
		1	50	23.67	23.62	23.61	24.5
		1	99	23.48	23.50	23.36	24.5
		50	0	22.81	22.84	22.76	23.5
		50	25	22.66	22.78	22.70	23.5
		50	50	22.67	22.79	22.74	23.5
		100	0	22.71	22.77	22.65	23.5
	16QAM	1	0	22.61	22.51	22.53	23.5
		1	50	22.68	22.60	22.55	23.5
		1	99	22.60	22.48	22.47	23.5
		50	0	21.81	21.72	21.75	22.5
		50	25	21.77	21.72	21.63	22.5
		50	50	21.74	21.68	21.63	22.5
		100	0	21.77	21.65	21.69	22.5
	64QAM	1	0	21.97	21.82	21.96	22.5
		1	50	21.84	21.76	21.77	22.5
		1	99	21.67	21.53	21.57	22.5
		50	0	20.87	20.76	20.85	21.5
		50	25	20.84	20.75	20.78	21.5
		50	50	20.75	20.72	20.62	21.5
		100	0	20.77	20.75	20.66	21.5
	256QAM	1	0	18.83	18.73	18.72	19.5
		1	50	18.86	18.77	18.72	19.5
		1	99	18.55	18.52	18.43	19.5
		50	0	18.89	18.74	18.81	19.5
		50	25	18.79	18.72	18.68	19.5
		50	50	18.78	18.75	18.64	19.5
		100	0	18.75	18.64	18.73	19.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	23.73	23.65	23.60	24.5
		1	37	23.55	23.49	23.57	24.5
		1	74	23.35	23.39	23.31	24.5
		36	0	22.69	22.76	22.69	23.5
		36	19	22.55	22.72	22.55	23.5
		36	39	22.52	22.66	22.61	23.5
		75	0	22.74	22.57	22.53	23.5
	16QAM	1	0	22.49	22.38	22.40	23.5
		1	37	22.61	22.53	22.46	23.5
		1	74	22.46	22.37	22.36	23.5
		36	0	21.74	21.71	21.73	22.5
		36	19	21.76	21.70	21.55	22.5
		36	39	21.63	21.55	21.57	22.5
		75	0	21.71	21.50	21.55	22.5
	64QAM	1	0	21.92	21.74	21.88	22.5
		1	37	21.75	21.66	21.65	22.5
		1	74	21.52	21.47	21.48	22.5
		36	0	20.82	20.64	20.71	21.5
		36	19	20.78	20.71	20.71	21.5
		36	39	20.60	20.62	20.53	21.5
		75	0	20.70	20.67	20.51	21.5
	256QAM	1	0	18.69	18.62	18.71	19.5
		1	37	18.80	18.71	18.64	19.5
		1	74	18.40	18.48	18.29	19.5
		36	0	18.85	18.62	18.74	19.5
		36	19	18.75	18.64	18.57	19.5
		36	39	18.70	18.65	18.50	19.5
		75	0	18.66	18.53	18.65	19.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	23.63	23.68	23.61	24.5
		1	24	23.57	23.55	23.55	24.5
		1	49	23.41	23.38	23.27	24.5
		25	0	22.75	22.75	22.69	23.5
		25	12	22.51	22.77	22.60	23.5
		25	25	22.61	22.76	22.70	23.5
		50	0	22.68	22.58	22.57	23.5
	16QAM	1	0	22.50	22.42	22.45	23.5
		1	24	22.65	22.58	22.42	23.5
		1	49	22.47	22.47	22.43	23.5
		25	0	21.71	21.68	21.64	22.5
		25	12	21.74	21.67	21.51	22.5
		25	25	21.73	21.56	21.51	22.5
		50	0	21.73	21.54	21.64	22.5
	64QAM	1	0	21.83	21.80	21.92	22.5
		1	24	21.70	21.70	21.71	22.5
		1	49	21.64	21.44	21.56	22.5
		25	0	20.79	20.61	20.73	21.5
		25	12	20.83	20.65	20.73	21.5
		25	25	20.68	20.71	20.58	21.5
		50	0	20.73	20.69	20.59	21.5
	256QAM	1	0	18.77	18.61	18.63	19.5
		1	24	18.76	18.63	18.60	19.5
		1	49	18.52	18.50	18.42	19.5
		25	0	18.85	18.60	18.74	19.5
		25	12	18.73	18.68	18.61	19.5
		25	25	18.74	18.64	18.56	19.5
		50	0	18.64	18.62	18.58	19.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	23.71	23.65	23.59	24.5
		1	12	23.52	23.51	23.50	24.5
		1	24	23.34	23.35	23.25	24.5
		12	0	22.80	22.72	22.64	23.5
		12	6	22.60	22.69	22.55	23.5
		12	13	22.58	22.69	22.69	23.5
		25	0	22.71	22.61	22.53	23.5
	16QAM	1	0	22.49	22.39	22.42	23.5
		1	12	22.59	22.59	22.40	23.5
		1	24	22.51	22.37	22.43	23.5
		12	0	21.67	21.70	21.73	22.5
		12	6	21.64	21.64	21.57	22.5
		12	13	21.59	21.60	21.51	22.5
		25	0	21.67	21.58	21.64	22.5
	64QAM	1	0	21.89	21.71	21.86	22.5
		1	12	21.74	21.70	21.69	22.5
		1	24	21.57	21.49	21.52	22.5
		12	0	20.81	20.70	20.71	21.5
		12	6	20.73	20.72	20.75	21.5
		12	13	20.64	20.63	20.50	21.5
		25	0	20.67	20.68	20.60	21.5
	256QAM	1	0	18.74	18.64	18.63	19.5
		1	12	18.75	18.70	18.66	19.5
		1	24	18.52	18.43	18.31	19.5
		12	0	18.84	18.61	18.79	19.5
		12	6	18.74	18.65	18.65	19.5
		12	13	18.72	18.71	18.61	19.5
		25	0	18.63	18.60	18.65	19.5

LTE Band 38_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	18.07	18.00	18.02	19
		1	50	18.23	**18.30**	18.18	19
		1	99	17.91	18.00	18.04	19
		50	0	18.02	18.13	18.07	19
		50	25	18.04	18.15	18.13	19
		50	50	17.98	17.86	17.96	19
		100	0	18.14	18.17	17.87	19
	16QAM	1	0	17.76	18.17	18.09	19
		1	50	17.87	18.04	17.85	19
		1	99	17.95	17.86	18.05	19
		50	0	17.83	17.86	18.11	19
		50	25	17.93	17.89	18.04	19
		50	50	17.74	17.85	17.93	19
		100	0	17.96	17.80	18.02	19
	64QAM	1	0	18.14	18.04	17.83	19
		1	50	17.76	17.90	17.97	19
		1	99	17.88	17.86	17.98	19
		50	0	18.00	17.93	17.81	19
		50	25	17.86	18.16	17.80	19
		50	50	18.08	18.08	18.08	19
		100	0	18.03	18.12	18.13	19
	256QAM	1	0	18.06	18.01	18.10	19
		1	50	18.03	18.08	18.13	19
		1	99	17.92	18.03	18.03	19
		50	0	17.99	17.96	17.96	19
		50	25	17.79	17.85	18.11	19
		50	50	17.87	18.08	18.24	19
		100	0	18.03	17.87	18.13	19
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	18.06	17.97	17.91	19
		1	37	18.11	18.16	18.16	19
		1	74	17.84	17.87	17.90	19
		36	0	17.95	18.03	18.02	19
		36	19	17.92	18.04	18.08	19
		36	39	17.97	17.75	17.92	19
		75	0	18.10	18.05	17.72	19
	16QAM	1	0	17.64	18.07	17.98	19
		1	37	17.72	18.00	17.75	19
		1	74	17.87	17.77	18.02	19
		36	0	17.80	17.74	18.07	19
		36	19	17.81	17.78	18.00	19
		36	39	17.68	17.84	17.81	19
		75	0	17.85	17.76	17.91	19
	64QAM	1	0	18.05	17.98	17.69	19
		1	37	17.75	17.76	17.82	19
		1	74	17.80	17.75	17.93	19
		36	0	17.98	17.85	17.73	19
		36	19	17.80	18.15	17.77	19
		36	39	17.98	18.01	17.97	19
		75	0	17.88	18.08	18.08	19
	256QAM	1	0	18.03	17.99	18.08	19
		1	37	17.99	18.05	18.00	19
		1	74	17.77	18.02	17.90	19
		36	0	17.94	17.85	17.91	19
		36	19	17.70	17.74	18.04	19
		36	39	17.81	17.98	18.23	19
		75	0	18.01	17.76	18.01	19
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	18.01	17.96	17.93	19
		1	24	18.15	18.16	18.15	19
		1	49	17.84	17.91	17.95	19
		25	0	17.94	18.03	18.02	19
		25	12	18.02	18.04	17.98	19
		25	25	17.84	17.74	17.84	19
		50	0	18.07	18.06	17.73	19
	16QAM	1	0	17.67	18.15	17.96	19
		1	24	17.80	17.91	17.84	19
		1	49	17.89	17.84	17.96	19
		25	0	17.72	17.77	17.99	19
		25	12	17.92	17.75	17.99	19
		25	25	17.65	17.84	17.80	19
		50	0	17.83	17.74	18.00	19
	64QAM	1	0	18.05	17.99	17.76	19
		1	24	17.69	17.75	17.90	19
		1	49	17.77	17.85	17.84	19
		25	0	17.92	17.89	17.68	19
		25	12	17.79	18.02	17.74	19
		25	25	18.00	18.05	17.98	19
		50	0	17.90	18.00	17.99	19
	256QAM	1	0	17.97	17.87	18.01	19
		1	24	18.00	17.93	18.06	19
		1	49	17.88	17.93	17.98	19
		25	0	17.85	17.82	17.86	19
		25	12	17.64	17.83	18.01	19
		25	25	17.77	17.98	18.10	19
		50	0	17.91	17.77	18.04	19
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	17.94	17.99	18.01	19
		1	12	18.15	18.19	18.15	19
		1	24	17.87	17.91	17.98	19
		12	0	17.97	18.04	18.05	19
		12	6	17.97	18.10	18.11	19
		12	13	17.86	17.74	17.87	19
		25	0	18.02	18.03	17.78	19
	16QAM	1	0	17.70	18.06	18.03	19
		1	12	17.73	17.90	17.84	19
		1	24	17.92	17.77	17.99	19
		12	0	17.78	17.71	18.08	19
		12	6	17.88	17.82	17.89	19
		12	13	17.66	17.81	17.80	19
		25	0	17.88	17.71	18.00	19
	64QAM	1	0	18.05	17.97	17.81	19
		1	12	17.61	17.75	17.96	19
		1	24	17.83	17.80	17.93	19
		12	0	17.86	17.88	17.71	19
		12	6	17.76	18.04	17.73	19
		12	13	18.02	18.04	17.95	19
		25	0	17.95	17.99	18.08	19
	256QAM	1	0	17.98	17.98	18.08	19
		1	12	17.89	18.07	18.04	19
		1	24	17.80	17.92	17.98	19
		12	0	17.92	17.82	17.83	19
		12	6	17.78	17.75	18.10	19
		12	13	17.80	18.04	18.17	19
		25	0	17.92	17.73	18.03	19

LTE Band 38_Ant2 For DSDA

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	14.59	14.44	14.60	15.5
		1	50	14.70	**14.80**	14.76	15.5
		1	99	14.45	14.56	14.55	15.5
		50	0	14.56	14.64	14.58	15.5
		50	25	14.58	14.66	14.60	15.5
		50	50	14.49	14.44	14.52	15.5
		100	0	14.62	14.70	14.37	15.5
	16QAM	1	0	14.55	14.53	14.57	15.5
		1	50	14.78	14.76	14.64	15.5
		1	99	14.39	14.49	14.56	15.5
		50	0	14.47	14.64	14.54	15.5
		50	25	14.51	14.66	14.68	15.5
		50	50	14.48	14.31	14.52	15.5
		100	0	14.62	14.70	14.37	15.5
	64QAM	1	0	14.26	14.66	14.62	15.5
		1	50	14.36	14.57	14.31	15.5
		1	99	14.47	14.36	14.63	15.5
		50	0	14.32	14.32	14.69	15.5
		50	25	14.43	14.41	14.49	15.5
		50	50	14.22	14.41	14.46	15.5
		100	0	14.48	14.33	14.60	15.5
	256QAM	1	0	14.56	14.54	14.66	15.5
		1	50	14.50	14.54	14.66	15.5
		1	99	14.40	14.51	14.58	15.5
		50	0	14.48	14.43	14.48	15.5
		50	25	14.26	14.33	14.59	15.5
		50	50	14.35	14.63	14.71	15.5
		100	0	14.54	14.39	14.68	15.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	14.55	14.39	14.57	15.5
		1	37	14.64	14.76	14.73	15.5
		1	74	14.44	14.51	14.47	15.5
		36	0	14.53	14.63	14.44	15.5
		36	19	14.44	14.56	14.48	15.5
		36	39	14.43	14.40	14.42	15.5
		75	0	14.51	14.65	14.23	15.5
	16QAM	1	0	14.58	14.43	14.56	15.5
		1	37	14.64	14.65	14.66	15.5
		1	74	14.41	14.52	14.40	15.5
		36	0	14.49	14.56	14.57	15.5
		36	19	14.54	14.55	14.51	15.5
		36	39	14.41	14.30	14.42	15.5
		75	0	14.60	14.68	14.34	15.5
	64QAM	1	0	14.47	14.51	14.45	15.5
		1	37	14.67	14.62	14.62	15.5
		1	74	14.34	14.42	14.54	15.5
		36	0	14.34	14.50	14.51	15.5
		36	19	14.37	14.54	14.54	15.5
		36	39	14.36	14.28	14.40	15.5
		75	0	14.47	14.62	14.36	15.5
	256QAM	1	0	14.53	14.46	14.53	15.5
		1	37	14.39	14.41	14.51	15.5
		1	74	14.32	14.50	14.57	15.5
		36	0	14.33	14.32	14.42	15.5
		36	19	14.13	14.29	14.50	15.5
		36	39	14.30	14.61	14.59	15.5
		75	0	14.43	14.35	14.61	15.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	14.47	14.30	14.55	15.5
		1	24	14.60	14.73	14.68	15.5
		1	49	14.32	14.52	14.49	15.5
		25	0	14.48	14.49	14.52	15.5
		25	12	14.51	14.61	14.50	15.5
		25	25	14.47	14.34	14.46	15.5
		50	0	14.60	14.56	14.35	15.5
	16QAM	1	0	14.44	14.34	14.54	15.5
		1	24	14.66	14.67	14.63	15.5
		1	49	14.38	14.46	14.47	15.5
		25	0	14.46	14.59	14.48	15.5
		25	12	14.55	14.51	14.45	15.5
		25	25	14.48	14.33	14.48	15.5
		50	0	14.55	14.56	14.32	15.5
	64QAM	1	0	14.51	14.39	14.45	15.5
		1	24	14.65	14.69	14.62	15.5
		1	49	14.31	14.39	14.47	15.5
		25	0	14.36	14.62	14.40	15.5
		25	12	14.50	14.55	14.54	15.5
		25	25	14.45	14.23	14.49	15.5
		50	0	14.60	14.57	14.34	15.5
	256QAM	1	0	14.45	14.42	14.52	15.5
		1	24	14.35	14.46	14.60	15.5
		1	49	14.38	14.46	14.45	15.5
		25	0	14.46	14.38	14.46	15.5
		25	12	14.11	14.21	14.50	15.5
		25	25	14.29	14.62	14.62	15.5
		50	0	14.48	14.27	14.53	15.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	14.53	14.30	14.45	15.5
		1	12	14.65	14.74	14.68	15.5
		1	24	14.35	14.52	14.52	15.5
		12	0	14.41	14.53	14.51	15.5
		12	6	14.48	14.63	14.49	15.5
		12	13	14.40	14.31	14.46	15.5
		25	0	14.56	14.64	14.22	15.5
	16QAM	1	0	14.53	14.37	14.59	15.5
		1	12	14.64	14.72	14.66	15.5
		1	24	14.38	14.47	14.54	15.5
		12	0	14.41	14.63	14.43	15.5
		12	6	14.57	14.53	14.59	15.5
		12	13	14.36	14.29	14.41	15.5
		25	0	14.47	14.59	14.30	15.5
	64QAM	1	0	14.53	14.52	14.45	15.5
		1	12	14.73	14.62	14.63	15.5
		1	24	14.33	14.40	14.49	15.5
		12	0	14.36	14.56	14.48	15.5
		12	6	14.50	14.63	14.66	15.5
		12	13	14.43	14.28	14.37	15.5
		25	0	14.61	14.68	14.32	15.5
	256QAM	1	0	14.53	14.40	14.58	15.5
		1	12	14.37	14.45	14.63	15.5
		1	24	14.30	14.45	14.51	15.5
		12	0	14.42	14.34	14.33	15.5
		12	6	14.24	14.29	14.49	15.5
		12	13	14.22	14.56	14.60	15.5
		25	0	14.40	14.27	14.59	15.5

LTE DSI5

LTE Band 38_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	20.84	**20.87**	20.79	21.5
		1	50	20.82	20.85	20.73	21.5
		1	99	20.58	20.65	20.71	21.5
		50	0	20.67	20.78	20.76	21.5
		50	25	20.64	20.75	20.71	21.5
		50	50	20.65	20.45	20.57	21.5
		100	0	20.71	20.75	20.54	21.5
	16QAM	1	0	20.33	20.85	20.64	21.5
		1	50	20.56	20.70	20.54	21.5
		1	99	20.63	20.42	20.67	21.5
		50	0	20.46	20.53	20.68	21.5
		50	25	20.48	20.47	20.66	21.5
		50	50	20.40	20.47	20.53	21.5
		100	0	20.59	20.47	20.67	21.5
	64QAM	1	0	20.75	20.65	20.51	21.5
		1	50	20.37	20.49	20.66	21.5
		1	99	20.57	20.47	20.65	21.5
		50	0	20.56	20.54	20.44	21.5
		50	25	20.55	20.82	20.49	21.5
		50	50	20.69	20.77	20.69	21.5
		100	0	20.66	20.79	20.80	21.5
	256QAM	1	0	19.54	19.70	19.65	20.5
		1	50	19.65	19.79	19.59	20.5
		1	99	19.39	19.52	19.54	20.5
		50	0	19.79	19.85	19.60	20.5
		50	25	19.71	19.76	19.65	20.5
		50	50	19.51	19.67	19.62	20.5
		100	0	19.61	19.69	19.76	20.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	20.75	20.79	20.70	21.5
		1	37	20.68	20.84	20.71	21.5
		1	74	20.47	20.62	20.56	21.5
		36	0	20.65	20.64	20.67	21.5
		36	19	20.59	20.73	20.70	21.5
		36	39	20.52	20.41	20.42	21.5
		75	0	20.57	20.65	20.46	21.5
	16QAM	1	0	20.26	20.76	20.51	21.5
		1	37	20.41	20.64	20.51	21.5
		1	74	20.51	20.34	20.55	21.5
		36	0	20.31	20.52	20.62	21.5
		36	19	20.41	20.44	20.65	21.5
		36	39	20.32	20.33	20.48	21.5
		75	0	20.51	20.42	20.59	21.5
	64QAM	1	0	20.70	20.56	20.36	21.5
		1	37	20.34	20.41	20.61	21.5
		1	74	20.49	20.36	20.51	21.5
		36	0	20.49	20.50	20.38	21.5
		36	19	20.42	20.76	20.34	21.5
		36	39	20.60	20.73	20.68	21.5
		75	0	20.56	20.67	20.68	21.5
	256QAM	1	0	19.44	19.69	19.62	20.5
		1	37	19.59	19.66	19.55	20.5
		1	74	19.37	19.42	19.52	20.5
		36	0	19.73	19.81	19.48	20.5
		36	19	19.70	19.67	19.59	20.5
		36	39	19.41	19.64	19.56	20.5
		75	0	19.54	19.58	19.74	20.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	20.70	20.75	20.76	21.5
		1	24	20.69	20.70	20.70	21.5
		1	49	20.52	20.60	20.57	21.5
		25	0	20.66	20.64	20.67	21.5
		25	12	20.59	20.65	20.65	21.5
		25	25	20.62	20.40	20.42	21.5
		50	0	20.62	20.60	20.43	21.5
	16QAM	1	0	20.22	20.81	20.61	21.5
		1	24	20.50	20.62	20.48	21.5
		1	49	20.55	20.36	20.58	21.5
		25	0	20.38	20.40	20.59	21.5
		25	12	20.41	20.43	20.62	21.5
		25	25	20.36	20.33	20.47	21.5
		50	0	20.55	20.46	20.64	21.5
	64QAM	1	0	20.74	20.56	20.40	21.5
		1	24	20.23	20.37	20.62	21.5
		1	49	20.56	20.44	20.54	21.5
		25	0	20.45	20.44	20.34	21.5
		25	12	20.52	20.70	20.34	21.5
		25	25	20.65	20.70	20.58	21.5
		50	0	20.58	20.76	20.66	21.5
	256QAM	1	0	19.52	19.62	19.59	20.5
		1	24	19.50	19.77	19.54	20.5
		1	49	19.37	19.43	19.44	20.5
		25	0	19.72	19.77	19.46	20.5
		25	12	19.64	19.67	19.55	20.5
		25	25	19.39	19.58	19.56	20.5
		50	0	19.54	19.61	19.65	20.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	20.80	20.81	20.70	21.5
		1	12	20.72	20.82	20.71	21.5
		1	24	20.57	20.61	20.56	21.5
		12	0	20.53	20.72	20.61	21.5
		12	6	20.61	20.61	20.63	21.5
		12	13	20.60	20.33	20.54	21.5
		25	0	20.58	20.74	20.48	21.5
	16QAM	1	0	20.27	20.78	20.60	21.5
		1	12	20.46	20.64	20.41	21.5
		1	24	20.59	20.39	20.53	21.5
		12	0	20.39	20.47	20.59	21.5
		12	6	20.33	20.40	20.61	21.5
		12	13	20.26	20.40	20.50	21.5
		25	0	20.51	20.34	20.61	21.5
	64QAM	1	0	20.72	20.52	20.38	21.5
		1	12	20.25	20.43	20.53	21.5
		1	24	20.42	20.41	20.51	21.5
		12	0	20.42	20.52	20.33	21.5
		12	6	20.49	20.68	20.45	21.5
		12	13	20.66	20.63	20.68	21.5
		25	0	20.56	20.68	20.75	21.5
	256QAM	1	0	19.50	19.69	19.59	20.5
		1	12	19.56	19.66	19.47	20.5
		1	24	19.38	19.48	19.47	20.5
		12	0	19.69	19.83	19.48	20.5
		12	6	19.66	19.73	19.52	20.5
		12	13	19.44	19.66	19.49	20.5
		25	0	19.49	19.67	19.71	20.5

LTE Band 38_Ant3 For DSDA

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	18.84	**18.95**	18.88	19.5
		1	50	18.82	18.80	18.82	19.5
		1	99	18.79	18.82	18.75	19.5
		50	0	18.77	18.87	18.84	19.5
		50	25	18.72	18.71	18.82	19.5
		50	50	18.62	18.71	18.63	19.5
		100	0	18.82	18.89	18.83	19.5
	16QAM	1	0	18.80	18.69	18.78	19.5
		1	50	18.82	18.86	18.91	19.5
		1	99	18.74	18.74	18.76	19.5
		50	0	18.79	18.75	18.79	19.5
		50	25	18.68	18.76	18.75	19.5
		50	50	18.67	18.82	18.61	19.5
		100	0	18.89	18.82	18.80	19.5
	64QAM	1	0	18.62	18.71	18.81	19.5
		1	50	18.90	18.88	18.62	19.5
		1	99	18.92	18.81	18.79	19.5
		50	0	18.73	18.90	18.80	19.5
		50	25	18.80	18.70	18.79	19.5
		50	50	18.66	18.74	18.73	19.5
		100	0	18.74	18.75	18.83	19.5
	256QAM	1	0	18.74	18.56	18.67	19.5
		1	50	18.64	18.65	18.73	19.5
		1	99	18.55	18.70	18.75	19.5
		50	0	18.73	18.59	18.77	19.5
		50	25	18.64	18.52	18.82	19.5
		50	50	18.59	18.76	18.63	19.5
		100	0	18.59	18.49	18.76	19.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	18.72	18.94	18.82	19.5
		1	37	18.76	18.66	18.76	19.5
		1	74	18.75	18.68	18.61	19.5
		36	0	18.74	18.74	18.74	19.5
		36	19	18.62	18.65	18.71	19.5
		36	39	18.53	18.65	18.61	19.5
		75	0	18.70	18.88	18.75	19.5
	16QAM	1	0	18.81	18.89	18.75	19.5
		1	37	18.68	18.74	18.76	19.5
		1	74	18.67	18.76	18.68	19.5
		36	0	18.73	18.76	18.75	19.5
		36	19	18.71	18.64	18.78	19.5
		36	39	18.51	18.56	18.48	19.5
		75	0	18.78	18.79	18.72	19.5
	64QAM	1	0	18.77	18.67	18.70	19.5
		1	37	18.77	18.79	18.82	19.5
		1	74	18.65	18.68	18.70	19.5
		36	0	18.78	18.73	18.78	19.5
		36	19	18.66	18.67	18.64	19.5
		36	39	18.65	18.74	18.57	19.5
		75	0	18.82	18.76	18.70	19.5
	256QAM	1	0	18.61	18.46	18.60	19.5
		1	37	18.56	18.51	18.62	19.5
		1	74	18.43	18.69	18.71	19.5
		36	0	18.68	18.45	18.62	19.5
		36	19	18.61	18.45	18.70	19.5
		36	39	18.44	18.68	18.60	19.5
		75	0	18.46	18.37	18.67	19.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	18.71	18.94	18.82	19.5
		1	24	18.78	18.77	18.69	19.5
		1	49	18.73	18.78	18.70	19.5
		25	0	18.69	18.74	18.69	19.5
		25	12	18.67	18.65	18.73	19.5
		25	25	18.49	18.66	18.52	19.5
		50	0	18.73	18.84	18.75	19.5
	16QAM	1	0	18.71	18.94	18.82	19.5
		1	24	18.70	18.74	18.78	19.5
		1	49	18.69	18.78	18.68	19.5
		25	0	18.63	18.85	18.70	19.5
		25	12	18.67	18.67	18.70	19.5
		25	25	18.50	18.66	18.53	19.5
		50	0	18.78	18.85	18.71	19.5
	64QAM	1	0	18.74	18.67	18.71	19.5
		1	24	18.81	18.73	18.85	19.5
		1	49	18.73	18.62	18.74	19.5
		25	0	18.66	18.62	18.65	19.5
		25	12	18.66	18.65	18.68	19.5
		25	25	18.61	18.80	18.57	19.5
		50	0	18.87	18.69	18.72	19.5
	256QAM	1	0	18.59	18.48	18.60	19.5
		1	24	18.53	18.56	18.61	19.5
		1	49	18.53	18.57	18.70	19.5
		25	0	18.70	18.47	18.70	19.5
		25	12	18.53	18.41	18.81	19.5
		25	25	18.45	18.68	18.50	19.5
		50	0	18.55	18.42	18.72	19.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	18.78	18.85	18.82	19.5
		1	12	18.79	18.73	18.77	19.5
		1	24	18.77	18.77	18.73	19.5
		12	0	18.69	18.73	18.71	19.5
		12	6	18.62	18.56	18.74	19.5
		12	13	18.57	18.63	18.60	19.5
		25	0	18.69	18.81	18.82	19.5
	16QAM	1	0	18.80	18.90	18.85	19.5
		1	12	18.69	18.73	18.72	19.5
		1	24	18.68	18.71	18.64	19.5
		12	0	18.75	18.83	18.73	19.5
		12	6	18.64	18.58	18.67	19.5
		12	13	18.59	18.62	18.59	19.5
		25	0	18.67	18.77	18.72	19.5
	64QAM	1	0	18.73	18.59	18.66	19.5
		1	12	18.71	18.71	18.86	19.5
		1	24	18.63	18.64	18.64	19.5
		12	0	18.66	18.73	18.66	19.5
		12	6	18.54	18.73	18.64	19.5
		12	13	18.65	18.77	18.58	19.5
		25	0	18.86	18.73	18.69	19.5
	256QAM	1	0	18.66	18.41	18.54	19.5
		1	12	18.55	18.56	18.65	19.5
		1	24	18.47	18.57	18.62	19.5
		12	0	18.62	18.58	18.66	19.5
		12	6	18.57	18.45	18.78	19.5
		12	13	18.55	18.72	18.49	19.5
		25	0	18.49	18.34	18.65	19.5

LTE Band 38_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	15.26	15.34	15.30	17
		1	50	15.43	15.45	**15.51**	17
		1	99	15.41	15.38	15.32	17
		50	0	15.36	15.41	15.44	17
		50	25	15.33	15.39	15.35	17
		50	50	15.28	15.34	15.30	17
		100	0	15.38	15.37	15.42	17
	16QAM	1	0	15.07	15.36	15.27	17
		1	50	15.14	15.28	15.12	17
		1	99	15.22	15.11	15.34	17
		50	0	15.06	15.17	15.39	17
		50	25	15.13	15.19	15.32	17
		50	50	15.27	15.37	15.21	17
		100	0	15.28	15.31	15.32	17
	64QAM	1	0	15.41	15.33	15.05	17
		1	50	15.01	15.17	15.19	17
		1	99	15.15	15.07	15.19	17
		50	0	15.20	15.18	15.10	17
		50	25	15.09	15.41	15.06	17
		50	50	15.26	15.33	15.38	17
		100	0	15.32	15.41	15.33	17
	256QAM	1	0	15.32	15.21	15.30	17
		1	50	15.21	15.27	15.32	17
		1	99	15.13	15.23	15.34	17
		50	0	15.26	15.15	15.28	17
		50	25	15.23	15.16	15.35	17
		50	50	15.07	15.37	15.22	17
		100	0	15.28	15.16	15.42	17
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	15.25	15.22	15.27	17
		1	37	15.33	15.34	15.37	17
		1	74	15.26	15.31	15.30	17
		36	0	15.29	15.26	15.35	17
		36	19	15.19	15.24	15.23	17
		36	39	15.24	15.19	15.16	17
		75	0	15.28	15.29	15.38	17
	16QAM	1	0	15.12	15.21	15.15	17
		1	37	15.13	15.22	15.11	17
		1	74	15.10	15.05	15.28	17
		36	0	15.15	15.10	15.35	17
		36	19	15.03	15.17	15.31	17
		36	39	15.13	15.22	15.13	17
		75	0	15.13	15.25	15.29	17
	64QAM	1	0	15.33	15.23	15.10	17
		1	37	15.20	15.08	15.14	17
		1	74	15.01	15.06	15.04	17
		36	0	15.19	15.15	15.08	17
		36	19	15.04	15.33	15.11	17
		36	39	15.15	15.29	15.32	17
		75	0	15.28	15.26	15.22	17
	256QAM	1	0	15.27	15.13	15.26	17
		1	37	15.11	15.20	15.31	17
		1	74	15.19	15.19	15.27	17
		36	0	15.16	15.13	15.15	17
		36	19	15.22	15.01	15.26	17
		36	39	15.02	15.32	15.20	17
		75	0	15.14	15.11	15.36	17
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	15.13	15.26	15.19	17
		1	24	15.32	15.35	15.48	17
		1	49	15.29	15.24	15.24	17
		25	0	15.35	15.34	15.41	17
		25	12	15.22	15.34	15.22	17
		25	25	15.24	15.29	15.26	17
		50	0	15.35	15.24	15.28	17
	16QAM	1	0	15.01	15.23	15.15	17
		1	24	15.04	15.27	15.08	17
		1	49	15.11	15.16	15.21	17
		25	0	15.05	15.11	15.32	17
		25	12	15.09	15.04	15.26	17
		25	25	15.12	15.25	15.11	17
		50	0	15.22	15.19	15.28	17
	64QAM	1	0	15.37	15.28	15.00	17
		1	24	15.15	15.14	15.16	17
		1	49	15.06	15.13	15.15	17
		25	0	15.19	15.13	15.09	17
		25	12	15.18	15.32	15.13	17
		25	25	15.14	15.26	15.28	17
		50	0	15.20	15.30	15.18	17
	256QAM	1	0	15.27	15.10	15.29	17
		1	24	15.07	15.23	15.20	17
		1	49	15.20	15.17	15.20	17
		25	0	15.25	15.03	15.24	17
		25	12	15.20	15.08	15.31	17
		25	25	15.06	15.34	15.10	17
		50	0	15.18	15.10	15.30	17
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	15.24	15.33	15.20	17
		1	12	15.31	15.35	15.39	17
		1	24	15.32	15.27	15.22	17
		12	0	15.30	15.39	15.41	17
		12	6	15.28	15.33	15.30	17
		12	13	15.26	15.31	15.20	17
		25	0	15.28	15.29	15.34	17
	16QAM	1	0	15.06	15.24	15.26	17
		1	12	15.05	15.22	15.06	17
		1	24	15.16	15.07	15.30	17
		12	0	15.01	15.13	15.36	17
		12	6	15.19	15.15	15.26	17
		12	13	15.14	15.31	15.20	17
		25	0	15.13	15.24	15.28	17
	64QAM	1	0	15.36	15.31	15.03	17
		1	12	15.07	15.07	15.08	17
		1	24	15.02	15.04	15.07	17
		12	0	15.12	15.12	15.07	17
		12	6	15.02	15.27	15.12	17
		12	13	15.11	15.26	15.33	17
		25	0	15.26	15.40	15.23	17
	256QAM	1	0	15.22	15.06	15.23	17
		1	12	15.06	15.13	15.18	17
		1	24	15.01	15.16	15.23	17
		12	0	15.25	15.01	15.23	17
		12	6	15.14	15.14	15.30	17
		12	13	15.18	15.27	15.21	17
		25	0	15.24	15.09	15.33	17

LTE Band 38_Ant4 For DSDA&ENDC

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	14.31	14.29	14.27	16
		1	50	14.44	14.40	**14.51**	16
		1	99	14.34	14.35	14.27	16
		50	0	14.31	14.38	14.42	16
		50	25	14.29	14.31	14.37	16
		50	50	14.24	14.33	14.24	16
		100	0	14.38	14.39	14.41	16
	16QAM	1	0	14.22	14.32	14.33	16
		1	50	14.43	14.38	14.46	16
		1	99	14.47	14.36	14.31	16
		50	0	14.34	14.41	14.41	16
		50	25	14.39	14.33	14.40	16
		50	50	14.23	14.26	14.28	16
		100	0	14.43	14.33	14.40	16
	64QAM	1	0	14.02	14.39	14.31	16
		1	50	14.15	14.29	14.18	16
		1	99	14.25	14.14	14.32	16
		50	0	14.02	14.16	14.37	16
		50	25	14.18	14.17	14.28	16
		50	50	14.24	14.42	14.19	16
		100	0	14.24	14.36	14.35	16
	256QAM	1	0	14.27	14.15	14.29	16
		1	50	14.20	14.19	14.30	16
		1	99	14.17	14.24	14.33	16
		50	0	14.27	14.14	14.32	16
		50	25	14.22	14.14	14.31	16
		50	50	14.11	14.38	14.24	16
		100	0	14.20	14.11	14.36	16
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	14.24	14.17	14.16	16
		1	37	14.40	14.31	14.43	16
		1	74	14.25	14.21	14.15	16
		36	0	14.19	14.34	14.30	16
		36	19	14.15	14.27	14.24	16
		36	39	14.21	14.31	14.12	16
		75	0	14.36	14.37	14.40	16
	16QAM	1	0	14.30	14.21	14.26	16
		1	37	14.34	14.38	14.42	16
		1	74	14.25	14.22	14.18	16
		36	0	14.18	14.29	14.33	16
		36	19	14.16	14.20	14.28	16
		36	39	14.21	14.24	14.14	16
		75	0	14.25	14.29	14.39	16
	64QAM	1	0	14.11	14.25	14.21	16
		1	37	14.41	14.28	14.39	16
		1	74	14.39	14.28	14.27	16
		36	0	14.19	14.28	14.27	16
		36	19	14.27	14.31	14.38	16
		36	39	14.09	14.25	14.14	16
		75	0	14.31	14.22	14.27	16
	256QAM	1	0	14.26	14.11	14.27	16
		1	37	14.09	14.08	14.21	16
		1	74	14.10	14.13	14.23	16
		36	0	14.23	14.06	14.27	16
		36	19	14.15	13.99	14.27	16
		36	39	13.98	14.24	14.15	16
		75	0	14.16	14.00	14.30	16
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	14.20	14.19	14.21	16
		1	24	14.40	14.32	14.37	16
		1	49	14.22	14.21	14.26	16
		25	0	14.22	14.31	14.27	16
		25	12	14.28	14.25	14.32	16
		25	25	14.18	14.23	14.23	16
		50	0	14.31	14.26	14.35	16
	16QAM	1	0	14.29	14.25	14.13	16
		1	24	14.39	14.26	14.39	16
		1	49	14.27	14.29	14.24	16
		25	0	14.26	14.26	14.34	16
		25	12	14.18	14.30	14.26	16
		25	25	14.22	14.27	14.21	16
		50	0	14.30	14.25	14.29	16
	64QAM	1	0	14.11	14.24	14.28	16
		1	24	14.36	14.27	14.34	16
		1	49	14.37	14.31	14.25	16
		25	0	14.21	14.39	14.35	16
		25	12	14.29	14.32	14.27	16
		25	25	14.22	14.22	14.16	16
		50	0	14.36	14.22	14.28	16
	256QAM	1	0	14.14	14.01	14.14	16
		1	24	14.16	14.05	14.16	16
		1	49	14.03	14.13	14.29	16
		25	0	14.21	14.06	14.22	16
		25	12	14.16	14.08	14.21	16
		25	25	14.01	14.37	14.21	16
		50	0	14.09	13.99	14.34	16
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	14.29	14.22	14.12	16
		1	12	14.33	14.29	14.50	16
		1	24	14.23	14.21	14.25	16
		12	0	14.30	14.28	14.36	16
		12	6	14.15	14.26	14.32	16
		12	13	14.13	14.18	14.21	16
		25	0	14.32	14.37	14.32	16
	16QAM	1	0	14.26	14.23	14.23	16
		1	12	14.37	14.34	14.44	16
		1	24	14.32	14.24	14.26	16
		12	0	14.17	14.34	14.35	16
		12	6	14.17	14.26	14.26	16
		12	13	14.23	14.24	14.18	16
		25	0	14.24	14.30	14.38	16
	64QAM	1	0	14.18	14.21	14.20	16
		1	12	14.33	14.24	14.40	16
		1	24	14.38	14.21	14.28	16
		12	0	14.25	14.36	14.32	16
		12	6	14.38	14.30	14.38	16
		12	13	14.10	14.15	14.23	16
		25	0	14.36	14.18	14.28	16
	256QAM	1	0	14.16	14.10	14.18	16
		1	12	14.09	14.14	14.21	16
		1	24	14.07	14.16	14.29	16
		12	0	14.20	14.04	14.25	16
		12	6	14.14	14.11	14.30	16
		12	13	13.99	14.28	14.23	16
		25	0	14.17	14.03	14.24	16

LTE DSI5

LTE Band 41_Ant0

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	23.39	23.32	23.35	23.21	22.83	24
		1	50	23.13	23.06	23.25	23.11	22.82	24
		1	99	23.08	23.01	23.07	22.93	22.69	24
		50	0	22.86	22.82	22.75	22.46	22.47	23.5
		50	25	22.76	22.78	22.80	22.45	22.29	23.5
		50	50	22.78	22.70	22.72	22.41	22.32	23.5
		100	0	22.75	22.71	22.74	22.44	22.33	23.5
	16QAM	1	0	22.88	22.87	22.68	22.24	22.3	23.5
		1	50	22.76	22.84	22.84	22.34	22.34	23.5
		1	99	22.52	22.45	22.49	22.23	22.19	23.5
		50	0	21.85	21.79	21.74	21.26	21.34	22.5
		50	25	21.79	21.87	21.76	21.42	21.46	22.5
		50	50	21.74	21.72	21.70	21.39	21.43	22.5
		100	0	21.84	21.76	21.74	21.32	21.22	22.5
	64QAM	1	0	21.78	21.82	21.73	21.22	21.23	22.5
		1	50	21.75	21.79	21.81	21.32	21.39	22.5
		1	99	21.66	21.69	21.70	21.27	21.27	22.5
		50	0	20.87	20.90	20.90	20.32	20.39	21.5
		50	25	20.78	20.81	20.83	20.38	20.38	21.5
		50	50	20.73	20.64	20.68	20.29	20.28	21.5
		100	0	20.73	20.70	20.76	20.2	20.24	21.5
	256QAM	1	0	18.80	18.76	18.72	18.3	18.35	19.5
		1	50	18.75	18.73	18.66	18.43	18.52	19.5
		1	99	18.52	18.53	18.44	18.31	18.2	19.5
		50	0	18.86	18.66	18.69	18.34	18.29	19.5
		50	25	18.85	18.66	18.70	18.27	18.26	19.5
		50	50	18.76	18.61	18.57	18.34	18.3	19.5
		100	0	18.80	18.60	18.65	18.41	18.35	19.5
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	23.25	23.23	23.22	23.10	22.72	24
		1	37	23.05	23.04	23.17	23.10	22.81	24
		1	74	22.98	22.93	22.92	22.84	22.59	24
		36	0	22.73	22.78	22.70	22.34	22.4	23.5
		36	19	22.68	22.65	22.72	22.36	22.26	23.5
		36	39	22.65	22.58	22.67	22.26	22.3	23.5
		75	0	22.72	22.66	22.73	22.36	22.25	23.5
	16QAM	1	0	22.73	22.58	22.59	22.1	22.29	23.5
		1	37	22.61	22.76	22.82	22.23	22.19	23.5
		1	74	22.42	22.38	22.46	22.12	22.06	23.5
		36	0	21.80	21.70	21.60	21.22	21.24	22.5
		36	19	21.69	21.77	21.73	21.39	21.34	22.5
		36	39	21.70	21.64	21.69	21.35	21.41	22.5
		75	0	21.78	21.65	21.64	21.17	21.11	22.5
	64QAM	1	0	21.64	21.76	21.66	21.12	21.15	22.5
		1	37	21.70	21.72	21.75	21.2	21.33	22.5
		1	74	21.63	21.68	21.67	21.24	21.13	22.5
		36	0	20.75	20.75	20.78	20.24	20.28	21.5
		36	19	20.75	20.80	20.75	20.32	20.35	21.5
		36	39	20.59	20.57	20.55	20.25	20.27	21.5
		75	0	20.72	20.69	20.67	20.1	20.13	21.5
	256QAM	1	0	18.67	18.74	18.60	18.25	18.28	19.5
		1	37	18.62	18.66	18.55	18.34	18.41	19.5
		1	74	18.42	18.52	18.42	18.2	18.1	19.5
		36	0	18.78	18.53	18.54	18.2	18.21	19.5
		36	19	18.75	18.55	18.61	18.25	18.18	19.5
		36	39	18.73	18.56	18.45	18.31	18.16	19.5
		75	0	18.77	18.45	18.63	18.26	18.25	19.5
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	23.33	23.26	23.24	23.21	22.8	24
		1	24	23.10	22.97	23.20	23.09	22.76	24
		1	49	23.02	22.93	22.93	22.88	22.59	24
		25	0	22.77	22.76	22.71	22.33	22.4	23.5
		25	12	22.72	22.64	22.71	22.35	22.18	23.5
		25	25	22.75	22.61	22.59	22.33	22.17	23.5
		50	0	22.68	22.71	22.67	22.42	22.26	23.5
	16QAM	1	0	22.86	22.57	22.62	22.2	22.23	23.5
		1	24	22.65	22.82	22.73	22.28	22.25	23.5
		1	49	22.37	22.37	22.38	22.19	22.05	23.5
		25	0	21.70	21.72	21.64	21.17	21.26	22.5
		25	12	21.68	21.76	21.64	21.37	21.33	22.5
		25	25	21.59	21.69	21.56	21.37	21.36	22.5
		50	0	21.81	21.71	21.62	21.24	21.09	22.5
	64QAM	1	0	21.64	21.81	21.66	21.12	21.15	22.5
		1	24	21.66	21.71	21.77	21.28	21.29	22.5
		1	49	21.64	21.58	21.65	21.2	21.25	22.5
		25	0	20.76	20.79	20.75	20.21	20.27	21.5
		25	12	20.66	20.72	20.74	20.37	20.37	21.5
		25	25	20.59	20.49	20.56	20.23	20.24	21.5
		50	0	20.58	20.69	20.61	20.11	20.12	21.5
	256QAM	1	0	18.77	18.66	18.63	18.17	18.24	19.5
		1	24	18.72	18.66	18.57	18.4	18.51	19.5
		1	49	18.41	18.44	18.30	18.21	18.19	19.5
		25	0	18.79	18.54	18.66	18.33	18.24	19.5
		25	12	18.78	18.65	18.64	18.19	18.24	19.5
		25	25	18.71	18.57	18.43	18.28	18.22	19.5
		50	0	18.75	18.58	18.53	18.37	18.21	19.5
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	23.24	23.19	23.22	23.17	22.68	24
		1	12	22.99	22.93	23.18	23.04	22.78	24
		1	24	22.95	22.99	22.95	22.92	22.6	24
		12	0	22.85	22.68	22.68	22.42	22.38	23.5
		12	6	22.67	22.64	22.78	22.43	22.19	23.5
		12	13	22.68	22.63	22.71	22.33	22.22	23.5
		25	0	22.66	22.73	22.73	22.36	22.22	23.5
	16QAM	1	0	22.77	22.65	22.64	22.11	22.19	23.5
		1	12	22.75	22.69	22.72	22.27	22.33	23.5
		1	24	22.48	22.31	22.44	22.09	22.05	23.5
		12	0	21.75	21.73	21.67	21.17	21.27	22.5
		12	6	21.69	21.73	21.68	21.33	21.41	22.5
		12	13	21.69	21.66	21.69	21.38	21.38	22.5
		25	0	21.75	21.75	21.68	21.25	21.07	22.5
	64QAM	1	0	21.68	21.69	21.66	21.13	21.11	22.5
		1	12	21.71	21.68	21.66	21.22	21.36	22.5
		1	24	21.56	21.65	21.66	21.19	21.15	22.5
		12	0	20.84	20.75	20.75	20.3	20.36	21.5
		12	6	20.72	20.72	20.82	20.32	20.23	21.5
		12	13	20.66	20.57	20.55	20.15	20.18	21.5
		25	0	20.58	20.59	20.71	20.15	20.1	21.5
	256QAM	1	0	18.68	18.61	18.60	18.23	18.27	19.5
		1	12	18.72	18.67	18.56	18.29	18.46	19.5
		1	24	18.40	18.47	18.34	18.18	18.12	19.5
		12	0	18.81	18.57	18.61	18.22	18.16	19.5
		12	6	18.71	18.63	18.58	18.19	18.18	19.5
		12	13	18.70	18.55	18.54	18.24	18.24	19.5
		25	0	18.74	18.55	18.58	18.39	18.27	19.5

LTE Band 41_Ant2

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	17.39	17.29	17.37	17.32	17.34	18
		1	50	17.31	17.26	17.23	17.15	17.32	18
		1	99	17.27	17.20	17.29	17.21	17.25	18
		50	0	17.23	17.17	17.25	17.14	17.19	18
		50	25	17.32	17.26	17.28	17.15	17.26	18
		50	50	17.13	17.11	17.24	17.09	17.17	18
		100	0	17.36	17.32	17.36	17.18	17.34	18
	16QAM	1	0	16.99	16.92	17.26	17.09	17.26	18
		1	50	17.00	16.91	17.14	16.97	16.99	18
		1	99	17.16	17.10	16.97	16.82	17.31	18
		50	0	16.97	16.92	17.15	17.02	17.25	18
		50	25	17.11	17.11	17.13	16.97	17.2	18
		50	50	17.26	17.26	17.26	17.14	17.09	18
		100	0	17.13	17.10	17.20	17.03	17.3	18
	64QAM	1	0	17.33	17.25	17.24	17.02	16.96	18
		1	50	16.98	16.89	17.06	16.83	17.13	18
		1	99	17.12	17.04	17.06	16.86	17.09	18
		50	0	17.14	17.01	17.08	16.88	17.05	18
		50	25	17.08	16.99	17.29	17.14	17.02	18
		50	50	17.23	17.15	17.26	17.14	17.34	18
		100	0	17.18	17.09	17.30	17.13	17.28	18
	256QAM	1	0	17.23	17.11	17.15	17	17.17	18
		1	50	17.20	17.05	17.21	17.03	17.19	18
		1	99	17.03	16.92	17.16	16.99	17.26	18
		50	0	17.17	17.11	17.06	16.94	17.25	18
		50	25	17.18	17.16	17.10	17.03	17.29	18
		50	50	17.00	16.99	17.23	17.14	17.09	18
		100	0	17.13	17.08	17.03	16.94	17.22	18
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	17.28	17.25	17.34	17.22	17.23	18
		1	37	17.18	17.16	17.17	17.13	17.31	18
		1	74	17.18	17.09	17.26	17.06	17.16	18
		36	0	17.22	17.06	17.20	17.01	17.15	18
		36	19	17.25	17.24	17.13	17.13	17.14	18
		36	39	17.12	16.98	17.22	16.99	17.11	18
		75	0	17.31	17.17	17.29	17.13	17.2	18
	16QAM	1	0	16.84	16.84	17.19	17.00	17.23	18
		1	37	16.97	16.79	16.99	16.89	16.91	18
		1	74	17.07	16.99	16.96	16.72	17.24	18
		36	0	16.86	16.81	17.00	16.87	17.15	18
		36	19	17.08	17.09	17.10	16.94	17.11	18
		36	39	17.22	17.25	17.14	17.05	16.94	18
		75	0	17.04	17.09	17.09	16.97	17.18	18
	64QAM	1	0	17.31	17.22	17.10	16.97	16.85	18
		1	37	16.86	16.82	17.02	16.70	17	18
		1	74	16.97	17.04	16.99	16.81	17.05	18
		36	0	17.06	16.87	17.00	16.88	16.9	18
		36	19	16.94	16.85	17.21	17.14	16.91	18
		36	39	17.10	17.14	17.14	17.07	17.22	18
		75	0	17.12	17.00	17.23	17.10	17.19	18
	256QAM	1	0	17.12	17.00	17.11	16.90	17.12	18
		1	37	17.09	17.01	17.11	16.93	17.16	18
		1	74	16.96	16.81	17.12	16.99	17.15	18
		36	0	17.07	17.09	16.97	16.93	17.12	18
		36	19	17.10	17.09	16.95	16.93	17.28	18
		36	39	16.87	16.92	17.19	17.05	17	18
		75	0	17.05	17.04	16.91	16.79	17.29	18
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	17.34	17.23	17.28	17.21	17.31	18
		1	24	17.30	17.22	17.16	17.00	17.27	18
		1	49	17.26	17.16	17.16	17.07	17.14	18
		25	0	17.16	17.11	17.18	16.99	17.13	18
		25	12	17.23	17.23	17.21	17.01	17.18	18
		25	25	16.98	17.10	17.19	16.94	17.05	18
		50	0	17.35	17.19	17.29	17.08	17.2	18
	16QAM	1	0	16.89	16.88	17.16	17.07	17.15	18
		1	24	16.97	16.78	17.01	16.96	16.89	18
		1	49	17.09	17.03	16.95	16.78	17.25	18
		25	0	16.94	16.89	17.14	17.01	17.13	18
		25	12	16.99	17.03	17.01	16.86	17.05	18
		25	25	17.18	17.14	17.23	17.07	17.08	18
		50	0	17.11	17.07	17.14	17.00	17.15	18
	64QAM	1	0	17.29	17.24	17.13	16.94	16.82	18
		1	24	16.88	16.78	16.93	16.73	17.04	18
		1	49	17.09	16.97	16.96	16.85	17.05	18
		25	0	17.12	17.01	17.05	16.83	17.02	18
		25	12	17.01	16.84	17.21	17.13	17.01	18
		25	25	17.12	17.08	17.18	17.08	17.24	18
		50	0	17.07	17.02	17.21	17.00	17.21	18
	256QAM	1	0	17.08	17.08	17.05	16.86	17.12	18
		1	24	17.19	16.98	17.12	16.91	17.18	18
		1	49	16.90	16.82	17.11	16.87	17.15	18
		25	0	17.06	17.00	16.98	16.86	17.13	18
		25	12	17.04	17.14	17.09	16.90	17.21	18
		25	25	16.98	16.88	17.13	17.09	16.96	18
		50	0	17.04	17.03	16.95	16.90	17.18	18
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	17.36	17.27	17.35	17.25	17.32	18
		1	12	17.27	17.12	17.12	17.07	17.28	18
		1	24	17.19	17.15	17.26	17.06	17.23	18
		12	0	17.09	17.13	17.21	17.01	17.05	18
		12	6	17.30	17.24	17.27	17.14	17.2	18
		12	13	17.00	17.08	17.13	16.99	17.03	18
		25	0	17.37	17.23	17.35	17.06	17.24	18
	16QAM	1	0	16.93	16.85	17.16	17.02	17.18	18
		1	12	16.88	16.85	16.99	16.87	16.93	18
		1	24	17.02	17.01	16.87	16.67	17.16	18
		12	0	16.85	16.78	17.00	16.96	17.24	18
		12	6	16.99	17.07	17.02	16.89	17.05	18
		12	13	17.11	17.16	17.19	17.07	17.07	18
		25	0	16.98	17.09	17.15	16.88	17.23	18
	64QAM	1	0	17.29	17.20	17.21	16.97	16.86	18
		1	12	16.95	16.87	17.05	16.78	17.07	18
		1	24	17.06	16.96	16.95	16.78	17.01	18
		12	0	17.04	16.91	17.05	16.80	17.01	18
		12	6	16.94	16.97	17.02	16.89	17.05	18
		12	13	17.17	17.08	17.25	17.03	17.3	18
		25	0	17.06	17.04	17.20	17.01	17.27	18
	256QAM	1	0	17.15	16.98	17.13	16.88	17.08	18
		1	12	17.19	16.93	17.07	16.93	17.15	18
		1	24	16.94	16.78	17.10	16.86	17.22	18
		12	0	17.11	17.03	16.97	16.79	17.18	18
		12	6	17.13	17.16	17.00	17.01	17.16	18
		12	13	16.94	16.95	17.15	16.99	17.02	18
		25	0	17.07	17.00	16.93	16.93	17.27	18

LTE Band 41_Ant2 For DSDA

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	14.94	14.79	14.86	14.94	14.81	15.5
		1	50	14.85	14.77	14.81	14.7	14.79	15.5
		1	99	14.75	14.74	14.82	14.78	14.71	15.5
		50	0	14.72	14.62	14.70	14.66	14.69	15.5
		50	25	14.77	14.73	14.72	14.69	14.72	15.5
		50	50	14.57	14.68	14.69	14.64	14.66	15.5
		100	0	14.92	14.89	14.90	14.67	14.88	15.5
	16QAM	1	0	14.93	14.74	14.90	14.76	14.94	15.5
		1	50	14.89	14.75	14.80	14.66	14.84	15.5
		1	99	14.76	14.66	14.87	14.75	14.79	15.5
		50	0	14.67	14.62	14.70	14.58	14.74	15.5
		50	25	14.80	14.77	14.83	14.72	14.82	15.5
		50	50	14.69	14.64	14.80	14.67	14.74	15.5
		100	0	14.83	14.85	14.91	14.68	14.81	15.5
	64QAM	1	0	14.55	14.36	14.75	14.58	14.83	15.5
		1	50	14.53	14.35	14.64	14.42	14.47	15.5
		1	99	14.69	14.60	14.51	14.29	14.76	15.5
		50	0	14.46	14.48	14.63	14.5	14.72	15.5
		50	25	14.57	14.67	14.59	14.47	14.69	15.5
		50	50	14.82	14.73	14.77	14.72	14.66	15.5
		100	0	14.68	14.62	14.66	14.51	14.69	15.5
	256QAM	1	0	14.81	14.67	14.61	14.52	14.66	15.5
		1	50	14.68	14.56	14.73	14.59	14.65	15.5
		1	99	14.50	14.38	14.73	14.46	14.71	15.5
		50	0	14.74	14.57	14.51	14.5	14.81	15.5
		50	25	14.66	14.63	14.56	14.56	14.78	15.5
		50	50	14.58	14.45	14.76	14.61	14.67	15.5
		100	0	14.66	14.64	14.54	14.51	14.69	15.5
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	14.88	14.76	14.85	14.7	14.66	15.5
		1	37	14.79	14.73	14.75	14.67	14.64	15.5
		1	74	14.74	14.59	14.68	14.73	14.6	15.5
		36	0	14.68	14.57	14.63	14.53	14.59	15.5
		36	19	14.73	14.61	14.68	14.54	14.61	15.5
		36	39	14.44	14.56	14.59	14.51	14.54	15.5
		75	0	14.79	14.79	14.75	14.65	14.82	15.5
	16QAM	1	0	14.84	14.65	14.77	14.71	14.73	15.5
		1	37	14.70	14.64	14.71	14.55	14.67	15.5
		1	74	14.66	14.71	14.78	14.75	14.64	15.5
		36	0	14.71	14.58	14.57	14.57	14.68	15.5
		36	19	14.67	14.65	14.67	14.63	14.62	15.5
		36	39	14.56	14.59	14.62	14.57	14.56	15.5
		75	0	14.84	14.76	14.88	14.63	14.79	15.5
	64QAM	1	0	14.90	14.59	14.87	14.71	14.74	15.5
		1	37	14.84	14.66	14.79	14.56	14.76	15.5
		1	74	14.63	14.62	14.77	14.67	14.76	15.5
		36	0	14.58	14.52	14.62	14.54	14.63	15.5
		36	19	14.69	14.71	14.78	14.82	14.72	15.5
		36	39	14.67	14.52	14.67	14.60	14.69	15.5
		75	0	14.70	14.77	14.79	14.64	14.7	15.5
	256QAM	1	0	14.74	14.62	14.59	14.46	14.55	15.5
		1	37	14.59	14.49	14.64	14.48	14.51	15.5
		1	74	14.42	14.34	14.70	14.39	14.6	15.5
		36	0	14.64	14.46	14.46	14.47	14.78	15.5
		36	19	14.53	14.60	14.49	14.51	14.65	15.5
		36	39	14.51	14.44	14.62	14.56	14.64	15.5
		75	0	14.53	14.52	14.53	14.50	14.64	15.5
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	14.91	14.69	14.79	14.81	14.71	15.5
		1	24	14.84	14.73	14.72	14.59	14.73	15.5
		1	49	14.62	14.70	14.73	14.68	14.7	15.5
		25	0	14.61	14.50	14.60	14.63	14.59	15.5
		25	12	14.70	14.58	14.64	14.65	14.61	15.5
		25	25	14.48	14.62	14.59	14.54	14.57	15.5
		50	0	14.79	14.88	14.85	14.58	14.79	15.5
	16QAM	1	0	14.86	14.76	14.77	14.81	14.76	15.5
		1	24	14.79	14.62	14.69	14.62	14.64	15.5
		1	49	14.62	14.67	14.71	14.76	14.59	15.5
		25	0	14.71	14.60	14.69	14.65	14.6	15.5
		25	12	14.74	14.70	14.59	14.54	14.68	15.5
		25	25	14.53	14.63	14.63	14.55	14.6	15.5
		50	0	14.80	14.84	14.80	14.63	14.81	15.5
	64QAM	1	0	14.82	14.60	14.85	14.67	14.79	15.5
		1	24	14.76	14.68	14.72	14.60	14.71	15.5
		1	49	14.70	14.59	14.78	14.72	14.73	15.5
		25	0	14.53	14.52	14.64	14.57	14.62	15.5
		25	12	14.69	14.68	14.80	14.61	14.81	15.5
		25	25	14.64	14.61	14.68	14.64	14.73	15.5
		50	0	14.77	14.77	14.81	14.63	14.68	15.5
	256QAM	1	0	14.73	14.66	14.48	14.46	14.65	15.5
		1	24	14.58	14.48	14.69	14.56	14.58	15.5
		1	49	14.44	14.27	14.70	14.34	14.57	15.5
		25	0	14.64	14.50	14.42	14.43	14.78	15.5
		25	12	14.63	14.53	14.41

LTE DSIS

LTE Band 41_Ant3

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40150	40620	41090	41490	
		Frequency (MHz)		2506	2545.0	2595	2645.0	2685	
20M	QPSK	1	0	**20.97**	20.60	20.50	20.67	20.62	22
		1	50	20.76	20.68	20.73	20.69	20.67	22
		1	99	20.74	20.60	20.72	20.68	20.68	22
		50	0	20.81	20.72	20.79	20.77	20.75	22
		50	25	20.77	20.68	20.76	20.69	20.68	22
		50	50	20.72	20.62	20.69	20.65	20.62	22
		100	0	20.83	20.72	20.86	20.8	20.78	22
	16QAM	1	0	20.74	20.62	20.62	20.48	20.73	22
		1	50	20.71	20.63	20.62	20.45	20.78	22
		1	99	20.61	20.52	20.62	20.52	20.75	22
		50	0	20.86	20.68	20.53	20.41	20.72	22
		50	25	20.84	20.79	20.77	20.61	20.91	22
		50	50	20.87	20.82	20.76	20.58	20.89	22
		100	0	20.84	20.81	20.75	20.48	20.81	22
	64QAM	1	0	20.72	20.66	20.67	20.4	20.74	22
		1	50	20.58	20.58	20.65	20.23	20.81	22
		1	99	20.57	20.55	20.74	20.47	20.58	22
		50	0	20.79	20.62	20.74	20.43	20.63	22
		50	25	20.90	20.93	20.79	20.49	20.74	22
		50	50	20.78	20.63	20.59	20.33	20.78	22
		100	0	20.75	20.79	20.73	20.48	20.59	22
	256QAM	1	0	19.26	19.22	19.23	18.98	18.62	20.5
		1	50	19.39	19.34	19.47	19.21	18.99	20.5
		1	99	19.21	19.25	19.19	18.91	18.76	20.5
		50	0	19.44	19.51	19.43	19.15	18.65	20.5
		50	25	19.34	19.37	19.28	19.05	18.81	20.5
		50	50	19.45	19.42	19.39	19.15	18.77	20.5
		100	0	19.35	19.52	19.48	19.28	18.93	20.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2595	2641.8	2686.5	
15M	QPSK	1	0	20.86	20.89	20.93	20.82	20.84	22
		1	37	20.77	20.81	20.9	20.83	20.8	22
		1	74	20.86	20.87	20.88	20.88	20.89	22
		36	0	20.86	20.72	20.75	20.65	20.74	22
		36	19	20.73	20.65	20.73	20.69	20.68	22
		36	39	20.75	20.63	20.67	20.42	20.58	22
		75	0	20.76	20.69	20.59	20.41	20.65	22
	16QAM	1	0	20.68	20.48	20.64	20.47	20.71	22
		1	37	20.66	20.51	20.34	20.44	20.64	22
		1	74	20.58	20.51	20.62	20.49	20.64	22
		36	0	20.91	20.46	20.42	20.39	20.57	22
		36	19	20.69	20.67	20.55	20.53	20.53	22
		36	39	20.76	20.79	20.62	20.42	20.47	22
		75	0	20.79	20.79	20.66	20.44	20.67	22
	64QAM	1	0	20.57	20.56	20.57	20.35	20.73	22
		1	37	20.55	20.57	20.71	20.48	20.72	22
		1	74	20.45	20.55	20.72	20.41	20.53	22
		36	0	20.77	20.79	20.66	20.39	20.7	22
		36	19	20.80	20.53	20.47	20.27	20.69	22
		36	39	20.65	20.66	20.52	20.22	20.72	22
		75	0	20.74	20.73	20.59	20.27	20.53	22
	256QAM	1	0	19.16	19.19	19.15	18.89	18.67	20.5
		1	37	19.27	19.23	19.32	19.10	18.97	20.5
		1	74	19.18	19.11	19.16	18.92	18.65	20.5
		36	0	19.34	19.45	19.34	19.09	18.78	20.5
		36	19	19.39	19.36	19.16	19.00	18.62	20.5
		36	39	19.33	19.33	19.24	19.09	18.65	20.5
		75	0	19.36	19.48	19.34	19.16	18.81	20.5

BW	Modulation	Channel		39700	40150	40620	41090	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2595	2643	2689	
10M	QPSK	1	0	20.83	20.73	20.87	20.66	20.8	22
		1	24	20.88	20.87	20.83	20.52	20.76	22
		1	49	20.82	20.49	20.70	20.63	20.62	22
		25	0	20.77	20.71	20.72	20.74	20.63	22
		25	12	20.71	20.54	20.63	20.65	20.58	22
		25	25	20.79	20.53	20.59	20.51	20.6	22
	16QAM	1	0	20.66	20.58	20.63	20.43	20.77	22
		1	24	20.68	20.52	20.62	20.44	20.68	22
		1	49	20.66	20.43	20.61	20.21	20.6	22
		25	0	20.61	20.54	20.41	20.35	20.67	22
		25	12	20.72	20.75	20.66	20.53	20.66	22
		25	25	20.66	20.76	20.66	20.53	20.45	22
	64QAM	1	0	20.66	20.79	20.63	20.42	20.59	22
		1	24	20.66	20.68	20.52	20.32	20.71	22
		1	49	20.45	20.53	20.66	20.48	20.71	22
		25	0	20.48	20.52	20.49	20.25	20.49	22
		25	12	20.73	20.72	20.67	20.39	20.77	22
		25	25	20.67	20.61	20.66	20.43	20.65	22
	256QAM	1	0	20.64	20.66	20.69	20.45	20.49	22
		1	24	19.06	19.13	19.17	18.91	18.66	20.5
		1	49	19.21	19.29	19.37	19.21	18.89	20.5
		25	0	19.17	19.13	19.33	19.07	18.67	20.5
		25	12	19.43	19.39	19.39	19.11	18.81	20.5
		25	25	19.36	19.31	19.13	18.91	18.79	20.5
		50	0	19.34	19.28	19.37	19.28	18.91	20.5

BW	Modulation	Channel		39675	40140	40620	41090	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2546.0	2595	2643.5	2691.0	
5M	QPSK	1	0	20.87	20.78	20.88	20.77	20.81	22
		1	12	20.79	20.89	20.85	20.83	20.8	22
		1	24	20.87	20.85	20.89	20.83	20.83	22
		12	0	20.73	20.68	20.68	20.73	20.7	22
		12	6	20.75	20.58	20.72	20.62	20.53	22
		12	13	20.66	20.64	20.67	20.43	20.66	22
		25	0	20.78	20.59	20.58	20.35	20.69	22
	16QAM	1	0	20.61	20.59	20.53	20.62	20.65	22
		1	12	20.66	20.45	20.55	20.36	20.63	22
		1	24	20.54	20.49	20.67	20.45	20.67	22
		12	0	20.61	20.58	20.57	20.49	20.57	22
		12	6	20.91	20.73	20.73	20.53	20.6	22
		12	13	20.75	20.73	20.79	20.58	20.45	22
		25	0	20.71	20.79	20.66	20.46	20.54	22
	64QAM	1	0	20.58	20.58	20.66	20.45	20.57	22
		1	12	20.87	20.66	20.45	20.36	20.52	22
		1	24	20.53	20.54	20.70	20.38	20.52	22
		12	0	20.76	20.76	20.62	20.53	20.72	22
		12	6	20.87	20.79	20.69	20.46	20.63	22
		12	13	20.64	20.73	20.82	20.57	20.68	22
		25	0	20.89	20.79	20.69	20.38	20.47	22
	256QAM	1	0	19.07	19.14	19.20	18.95	18.77	20.5
		1	12	19.15	19.28	19.36	19.15	18.83	20.5
		1	24	19.15	19.16	19.19	18.84	18.67	20.5
		12	0	19.36	19.37	19.26	19.12	18.83	20.5
		12	6	19.25	19.27	19.22	19.03	18.83	20.5
		12	13	19.28	19.39	19.32	19.07	18.68	20.5
		25	0	19.73	19.71	19.35	19.28	18.9	20.5

LTE Band 41_Ant3 For DSDA

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40150	40620	41090	41490	
		Frequency (MHz)		2506	2545.0	2595	2645.0	2685	
20M	QPSK	1	0	**19.92**	19.68	19.78	19.75	19.77	20
		1	50	19.75	19.64	19.73	19.59	19.72	20
		1	99	19.81	19.62	19.70	19.71	19.59	20
		50	0	19.82	19.49	19.63	19.55	19.59	20
		50	25	19.73	19.67	19.68	19.68	19.59	20
		50	50	19.76	19.64	19.67	19.54	19.55	20
	16QAM	1	0	19.88	19.71	19.77	19.80	19.58	20
		1	50	19.75	19.70	19.72	19.31	19.75	20
		1	99	19.69	19.68	19.73	19.69	19.62	20
		50	0	19.58	19.55	19.65	19.53	19.54	20
		50	25	19.94	19.58	19.71	19.6	19.66	20
		50	50	19.82	19.58	19.66	19.56	19.64	20
	64QAM	1	0	19.67	19.66	19.67	19.58	19.67	20
		1	50	19.74	19.72	19.70	19.67	19.75	20
		1	99	19.68	19.62	19.75	19.69	19.75	20
		50	0	19.58	19.47	19.61	19.52	19.73	20
		50	25	19.74	19.72	19.70	19.67	19.75	20
		50	50	19.78	19.58	19.66	19.55	19.7	20
	256QAM	100	0	19.68	19.76	19.81	19.64	19.79	20
		1	0	19.74	19.64	19.62	19.5	19.58	20
		1	50	19.58	19.56	19.66	19.45	19.54	20
		1	99	19.42	19.39	19.71	19.39	19.59	20
		50	0	19.52	19.49	19.45	19.37	19.74	20
		50	25	19.05	19.08	19.45	19.5	19.75	20
		50	50	19.59	19.39	19.27	19.35	19.62	20
		100	0	19.59	19.53	19.47	19.45	19.69	20

BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2595	2641.8	2686.5	
15M	QPSK	1	0	19.88	19.66	19.63	19.64	19.72	20
		1	37	19.88	19.51	19.61	19.43	19.63	20
		1	74	19.46	19.53	19.66	19.69	19.44	20
		36	0	19.62	19.47	19.48	19.44	19.56	20
		36	19	19.39	19.53	19.65	19.64	19.59	20
		36	39	19.39	19.57	19.66	19.46	19.41	20
		75	0	19.42	19.56	19.74	19.43	19.73	20
	16QAM	1	0	19.88	19.67	19.74	19.68	19.76	20
		1	37	19.72	19.58	19.63	19.45	19.57	20
		1	74	19.69	19.53	19.62	19.70	19.53	20
		36	0	19.38	19.37	19.49	19.46	19.46	20
		36	19	19.67	19.60	19.57	19.62	19.49	20
		36	39	19.39	19.57	19.62	19.51	19.49	20
		75	0	19.57	19.68	19.74	19.52	19.82	20
	64QAM	1	0	19.88	19.68	19.65	19.69	19.71	20
		1	37	19.67	19.67	19.73	19.43	19.57	20
		1	74	19.67	19.53	19.71	19.43	19.53	20
		36	0	19.33	19.45	19.51	19.39	19.39	20
		36	19	19.51	19.51	19.65	19.39	19.64	20
		36	39	19.32	19.51	19.65	19.47	19.49	20
		75	0	19.35	19.74	19.65	19.52	19.81	20
	256QAM	1	0	19.63	19.52	19.49	19.36	19.49	20
		1	37	19.58	19.37	19.49	19.35	19.42	20
		1	74	19.49	19.53	19.74	19.34	19.53	20
		36	0	19.54	19.42	19.31	19.22	19.64	20
		36	19	19.49	19.49	19.39	19.39	19.74	20
		36	39	19.45	19.25	19.65	19.47	19.61	20
		75	0	19.49	19.57	19.34	19.31	19.65	20

BW	Modulation	Channel		39700	40150	40620	41090	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2595	2643	2689	
10M	QPSK	1	0	19.62	19.62	19.64	19.72	19.69	20
		1	24	19.71	19.58	19.72	19.47	19.61	20
		1	49	19.58	19.51	19.67	19.58	19.57	20
		25	0	19.61	19.41	19.49	19.54	19.44	20
		25	12	19.73	19.55	19.69	19.57	19.53	20
		25	25	19.37	19.59	19.59	19.47	19.43	20
	16QAM	1	0	19.87	19.62	19.76	19.49	19.76	20
		1	24	19.82	19.57	19.72	19.66	19.62	20
		1	49	19.58	19.54	19.69	19.64	19.56	20
		25	0	19.69	19.48	19.55	19.43	19.49	20
		25	12	19.60	19.53	19.54	19.53	19.5	20
		25	25	19.41	19.54	19.53	19.39	19.45	20
	64QAM	1	0	19.65	19.52	19.76	19.45	19.75	20
		1	24	19.74	19.53	19.71	19.43	19.71	20
		1	49	19.68	19.59	19.65	19.55	19.52	20
		25	0	19.43	19.41	19.64	19.57	19.39	20
		25	12	19.51	19.48	19.63	19.51	19.59	20
		25	25	19.32	19.53	19.52	19.39	19.45	20
	256QAM	1	0	19.64	19.75	19.78	19.47	19.63	20
		1	24	19.54	19.33	19.54	19.44	19.5	20
		1	49	19.27	19.15	19.66	19.37	19.53	20
		25	0	19.62	19.34	19.42	19.31	19.61	20
		25	12	19.61	19.55	19.37	19.43	19.67	20
		25	25	19.52	19.53	19.72	19.49	19.53	20
		50	0	19.54	19.57	19.33	19.39	19.65	20

BW	Modulation	Channel		39675	40140	40620	41090	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2546.0	2595	2643.5	2691.0	
5M	QPSK	1	0	19.78	19.53	19.76	19.62	19.68	20
		1	12	19.79	19.58	19.78	19.43	19.59	20
		1	24	19.46	19.59	19.57	19.57	19.47	20
		12	0	19.64	19.48	19.59	19.45	19.43	20
		12	6	19.68	19.62	19.69	19.59	19.52	20
		12	13	19.58	19.58	19.62	19.56	19.53	20
		25	0	19.79	19.63	19.74	19.54	19.61	20
	16QAM	1	0	19.91	19.61	19.68	19.63	19.63	20
		1	12	19.87	19.55	19.72	19.66	19.57	20
		1	24	19.60	19.54	19.69	19.67	19.51	20
		12	0	19.62	19.41	19.54	19.44	19.46	20
		12	6	19.62	19.53	19.53	19.64	19.53	20
		12	13	19.58	19.52	19.62	19.48	19.54	20
		25	0	19.77	19.75	19.66	19.47	19.72	20
	64QAM	1	0	19.87	19.62	19.72	19.60	19.67	20
		1	12	19.58	19.58	19.59	19.5	19.5	20
		1	24	19.45	19.66	19.63	19.64	19.6	20
		12	0	19.74	19.55	19.53	19.57	19.49	20
		12	6	19.81	19.57	19.64	19.57	19.58	20
		12	13	19.72	19.72	19.47	19.66	19.49	20
		25	0	19.75	19.76	19.76	19.53	19.77	20
	256QAM	1	0	19.39	19.52	19.47	19.48	19.54	20
		1	12	19.56	19.56	19.54	19.27	19.41	20
		1	24	19.32	19.19	19.63	19.26	19.5	20
		12	0	19.39	19.51	19.49	19.36	19.53	20
		12	6	19.39	19.51	19.45	19.41	19.63	20
		12	13	19.44	19.36	19.58	19.44	19.56	20
		25	0	19.47	19.55	19.38	19.33	19.64	20

LTE Band 41_Ant4

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40150	40620	41090	41490	
		Frequency (MHz)		2506	2545.0	2595	2645.0	2685	
20M	QPSK	1	0	**17.27**	17.32	17.31	17.28	17.29	18
		1	50	17.25	17.26	17.29	17.26	17.19	18
		1	99	17.12	17.11	17.18	17.12	17.21	18
		50	0	17.25	17.26	17.19	17.16	17.23	18
		50	25	17.18	17.14	17.14	17.12	17.21	18
		50	50	17.13	17.12	17.12	17.09	17.18	18
	16QAM	1	0	17.33	17.22	17.27	17.25	17.19	18
		1	50	16.95	16.92	17.19	17.15	17.19	18
		1	99	17.07	16.90	16.89	16.93	17.25	18
		50	0	16.99	16.79	17.02	17.04	17.2	18
		50	25	17.02	16.86	17.11	17.11	17.14	18
		50	50	17.12	17.01	17.16	17.12	16.99	18
	64QAM	100	0	16.98	16.81	17.16	17.18	17.21	18
		1	0	17.21	17.03	17.12	17.16	16.81	18
		1	50	16.84	16.84	16.84	16.84	16.97	18
		1	99	16.99	16.83	17.02	17	16.97	18
		50	0	17.12	16.93	17.06	17.03	16.99	18
		50	25	17.04	16.82	17.23	17.23	17.01	18
		50	50	17.17	16.98	17.02	17.06	17.09	18
	256QAM	100	0	17.07	16.83	17.22	17.27	17.25	18
		1	0	17.06	16.81	17.11	17.11	17.07	18
		1	50	17.15	16.85	17.11	17.11	17.14	18
		1	99	16.90	16.60	17.15	17.1	17.13	18
		50	0	17.11	16.79	17.02	17.02	17.22	18
		50	25	17.11	16.73	16.97	16.96	17.19	18
		50	50	16.97	16.78	16.98	16.98	17.09	18
		100	0	17.07	16.65	16.91	16.89	17.25	18

BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2595	2641.8	2686.5	
15M	QPSK	1	0	17.27	17.21	17.20	17.15	17.13	18
		1	37	17.18	17.14	17.09	17.05	17.12	18
		1	74	17.09	16.97	17.03	17.07	17.13	18
		36	0	17.12	17.12	17.12	17.14	17.17	18
		36	19	17.07	17.09	17.11	17.05	17.13	18
		36	39	16.96	16.90	17.05	17.05	17.05	18
		75	0	17.04	17.26	17.11	17.13	17.22	18
	16QAM	1	0	16.90	16.69	17.04	17.14	17.17	18
		1	37	16.73	16.94	16.94	16.94	16.93	18
		1	74	16.92	16.82	16.87	16.81	17.12	18
		36	0	16.74	16.58	16.86	16.97	17.11	18
		36	19	16.93	16.80	16.94	17.08	17.01	18
		36	39	17.03	16.88	17.05	17.04	16.93	18
		75	0	16.88	16.78	17.03	17.07	17.11	18
	64QAM	1	0	17.11	16.96	17.11	17.15	16.72	18
		1	37	16.71	16.91	16.93	16.94	16.94	18
		1	74	16.84	16.75	16.93	16.75	16.93	18
		36	0	17.15	16.94	16.93	17.03	16.93	18
		36	19	16.93	16.78	17.03	17.03	16.91	18
		36	39	17.15	16.83	17.09	17.16	17.14	18
		75	0	16.88	16.66	17.08	17.27	17.21	18
	256QAM	1	0	16.84	16.67	17.04	17.02	16.84	18
		1	37	16.88	16.70	17.04	16.96	16.93	18
		1	74	16.94	16.75	16.90	17.02	17.07	18
		36	0	17.10	16.75	16.90	17.02	17.07	18
		36	19	17.09	16.70	16.90	17.04	16.98	18
		36	39	16.82	16.43	17.07	17.06	16.98	18
		75	0	16.97	16.68	16.84	16.76	17.22	18

BW	Modulation	Channel		39700	40150	40620	41090	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2595	2643	2689	
10M	QPSK	1	0	17.18	17.20	17.00	17.04	17.17	18
		1	24	17.18	17.20	17.00	17.04	17.17	18
		1	49	17.02	16.97	17.16	17.00	17.11	18
		25	0	17.22	17.11	17.12	17.03	17.19	18
		25	12	17.08	17.15	17.03	17.07	17.17	18
		25	25	16.87	16.88	16.88	16.95	16.99	18
	16QAM	1	0	17.10	17.13	17.13	17.10	17.04	18
		1	24	16.93	16.75	17.16	17.02	17.13	18
		1	49	16.73	16.57	16.94	17.01	16.88	18
		25	0	17.06	16.89	16.74	16.90	17.2	18
		25	12	16.84	16.89	16.89	16.85	17.18	18
		25	25	17.11	16.95	16.74	16.96	17.16	18
	64QAM	1	0	16.89	16.78	17.05	16.95	17.12	18
		1	24	16.78	16.57	16.93	16.91	16.84	18
		1	49	16.94	16.89	16.98	16.91	16.93	18
		25	0	17.11	16.87	16.92	16.97	16.95	18
		25	12	16.99	16.71	17.20	17.17	16.94	18
		25	25	17.04	16.99	17.19	17.26	17.22	18
	256QAM	1	0	17.01	16.76	17.20	17.19	17.23	18
		1	24	16.93	16.91	16.98	17.04	17.01	18
		1	49	16.99	16.77	16.92	16.95	17.04	18
		25	0	16.94	16.47	17.09	16.96	17.01	18
		25	12	16.89	16.67	16.99	16.94	17.21	18
		25	25	17.00	16.69	16.94	16.99	17.12	18
		50	0	16.92	16.62	16.90	16.77	17.19	18

BW	Modulation	Channel		39675	40140	40620	41090	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2546.0	2595	2643.5	2691.0	
5M	QPSK	1	0	17.24	17.23	17.15	17.29	17.19	18
		1	12	17.14	17.17	17.09	17.14	17.19	18
		1	24	16.98	17.11	17.11	17.11	17.15	18
		12	0	17.09	17.07	17.04	17.04	17.13	18
		12	6	17.04	17.14	17.13	17.03	17.16	18
		12	13	16.98	16.92	17.10	17.07	17.07	18
		25	0	17.20	17.17	17.19	17.16	17.14	18
	16QAM	1	0	16.93	16.76	17.14	17.06	17.12	18
		1	12	16.72	16.97	17.07	17.11	16.97	18
		1	24	16.99	16

LTE DSI5

LTE Band 42 FCC Part27Q_Ant1

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequency (MHz)		3460	3500	3540	
20M	QPSK	1	0	16.34	16.10	16.10	17
		1	50	**16.38**	16.35	16.26	17
		1	99	16.31	16.24	16.23	17
		50	0	16.29	16.27	16.28	17
		50	25	16.17	16.09	16.26	17
		50	50	16.28	16.07	16.17	17
		100	0	16.37	16.11	16.15	17
	16QAM	1	0	16.08	16.35	16.09	17
		1	50	16.11	16.15	16.12	17
		1	99	16.15	16.19	16.21	17
		50	0	16.10	16.35	16.10	17
		50	25	16.14	16.24	16.19	17
		50	50	16.29	16.22	16.16	17
		100	0	16.21	16.32	16.17	17
	64QAM	1	0	16.26	16.18	16.20	17
		1	50	16.19	16.09	16.25	17
		1	99	16.34	16.37	16.14	17
		50	0	16.20	16.08	16.28	17
		50	25	16.11	16.11	16.21	17
		50	50	16.35	16.37	16.13	17
		100	0	16.24	16.25	16.32	17
	256QAM	1	0	16.08	16.31	16.32	17
		1	50	16.24	16.34	16.28	17
		1	99	16.23	16.24	16.15	17
		50	0	16.37	16.16	16.19	17
		50	25	16.19	16.30	16.11	17
		50	50	16.13	16.16	16.29	17
		100	0	16.30	16.29	16.36	17
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequency (MHz)		3457.5	3500	3542.5	
15M	QPSK	1	0	16.27	16.04	16.03	17
		1	37	16.25	16.30	16.20	17
		1	74	16.20	16.21	16.23	17
		36	0	16.19	16.19	16.24	17
		36	19	16.10	15.96	16.20	17
		36	39	16.26	15.94	16.03	17
		75	0	16.23	16.02	16.14	17
	16QAM	1	0	16.00	16.22	16.03	17
		1	37	16.00	16.07	16.02	17
		1	74	16.12	16.11	16.06	17
		36	0	15.99	16.06	16.08	17
		36	19	16.09	16.11	16.10	17
		36	39	16.21	16.11	16.01	17
		75	0	16.15	16.29	16.16	17
	64QAM	1	0	16.24	16.08	16.15	17
		1	37	16.09	15.94	16.18	17
		1	74	16.23	16.33	16.10	17
		36	0	16.19	16.04	16.15	17
		36	19	16.05	16.05	16.07	17
		36	39	16.27	16.26	16.04	17
		75	0	16.19	16.23	16.29	17
	256QAM	1	0	15.93	16.17	16.32	17
		1	37	16.21	16.34	16.27	17
		1	74	16.09	16.15	16.13	17
		36	0	16.22	16.08	16.08	17
		36	19	16.13	16.25	16.11	17
		36	39	16.00	16.13	16.28	17
		75	0	16.30	16.15	16.21	17
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequency (MHz)		3455	3500	3545	
10M	QPSK	1	0	16.30	15.99	15.97	17
		1	24	16.27	16.31	16.26	17
		1	49	16.20	16.15	16.22	17
		25	0	16.22	16.12	16.16	17
		25	12	16.08	15.95	16.15	17
		25	25	16.19	16.06	16.17	17
		50	0	16.24	15.96	16.06	17
	16QAM	1	0	15.99	16.29	16.03	17
		1	24	16.05	16.08	16.03	17
		1	49	16.05	16.08	16.09	17
		25	0	16.08	16.24	16.03	17
		25	12	16.02	16.14	16.04	17
		25	25	16.17	16.08	16.07	17
		50	0	16.15	16.21	16.15	17
	64QAM	1	0	16.14	16.10	16.20	17
		1	24	16.15	16.00	16.24	17
		1	49	16.21	16.29	16.06	17
		25	0	16.12	15.93	16.32	17
		25	12	15.96	16.01	16.21	17
		25	25	16.23	16.33	16.07	17
		50	0	16.15	16.13	16.23	17
	256QAM	1	0	16.05	16.17	16.21	17
		1	24	16.20	16.26	16.18	17
		1	49	16.10	16.22	16.03	17
		25	0	16.27	16.02	16.08	17
		25	12	16.04	16.25	16.02	17
		25	25	15.99	16.10	16.29	17
		50	0	16.19	16.26	16.21	17
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequency (MHz)		3452.5	3500	3547.5	
5M	QPSK	1	0	16.20	15.97	16.04	17
		1	12	16.38	16.22	16.19	17
		1	24	16.22	16.18	16.12	17
		12	0	16.22	16.15	16.27	17
		12	6	16.08	16.01	16.25	17
		12	13	16.26	16.08	16.08	17
		25	0	16.27	16.03	16.13	17
	16QAM	1	0	16.05	16.32	16.06	17
		1	12	16.09	16.11	16.03	17
		1	24	16.05	16.07	16.21	17
		12	0	15.95	16.23	16.00	17
		12	6	16.10	16.18	16.07	17
		12	13	16.18	16.19	16.14	17
		25	0	16.20	16.32	16.11	17
	64QAM	1	0	16.24	16.06	16.12	17
		1	12	16.04	15.99	16.22	17
		1	24	16.28	16.27	16.13	17
		12	0	16.07	16.02	16.16	17
		12	6	16.10	16.06	16.20	17
		12	13	16.35	16.39	16.01	17
		25	0	16.13	16.13	16.17	17
	256QAM	1	0	16.07	16.31	16.25	17
		1	12	16.21	16.19	16.19	17
		1	24	16.08	16.17	16.00	17
		12	0	16.32	16.10	16.17	17
		12	6	16.11	16.15	15.99	17
		12	13	16.07	16.13	16.17	17
		25	0	16.23	16.19	16.29	17

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BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43340	43490	
		Frequency (MHz)		3560	3575	3590	
20M	QPSK	1	0	15.89	16.26	16.16	17
		1	50	**16.38**	16.23	16.30	17
		1	99	16.17	16.09	16.15	17
		50	0	16.28	16.13	16.14	17
		50	25	16.19	16.13	16.12	17
		50	50	16.31	16.22	16.17	17
		100	0	16.30	16.25	16.23	17
	16QAM	1	0	16.35	16.23	16.13	17
		1	50	16.29	16.16	16.34	17
		1	99	16.15	16.21	16.28	17
		50	0	16.08	16.17	16.11	17
		50	25	16.34	16.19	16.30	17
		50	50	16.16	16.23	16.07	17
		100	0	16.12	16.07	16.25	17
	64QAM	1	0	16.26	16.29	16.22	17
		1	50	16.11	16.36	16.33	17
		1	99	16.27	16.31	16.25	17
		50	0	16.18	16.32	16.26	17
		50	25	16.14	16.16	16.32	17
		50	50	16.34	16.12	16.16	17
		100	0	16.17	16.19	16.27	17
	256QAM	1	0	16.12	16.25	16.32	17
		1	50	16.34	16.17	16.30	17
		1	99	16.35	16.29	16.28	17
		50	0	16.22	16.34	16.37	17
		50	25	16.08	16.18	16.22	17
		50	50	16.37	16.32	16.14	17
		100	0	16.27	16.16	16.22	17
BW	MCS Index	Channel		43165	43340	43515	Max. Tune-up
		Frequency (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	15.75	16.13	16.02	17
		1	37	16.38	16.13	16.27	17
		1	74	16.05	15.95	16.06	17
		36	0	16.22	16.12	16.00	17
		36	19	16.06	16.12	16.03	17
		36	39	16.23	16.20	16.11	17
		75	0	16.30	16.25	16.21	17
	16QAM	1	0	16.29	16.17	16.00	17
		1	37	16.15	16.04	16.29	17
		1	74	16.09	16.14	16.13	17
		36	0	16.05	16.05	16.01	17
		36	19	16.25	16.14	16.18	17
		36	39	16.16	16.08	15.96	17
		75	0	15.99	16.06	16.14	17
	64QAM	1	0	16.19	16.22	16.21	17
		1	37	16.01	16.32	16.32	17
		1	74	16.23	16.21	16.22	17
		36	0	16.04	16.31	16.12	17
		36	19	16.00	16.02	16.18	17
		36	39	16.30	16.07	16.06	17
		75	0	16.11	16.07	16.12	17
	256QAM	1	0	16.00	16.25	16.26	17
		1	37	16.23	16.15	16.24	17
		1	74	16.26	16.20	16.23	17
		36	0	16.18	16.19	16.26	17
		36	19	16.07	16.08	16.10	17
		36	39	16.37	16.20	16.13	17
		75	0	16.20	16.14	16.11	17
BW	MCS Index	Channel		43140	43340	43540	Max. Tune-up
		Frequency (MHz)		3555	3575	3595	
10M	QPSK	1	0	15.85	16.25	16.04	17
		1	24	16.33	16.20	16.24	17
		1	49	16.16	15.94	16.09	17
		25	0	16.22	16.02	16.10	17
		25	12	16.17	16.03	16.05	17
		25	25	16.24	16.07	16.05	17
		50	0	16.18	16.11	16.10	17
	16QAM	1	0	16.21	16.15	16.12	17
		1	24	16.20	16.08	16.33	17
		1	49	16.06	16.08	16.15	17
		25	0	16.06	16.11	16.03	17
		25	12	16.24	16.10	16.27	17
		25	25	16.14	16.22	16.06	17
		50	0	16.09	16.07	16.14	17
	64QAM	1	0	16.14	16.27	16.08	17
		1	24	15.98	16.24	16.32	17
		1	49	16.19	16.23	16.22	17
		25	0	16.18	16.31	16.12	17
		25	12	16.04	16.13	16.24	17
		25	25	16.33	15.97	16.02	17
		50	0	16.16	16.17	16.21	17
	256QAM	1	0	16.03	16.13	16.31	17
		1	24	16.28	16.17	16.21	17
		1	49	16.22	16.25	16.23	17
		25	0	16.15	16.30	16.34	17
		25	12	16.06	16.05	16.12	17
		25	25	16.30	16.29	16.10	17
		50	0	16.20	16.03	16.17	17
BW	MCS Index	Channel		43115	43340	43565	Max. Tune-up
		Frequency (MHz)		3552.5	3575	3597.5	
5M	QPSK	1	0	15.88	16.24	16.12	17
		1	12	16.23	16.19	16.24	17
		1	24	16.06	16.01	16.05	17
		12	0	16.27	16.10	16.09	17
		12	6	16.06	16.08	16.08	17
		12	13	16.15	16.18	16.06	17
		25	0	16.30	16.18	16.22	17
	16QAM	1	0	16.23	16.10	16.12	17
		1	12	16.22	16.15	16.28	17
		1	24	16.08	16.19	16.21	17
		12	0	16.06	16.17	16.25	17
		12	6	16.30	16.11	16.26	17
		12	13	16.16	16.18	16.07	17
		25	0	16.08	16.07	16.13	17
	64QAM	1	0	16.24	16.16	16.13	17
		1	12	16.04	16.25	16.21	17
		1	24	16.18	16.20	16.13	17
		12	0	16.14	16.32	16.16	17
		12	6	16.09	16.06	16.31	17
		12	13	16.27	16.00	16.08	17
		25	0	16.16	16.14	16.23	17
	256QAM	1	0	16.02	16.18	16.28	17
		1	12	16.34	16.02	16.23	17
		1	24	16.33	16.29	16.20	17
		12	0	16.19	16.23	16.35	17
		12	6	16.06	16.07	16.08	17
		12	13	16.34	16.17	16.04	17
		25	0	16.23	16.06	16.12	17

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BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequency (MHz)		3460	3500	3540	
20M	QPSK	1	0	14.67	14.81	14.62	15.5
		1	50	**14.89**	14.82	14.87	15.5
		1	99	14.81	14.75	14.84	15.5
		50	0	14.83	14.75	14.80	15.5
		50	25	14.85	14.82	14.82	15.5
		50	50	14.72	14.81	14.80	15.5
		100	0	14.88	14.86	14.85	15.5
	16QAM	1	0	14.70	14.76	14.76	15.5
		1	50	14.87	14.84	14.76	15.5
		1	99	14.87	14.69	14.86	15.5
		50	0	14.75	14.86	14.74	15.5
		50	25	14.88	14.78	14.77	15.5
		50	50	14.84	14.61	14.80	15.5
		100	0	14.74	14.68	14.81	15.5
	64QAM	1	0	14.69	14.85	14.67	15.5
		1	50	14.64	14.69	14.65	15.5
		1	99	14.59	14.77	14.70	15.5
		50	0	14.64	14.65	14.66	15.5
		50	25	14.64	14.78	14.72	15.5
		50	50	14.71	14.75	14.82	15.5
		100	0	14.70	14.80	14.71	15.5
	256QAM	1	0	14.64	14.60	14.82	15.5
		1	50	14.63	14.72	14.66	15.5
		1	99	14.58	14.70	14.85	15.5
		50	0	14.87	14.75	14.71	15.5
		50	25	14.66	14.59	14.66	15.5
		50	50	14.77	14.76	14.75	15.5
		100	0	14.87	14.71	14.64	15.5
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequency (MHz)		3457.5	3500	3542.5	
15M	QPSK	1	0	14.63	14.72	14.49	15.5
		1	37	14.79	14.74	14.77	15.5
		1	74	14.81	14.67	14.77	15.5
		36	0	14.73	14.65	14.73	15.5
		36	19	14.77	14.70	14.74	15.5
		36	39	14.64	14.67	14.74	15.5
		75	0	14.76	14.80	14.76	15.5
	16QAM	1	0	14.62	14.76	14.68	15.5
		1	37	14.81	14.83	14.62	15.5
		1	74	14.81	14.62	14.84	15.5
		36	0	14.71	14.80	14.80	15.5
		36	19	14.87	14.65	14.63	15.5
		36	39	14.82	14.59	14.50	15.5
		75	0	14.72	14.54	14.73	15.5
	64QAM	1	0	14.66	14.73	14.55	15.5
		1	37	14.55	14.54	14.60	15.5
		1	74	14.52	14.73	14.56	15.5
		36	0	14.61	14.53	14.56	15.5
		36	19	14.54	14.73	14.60	15.5
		36	39	14.65	14.72	14.67	15.5
		75	0	14.57	14.68	14.57	15.5
	256QAM	1	0	14.50	14.47	14.80	15.5
		1	37	14.58	14.64	14.51	15.5
		1	74	14.53	14.55	14.73	15.5
		36	0	14.82	14.68	14.58	15.5
		36	19	14.83	14.47	14.59	15.5
		36	39	14.73	14.73	14.64	15.5
		75	0	14.79	14.57	14.52	15.5
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequency (MHz)		3455	3500	3545	
10M	QPSK	1	0	14.57	14.68	14.56	15.5
		1	24	14.86	14.78	14.76	15.5
		1	49	14.72	14.66	14.77	15.5
		25	0	14.73	14.63	14.74	15.5
		25	12	14.75	14.82	14.74	15.5
		25	25	14.65	14.71	14.76	15.5
		50	0	14.82	14.78	14.76	15.5
	16QAM	1	0	14.69	14.63	14.62	15.5
		1	24	14.75	14.80	14.67	15.5
		1	49	14.80	14.60	14.75	15.5
		25	0	14.71	14.71	14.70	15.5
		25	12	14.76	14.73	14.65	15.5
		25	25	14.70	14.61	14.65	15.5
		50	0	14.68	14.66	14.66	15.5
	64QAM	1	0	14.63	14.82	14.62	15.5
		1	24	14.54	14.63	14.59	15.5
		1	49	14.54	14.75	14.60	15.5
		25	0	14.59	14.60	14.52	15.5
		25	12	14.56	14.76	14.60	15.5
		25	25	14.65	14.67	14.79	15.5
		50	0	14.62	14.77	14.59	15.5
	256QAM	1	0	14.62	14.44	14.76	15.5
		1	24	14.53	14.66	14.60	15.5
		1	49	14.50	14.64	14.71	15.5
		25	0	14.76	14.60	14.70	15.5
		25	12	14.73	14.50	14.53	15.5
		25	25	14.62	14.70	14.68	15.5
		50	0	14.74	14.60	14.53	15.5
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequency (MHz)		3452.5	3500	3547.5	
5M	QPSK	1	0	14.65	14.81	14.48	15.5
		1	12	14.81	14.72	14.87	15.5
		1	24	14.79	14.62	14.81	15.5
		12	0	14.69	14.65	14.70	15.5
		12	6	14.78	14.81	14.75	15.5
		12	13	14.59	14.80	14.74	15.5
		25	0	14.80	14.77	14.75	15.5
	16QAM	1	0	14.70	14.76	14.71	15.5
		1	12	14.73	14.80	14.66	15.5
		1	24	14.81	14.60	14.85	15.5
		12	0	14.81	14.74	14.74	15.5
		12	6	14.76	14.78	14.68	15.5
		12	13	14.76	14.47	14.50	15.5
		25	0	14.70	14.66	14.68	15.5
	64QAM	1	0	14.59	14.65	14.59	15.5
		1	12	14.62	14.57	14.59	15.5
		1	24	14.53	14.77	14.60	15.5
		12	0	14.49	14.63	14.51	15.5
		12	6	14.61	14.71	14.70	15.5
		12	13	14.64	14.60	14.81	15.5
		25	0	14.63	14.72	14.63	15.5
	256QAM	1	0	14.56	14.46	14.74	15.5
		1	12	14.53	14.72	14.53	15.5
		1	24	14.45	14.62	14.81	15.5
		12	0	14.72	14.73	14.64	15.5
		12	6	14.74	14.48	14.57	15.5
		12	13	14.76	14.61	14.71	15.5
		25	0	14.84	14.70	14.63	15.5

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BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43340	43490	
		Frequency (MHz)		3560	3575	3590	
20M	QPSK	1	0	14.49	14.34	14.43	15.5
		1	50	14.55	14.43	**14.60**	15.5
		1	99	14.45	14.32	14.34	15.5
		50	0	14.48	14.48	14.52	15.5
		50	25	14.43	14.44	14.38	15.5
		50	50	14.55	14.51	14.55	15.5
		100	0	14.54	14.48	14.54	15.5
	16QAM	1	0	14.33	14.33	14.57	15.5
		1	50	14.39	14.40	14.54	15.5
		1	99	14.37	14.43	14.53	15.5
		50	0	14.48	14.29	14.44	15.5
		50	25	14.36	14.44	14.30	15.5
		50	50	14.35	14.34	14.47	15.5
		100	0	14.57	14.49	14.43	15.5
	64QAM	1	0	14.58	14.59	14.38	15.5
		1	50	14.50	14.33	14.57	15.5
		1	99	14.45	14.51	14.31	15.5
		50	0	14.47	14.36	14.46	15.5
		50	25	14.35	14.29	14.41	15.5
		50	50	14.57	14.35	14.37	15.5
		100	0	14.56	14.43	14.52	15.5
	256QAM	1	0	14.58	14.43	14.51	15.5
		1	50	14.37	14.37	14.30	15.5
		1	99	14.37	14.49	14.56	15.5
		50	0	14.35	14.50	14.31	15.5
		50	25	14.50	14.45	14.50	15.5
		50	50	14.39	14.37	14.34	15.5
		100	0	14.43	14.43	14.40	15.5
BW	MCS Index	Channel		43165	43340	43515	Max. Tune-up
		Frequency (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	14.43	14.20	14.35	15.5
		1	37	14.54	14.29	14.54	15.5
		1	74	14.42	14.17	14.21	15.5
		36	0	14.37	14.47	14.41	15.5
		36	19	14.30	14.34	14.29	15.5
		36	39	14.55	14.41	14.43	15.5
		75	0	14.45	14.34	14.48	15.5
	16QAM	1	0	14.32	14.30	14.46	15.5
		1	37	14.28	14.33	14.44	15.5
		1	74	14.25	14.30	14.51	15.5
		36	0	14.46	14.15	14.43	15.5
		36	19	14.35	14.43	14.29	15.5
		36	39	14.32	14.27	14.43	15.5
		75	0	14.55	14.44	14.32	15.5
	64QAM	1	0	14.51	14.45	14.35	15.5
		1	37	14.49	14.28	14.47	15.5
		1	74	14.33	14.36	14.22	15.5
		36	0	14.46	14.23	14.34	15.5
		36	19	14.34	14.29	14.26	15.5
		36	39	14.43	14.28	14.29	15.5
		75	0	14.58	14.42	14.37	15.5
	256QAM	1	0	14.47	14.36	14.42	15.5
		1	37	14.22	14.26	14.16	15.5
		1	74	14.26	14.39	14.52	15.5
		36	0	14.35	14.45	14.26	15.5
		36	19	14.40	14.35	14.54	15.5
		36	39	14.35	14.31	14.20	15.5
		75	0	14.30	14.35	14.39	15.5
BW	MCS Index	Channel		43140	43340	43540	Max. Tune-up
		Frequency (MHz)		3555	3575	3595	
10M	QPSK	1	0	14.34	14.30	14.42	15.5
		1	24	14.40	14.31	14.50	15.5
		1	49	14.43	14.29	14.19	15.5
		25	0	14.39	14.33	14.50	15.5
		25	12	14.42	14.29	14.24	15.5
		25	25	14.48	14.41	14.40	15.5
		50	0	14.43	14.37	14.44	15.5
	16QAM	1	0	14.24	14.34	14.56	15.5
		1	24	14.35	14.37	14.50	15.5
		1	49	14.28	14.38	14.46	15.5
		25	0	14.39	14.24	14.34	15.5
		25	12	14.31	14.43	14.22	15.5
		25	25	14.25	14.23	14.43	15.5
		50	0	14.50	14.36	14.37	15.5
	64QAM	1	0	14.49	14.51	14.24	15.5
		1	24	14.37	14.28	14.40	15.5
		1	49	14.42	14.46	14.27	15.5

LTE DSI5

LTE Band 42 FCC Part27Q_Ant3

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	43590	44990	
		Frequency (MHz)		3460	3600	3740	
20M	QPSK	1	0	18.79	18.96	18.81	20
		1	50	**19.03**	18.96	19.02	20
		1	99	18.95	18.74	18.80	20
		50	0	18.82	18.75	18.90	20
		50	25	19.02	18.81	18.95	20
		50	50	19.01	18.77	18.80	20
		100	0	18.98	18.97	18.88	20
	16QAM	1	0	18.90	18.74	18.74	20
		1	50	18.90	18.75	18.80	20
		1	99	18.98	18.97	18.92	20
		50	0	18.78	18.80	18.96	20
		50	25	18.84	18.81	18.76	20
		50	50	18.90	18.87	18.74	20
		100	0	18.97	18.72	18.95	20
	64QAM	1	0	18.83	18.86	18.77	20
		1	50	18.98	19.02	18.73	20
		1	99	18.93	18.98	19.01	20
		50	0	19.00	18.80	19.02	20
		50	25	18.89	18.82	18.75	20
		50	50	18.74	18.81	18.77	20
		100	0	18.85	18.81	18.76	20
	256QAM	1	0	18.78	18.94	18.95	20
		1	50	18.76	18.84	18.98	20
		1	99	18.80	18.86	18.75	20
		50	0	18.99	18.78	18.73	20
		50	25	19.00	18.97	18.88	20
		50	50	18.95	19.00	18.83	20
		100	0	18.88	18.94	18.90	20
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequency (MHz)		3457.5	3590	3542.5	
15M	QPSK	1	0	18.73	18.83	18.76	20
		1	37	18.98	18.89	18.92	20
		1	74	18.88	18.65	18.68	20
		36	0	18.75	18.60	18.81	20
		36	19	18.99	18.66	18.90	20
		36	39	19.00	18.73	18.73	20
		75	0	18.85	18.96	18.84	20
	16QAM	1	0	18.75	18.64	18.59	20
		1	37	18.84	18.67	18.77	20
		1	74	18.90	18.84	18.89	20
		36	0	18.83	18.71	18.84	20
		36	19	18.73	18.68	18.71	20
		36	39	18.80	18.85	18.59	20
		75	0	18.93	18.70	18.94	20
	64QAM	1	0	18.73	18.76	18.76	20
		1	37	18.93	18.95	18.69	20
		1	74	18.79	18.97	18.96	20
		36	0	18.96	18.70	18.88	20
		36	19	18.83	18.71	18.63	20
		36	39	18.70	18.74	18.67	20
		75	0	18.75	18.74	18.66	20
	256QAM	1	0	18.64	18.94	18.81	20
		1	37	18.68	18.79	18.95	20
		1	74	18.67	18.73	18.63	20
		36	0	18.88	18.71	18.71	20
		36	19	18.93	18.86	18.74	20
		36	39	18.94	18.92	18.75	20
		75	0	18.78	18.89	18.66	20
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequency (MHz)		3455	3590	3545	
10M	QPSK	1	0	18.79	18.92	18.78	20
		1	24	18.92	18.90	18.95	20
		1	49	18.91	18.68	18.74	20
		25	0	18.68	18.63	18.87	20
		25	12	18.91	18.80	18.80	20
		25	25	18.90	18.67	18.66	20
		50	0	18.92	18.86	18.85	20
	16QAM	1	0	18.83	18.69	18.64	20
		1	24	18.83	18.69	18.65	20
		1	49	18.87	18.85	18.88	20
		25	0	18.67	18.68	18.83	20
		25	12	18.70	18.69	18.71	20
		25	25	18.82	18.79	18.69	20
		50	0	18.87	18.72	18.82	20
	64QAM	1	0	18.83	18.84	18.70	20
		1	24	18.88	18.93	18.59	20
		1	49	18.84	18.97	18.91	20
		25	0	18.89	18.77	18.74	20
		25	12	18.82	18.75	18.74	20
		25	25	18.73	18.74	18.75	20
		50	0	18.83	18.74	18.72	20
	256QAM	1	0	18.76	18.93	18.82	20
		1	24	18.65	18.72	18.94	20
		1	49	18.68	18.72	18.66	20
		25	0	18.85	18.76	18.63	20
		25	12	18.93	18.95	18.80	20
		25	25	18.84	18.97	18.76	20
		50	0	18.87	18.82	18.75	20
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequency (MHz)		3452.5	3590	3547.5	
5M	QPSK	1	0	18.70	18.82	18.75	20
		1	12	19.01	18.94	19.02	20
		1	24	18.86	18.74	18.74	20
		12	0	18.72	18.66	18.90	20
		12	6	18.91	18.67	18.90	20
		12	13	18.86	18.67	18.67	20
		25	0	18.98	18.84	18.80	20
	16QAM	1	0	18.84	18.63	18.71	20
		1	12	18.85	18.68	18.65	20
		1	24	18.84	18.83	18.80	20
		12	0	18.71	18.80	18.81	20
		12	6	18.77	18.67	18.70	20
		12	13	18.81	18.80	18.66	20
		25	0	18.94	18.66	18.85	20
	64QAM	1	0	18.69	18.80	18.67	20
		1	12	18.86	19.00	18.59	20
		1	24	18.86	18.89	18.96	20
		12	0	18.94	18.80	18.91	20
		12	6	18.81	18.75	18.65	20
		12	13	18.66	18.69	18.66	20
		25	0	18.78	18.71	18.74	20
	256QAM	1	0	18.68	18.91	18.89	20
		1	12	18.66	18.83	18.85	20
		1	24	18.71	18.77	18.60	20
		12	0	18.89	18.77	18.60	20
		12	6	18.85	18.88	18.84	20
		12	13	18.85	18.90	18.78	20
		25	0	18.84	18.69	18.77	20

LTE Band 42 FCC Part96_Ant3

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43340	43490	
		Frequency (MHz)		3560	3575	3590	
20M	QPSK	1	0	18.56	18.67	18.80	20
		1	50	**18.83**	18.71	18.81	20
		1	99	18.56	18.69	18.74	20
		50	0	18.40	18.65	18.70	20
		50	25	18.82	18.75	18.81	20
		50	50	18.67	18.59	18.78	20
		100	0	18.77	18.74	18.61	20
	16QAM	1	0	18.75	18.75	18.76	20
		1	50	18.54	18.67	18.67	20
		1	99	18.62	18.66	18.62	20
		50	0	18.55	18.80	18.65	20
		50	25	18.61	18.78	18.69	20
		50	50	18.80	18.73	18.64	20
		100	0	18.53	18.73	18.79	20
	64QAM	1	0	18.70	18.78	18.71	20
		1	50	18.79	18.80	18.71	20
		1	99	18.56	18.65	18.81	20
		50	0	18.74	18.77	18.81	20
		50	25	18.67	18.76	18.80	20
		50	50	18.76	18.75	18.76	20
		100	0	18.53	18.56	18.75	20
	256QAM	1	0	18.53	18.60	18.81	20
		1	50	18.61	18.55	18.66	20
		1	99	18.68	18.65	18.66	20
		50	0	18.65	18.54	18.71	20
		50	25	18.75	18.79	18.77	20
		50	50	18.66	18.77	18.68	20
		100	0	18.67	18.68	18.57	20
BW	MCS Index	Channel		43165	43340	43515	Max. Tune-up
		Frequency (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	18.53	18.66	18.78	20
		1	37	18.75	18.60	18.80	20
		1	74	18.54	18.69	18.73	20
		36	0	18.70	18.60	18.59	20
		36	19	18.73	18.63	18.74	20
		36	39	18.60	18.59	18.76	20
		75	0	18.67	18.61	18.47	20
	16QAM	1	0	18.61	18.75	18.67	20
		1	37	18.42	18.66	18.67	20
		1	74	18.49	18.64	18.50	20
		36	0	18.44	18.74	18.64	20
		36	19	18.50	18.70	18.66	20
		36	39	18.72	18.71	18.58	20
		75	0	18.45	18.69	18.74	20
	64QAM	1	0	18.55	18.77	18.63	20
		1	37	18.67	18.80	18.65	20
		1	74	18.45	18.55	18.69	20
		36	0	18.67	18.75	18.69	20
		36	19	18.52	18.64	18.72	20
		36	39	18.66	18.64	18.68	20
		75	0	18.50	18.54	18.75	20
	256QAM	1	0	18.51	18.60	18.71	20
		1	37	18.50	18.46	18.65	20
		1	74	18.62	18.52	18.51	20
		36	0	18.56	18.46	18.62	20
		36	19	18.71	18.64	18.62	20
		36	39	18.61	18.72	18.66	20
		75	0	18.63	18.56	18.44	20
BW	MCS Index	Channel		43140	43340	43540	Max. Tune-up
		Frequency (MHz)		3555	3575	3595	
10M	QPSK	1	0	18.45	18.60	18.71	20
		1	24	18.78	18.62	18.81	20
		1	49	18.51	18.62	18.74	20
		25	0	18.76	18.56	18.67	20
		25	12	18.69	18.61	18.73	20
		25	25	18.60	18.47	18.69	20
		50	0	18.67	18.71	18.52	20
	16QAM	1	0	18.70	18.66	18.70	20
		1	24	18.39	18.52	18.65	20
		1	49	18.51	18.54	18.52	20
		25	0	18.42	18.70	18.57	20
		25	12	18.59	18.68	18.54	20
		25	25	18.78	18.65	18.54	20
		50	0	18.52	18.61	18.68	20
	64QAM	1	0	18.65	18.66	18.70	20
		1	24	18.76	18.80	18.62	20
		1	49	18.51	18.56	18.67	20
		25	0	18.71	18.76	18.81	20
		25	12	18.63	18.73	18.75	20
		25	25	18.70	18.67	18.65	20
		50	0	18.49	18.55	18.74	20
	256QAM	1	0	18.44	18.49	18.72	20
		1	24	18.59	18.49	18.54	20
		1	49	18.66	18.64	18.61	20
		25	0	18.62	18.42	18.56	20
		25	12	18.61	18.68	18.72	20
		25	25	18.65	18.63	18.56	20
		50	0	18.62	18.66	18.56	20
BW	MCS Index	Channel		43115	43340	43565	Max. Tune-up
		Frequency (MHz)		3552.5	3575	3597.5	
5M	QPSK	1	0	18.56	18.67	18.74	20
		1	12	18.76	18.71	18.71	20
		1	24	18.45	18.64	18.64	20
		12	0	18.73	18.50	18.58	20
		12	6	18.75	18.74	18.67	20
		12	13	18.71	18.67	18.71	20
		25	0	18.76	18.70	18.57	20
	16QAM	1	0	18.65	18.74	18.71	20
		1	12	18.50	18.66	18.63	20
		1	24	18.59	18.66	18.53	20
		12	0	18.48	18.60	18.58	20
		12	6	18.57	18.76	18.55	20
		12	13	18.73	18.60	18.59	20
		25	0	18.44	18.63	18.64	20
	64QAM	1	0	18.70	18.78	18.72	20
		1	12	18.73	18.79	18.67	20
		1	24	18.53	18.65	18.77	20
		12	0	18.65	18.64	18.66	20
		12	6	18.54	18.74	18.73	20
		12	13	18.73	18.60	18.64	20
		25	0	18.45	18.51	18.64	20
	256QAM	1	0	18.38	18.58	18.66	20
		1	12	18.54	18.53	18.56	20
		1	24	18.58	18.52	18.58	20
		12	0	18.54	18.42	18.69	20
		12	6	18.61	18.71	18.76	20
		12	13	18.53	18.69	18.53	20
		25	0	18.56	18.68	18.56	20

LTE Band 42 FCC Part27Q_Ant7

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		42190	42590	42990	
		Frequency (MHz)		3460	3590	3540	
20M	QPSK	1	0	18.11	18.27	18.15	19
		1	50	**18.33**	18.29	18.25	19
		1	99	18.18	18.16	18.22	19
		50	0	18.11	18.17	18.25	19
		50	25	18.28	18.19	18.27	19
		50	50	18.11	18.16	18.08	19
		100	0	18.31	18.25	18.08	19
	16QAM	1	0	18.04	18.13	18.23	19
		1	50	18.31	18.27	18.19	19
		1	99	18.10	18.09	18.20	19
		50	0	18.21	18.30	18.19	19
		50	25	18.14	18.08	18.29	19
		50	50	18.16	18.17	18.12	19
		100	0	18.32	18.06	18.06	19
	64QAM	1	0	18.22	18.24	18.19	19
		1	50	18.15	18.09	18.06	19
		1	99	18.16	18.11	18.03	19
		50	0	18.09	18.29	18.19	19
		50	25	18.29	18.12	18.04	19
		50	50	18.20	18.16	18.04	19
		100	0	18.07	18.06	18.06	19
	256QAM	1	0	16.94	17.01	16.91	18
		1	50	17.15	17.03	16.90	18
		1	99	16.75	16.82	16.82	18
		50	0	16.87	17.00	16.89	18
		50	25	16.86	17.01	16.97	18
		50	50	16.87	17.00	16.89	18
		100	0	17.01	17.03	16.90	18
BW	MCS Index	Channel		42165	42590	43015	Max. Tune-up
		Frequency (MHz)		3457.5	3590	3542.5	
15M	QPSK	1	0	17.99	18.14	18.15	19
		1	37	18.30	18.28	18.25	19
		1	74	18.04	18.14	18.19	19
		36	0	18.10	18.08	18.12	19
		36	19	18.28	18.18	18.19	19
		36	39	18.02	18.06	17.97	19
		75	0	18.28	18.10	18.01	19
	16QAM	1	0	17.90	17.98	18.22	19
		1	37	18.20	18.27	18.11	19
		1	74	18.01	18.04	18.15	19
		36	0	18.12	18.21	18.13	19
		36	19	18.05	18.06	18.18	19
		36	39	18.15	18.07	18.02	19
		75	0	18.17	18.00	17.99	19
	64QAM	1	0	18.19	18.16	18.11	19
		1	37	18.01	17.99	18.02	19
		1	74	18.12	17.97	17.88	19
		36	0	18.00	18.16	18.12	19
		36	19	18.15	17.99	17.97	19
		36	39	18.20	18.15	18.03	19
		75	0	17.95	18.02	18.04	19
	256QAM	1	0	16.82	16.87	16.79	18
		1	37	17.13	16.89	16.84	18
		1	74	16.69	16.68	16.80	18
		36	0	16.85	16.98	16.79	18
		36	19	16.74	17.00	16.86	18
		36	39	16.72	16.89	16.77	18
		75	0	16.94	16.98	16.82	18
BW	MCS Index	Channel		42140	42590	43040	Max. Tune-up
		Frequency (MHz)		3455	3590	3545	
10M	QPSK	1	0	17.86	18.14	18.03	19
		1	24	18.25	18.16	18.15	19
		1	49	17.90	18.14	18.04	19
		25	0	18.07	17.95	18.00	19
		25	12	18.23	18.13	18.13	19
		25	25	17.90	18.06	17.93	19
		50	0	18.23	18.07	17.88	19
	16QAM	1	0	17.81	17.97	18.08	19
		1	24	18.07	18.22	18.07	19
		1	49	17.91	18.00	18.02	19
		25	0	18.02	18.06	18.12	19
		25	12	17.91	17.95	18.17	19
		25	25	18.05	18.00	17.89	19
		50	0	18.03	17.87	17.87	19
	64QAM	1	0	18.08	18.13	18.04	19
		1	24	17.89	17.93	17.90	19
		1	49	18.09	17.86	17.88	19
		25	0	17.86	18.08	18.10	19
		25	12	18.07	17.84	17.91	19
		25	25	18.15	18.05	18.01	19
		50	0	17.81	18.00	17.98	19
	256QAM	1	0	16.81	16.87	16.94	18
		1	24	17.13	16.89	16.89	18
		1	49	16.68	16.73	16.69	18
		25	0	16.79	16.97	16.86	18
		25	12	16.76	16.87	16.89	18
		25	25	16.72	16.86	16.75	18
		50	0	16.93	16.98	16.76	18
BW	MCS Index	Channel		42115	42590	43065	Max. Tune-up
		Frequency (MHz)		3452.5	3590	3547.5	
5M	QPSK	1	0	17.78	18.12	18.00	19
		1	12	18.21	18.01	18.09	19
		1	24	17.84	18.08	17.95	19
		12	0	17.93	17.80	17.98	19
		12	6	18.18	18.04	18.07	19
		12	13	17.87	17.95	17.79	19
		25	0	18.08	18.06	17.73	19
	16QAM	1	0	17.78	17.88	17.97	19
		1	12	17.95	18.21	17.98	19
		1	24	17.78	17.94	17.93	19
		12	0	17.99	17.98	18.10	19
		12	6	17.76	17.84	18.10	19
		12	13	18.00	17.94	17.85	19
		25	0	17.89	17.76	17.75	19
	64QAM	1	0	17.99	18.07	18.09	19
		1	12	17.89	17.83	17.80	19
		1	24	18.04	17.77	17.82	19
		12	0	17.79	18.03	18.02	19
		12	6	18.03	17.76	17.86	19
		12	13	18.15	18.02	17.96	19
		25	0	17.71	17.98	17.95	19
	256QAM	1	0	16.90	16.90	16.77	18
		1	12	17.04	16.89	16.75	18
		1	24	16.62	16.79	16.68	18
		12	0	16.84	16.93	16.86	18
		12	6	16.76	16.96	16.87	18
		12	13	16.75	16.86	16.79	18
		25	0	16.93	16.90	16.83	18

LTE Band 42 FCC Part96_Ant7

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		43190	43340	43490	
		Frequency (MHz)		3560	3575	3590	
20M	QPSK	1	0	18.16	18.10	17.93	19
		1	50	**18.22**	18.20	18.14	19
		1	99	17.95	18.00	18.07	19
		50	0	17.97	18.00	18.07	19
		50	25	18.15	18.02	18.08	19
		50	50	18.00	18.00	18.11	19
		100	0	18.20	18.06	18.11	19
	16QAM	1	0	17.99	18.16	18.15	19
		1	50	18.18	18.03	18.20	19
		1	99	18.18	18.21	17.99	19
		50	0	18.04	18.09	17.95	19
		50	25	17.96	17.93	18.15	19
		50	50	18.16	18.11	18.18	19
		100	0	18.18	17.91	17.92	19
	64QAM	1	0	17.91	17.97	18.12	19
		1	50	18.13	18.15	18.15	19
		1	99	18.08	18.19	17.99	19
		50	0	18.05	17.94	17.94	19
		50	25	17.91	18.00	18.12	19
		50	50	17.98	18.16	18.04	19
		100	0	18.11	17.94	18.12	19
	256QAM	1	0	17.15	17.27	17.16	18
		1	50	17.18	17.31	17.30	18
		1	99	17.09	16.96	17.01	18
		50	0	17.33	17.20	17.16	18
		50	25	17.28	17.19	17.26	18
		50	50	17.18	17.31	17.38	18
		100	0	17.40	17.37	17.18	18
BW	MCS Index	Channel		43165	43340	43515	Max. Tune-up
		Frequency (MHz)		3557.5	3575	3592.5	
15M	QPSK	1	0	18.14	18.08	17.88	19
		1	37	18.15	18.20	18.12	19
		1	74	17.95	17.91	17.93	19
		36	0	17.91	18.00	18.06	19
		36	19	18.12	17.97	18.04	19
		36	39	17.91	17.99	18.03	19
		75	0	18.19	17.94	18.11	19
	16QAM	1	0	17.96	18.02	18.03	19
		1	37	18.08	17.89	18.15	19
		1	74	18.05	18.09	17.89	19
		36	0	17.92	18.02	17.85	19
		36	19	17.90	17.86	18.11	19
		36	39	18.12	18.02	18.04	19
		75	0	18.07	17.82	17.83	19
	64QAM	1	0	17.85	17.84	17.97	19
		1	37	17.98	18.09	18.05	19
		1	74	18.05	18.05	17.97	19
		36	0	17.93	17.88	17.82	19
		36	19	17.79	17.97	18.02	19
		36	39	17.91	18.15	17.97	19
		75	0	18.01	17.90	18.09	19
	256QAM	1	0	17.10	17.15	17.07	18
		1	37	17.09	17.19	17.15	18
		1	74	16.97	16.94	16.91	18
		36	0	17.31	17.14	17.15	18
		36	19	17.15	17.11	17.16	18
		36	39	17.11	17.17	17.36	18
		75	0	17.35	17.22	17.05	18
BW	MCS Index	Channel		43140	43340	43540	Max. Tune-up
		Frequency (MHz)		3555	3575	3595	
10M	QPSK	1	0	18.01	18.00	17.81	19
		1	24	18.09	18.20	18.10	19
		1	49	17.84	17.90	17.86	19
		25	0	17.81	17.86	17.96	19
		25	12	18.06	17.96	17.97	19
		25	25	17.87	17.89	17.89	19
		50	0	18.08	17.87	17.99	19
	16QAM	1	0	17.96	17.99	17.89	19
		1	24	18.04	17.80	18.09	19
		1	49	17.91	18.05	17.81	19
		25	0	17.91	17.98	17.83	19
		25	12	17.76	17.83	18.03	19
		25	25	17.97	18.00	17.89	19
		50	0	17.97	17.77	17.78	19
	64QAM	1	0	17.74	17.79	17.88	19
		1	24	17.92	18.00	18.00	19
		1	49	18.04	18.04	17.86	19
		25	0	17.82	17.76	18.04	19
		25	12	17.69	17.95	17.88	19
		25	25	17.91	18.07	17.93	19
		50	0	17.95	17.84	18.05	19
	256QAM	1	0	17.06	17.22	17.03	18
		1	24	17.17	17.21	17.20	18
		1	49	16.94	16.89	16.99	18
		25	0	17.26	17.14	17.12	18
		25	12	17.24	17.10	17.14	18
		25	25	17.11	17.24	17.32	18
		50	0	17.25	17.35	17

LTE DSIS

LTE Band 48 for SAR_Ant1

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640	
		Frequency (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	**17.28**	17.21	17.27	17.21	18
		1	50	17.01	17.20	17.09	17.03	18
		1	99	17.01	17.09	17.22	17.03	18
		50	0	17.20	16.99	17.18	17.07	18
		50	25	16.99	17.03	17.22	17.16	18
		50	50	17.25	17.23	17.24	17.19	18
		100	0	17.27	17.19	17.14	17.05	18
	16QAM	1	0	17.06	17.01	17.05	17.03	18
		1	50	17.01	17.21	17.15	17.25	18
		1	99	17.12	17.25	17.13	17.22	18
		50	0	17.02	17.15	17.25	17.01	18
		50	25	17.12	17.05	17.21	17.21	18
		50	50	17.20	17.03	17.15	17.2	18
		100	0	17.08	17.00	17.13	17.04	18
	64QAM	1	0	16.99	16.99	17.06	17	18
		1	50	17.12	17.20	17.04	17.04	18
		1	99	17.19	16.99	17.19	17.12	18
		50	0	17.26	17.23	17.04	17.02	18
		50	25	17.20	17.08	17.13	17.13	18
		50	50	17.12	17.26	17.15	17.04	18
		100	0	17.04	17.12	17.06	17.04	18
	256QAM	1	0	15.59	15.69	15.64	15.58	17
		1	50	15.78	15.78	15.72	15.84	17
		1	99	15.75	15.74	15.72	15.7	17
		50	0	15.82	15.89	15.79	15.76	17
		50	25	15.92	15.92	15.99	15.94	17
		50	50	15.89	15.89	15.92	15.91	17
		100	0	15.95	15.89	15.84	15.89	17

BW	MCS Index	Channel		55310	55620	56160	56660	Max. Tune-up
		Frequency (MHz)		3567.5	3608	3642	3692.5	
15M	QPSK	1	0	17.24	17.19	17.23	17.09	18
		1	37	16.97	17.15	17.02	16.97	18
		1	74	16.93	17.08	17.14	17.01	18
		36	0	17.06	16.88	17.11	17.00	18
		36	19	16.84	16.90	17.21	17.07	18
		36	39	17.18	17.10	17.24	17.05	18
		75	0	17.18	17.09	17.05	17.04	18
	16QAM	1	0	17.06	17.00	16.90	16.92	18
		1	37	16.93	17.08	17.15	17.16	18
		1	74	17.11	17.25	17.13	17.09	18
		36	0	16.91	17.13	17.14	16.97	18
		36	19	16.98	16.98	17.17	17.17	18
		36	39	17.18	16.99	17.04	17.11	18
		75	0	16.94	16.91	17.05	16.91	18
	64QAM	1	0	16.94	16.90	17.04	16.88	18
		1	37	17.07	17.09	17.00	16.92	18
		1	74	17.12	16.95	17.05	16.97	18
		36	0	17.25	17.16	17.00	16.93	18
		36	19	17.05	16.95	16.98	17.13	18
		36	39	17.06	17.17	17.07	17.01	18
		75	0	16.99	16.97	16.92	16.94	18
	256QAM	1	0	15.57	15.58	15.63	15.44	17
		1	37	15.63	15.75	15.71	15.74	17
		1	74	15.67	15.85	15.59	15.65	17
		36	0	15.69	15.80	15.70	15.73	17
		36	19	15.87	15.91	15.90	15.82	17
		36	39	15.82	15.83	15.80	15.83	17
		75	0	15.90	15.88	15.76	15.78	17

BW	MCS Index	Channel		55290	55910	56140	56490	Max. Tune-up
		Frequency (MHz)		3555	3667.5	3642.5	3695	
10M	QPSK	1	0	17.23	17.12	17.18	17.06	18
		1	24	16.98	17.20	16.97	16.88	18
		1	49	16.99	16.94	17.10	17.00	18
		25	0	17.13	16.95	17.13	16.93	18
		25	12	16.98	16.95	17.15	17.06	18
		25	25	17.23	17.08	17.18	17.19	18
		50	0	17.20	17.10	17.06	16.98	18
	16QAM	1	0	17.06	16.87	17.01	17.01	18
		1	24	17.01	17.18	17.08	17.10	18
		1	49	17.00	17.23	17.12	17.21	18
		25	0	16.95	17.11	17.23	16.87	18
		25	12	17.05	16.94	17.10	17.08	18
		25	25	17.12	16.98	17.10	17.16	18
		50	0	17.01	16.87	17.08	17.04	18
	64QAM	1	0	16.85	16.95	16.99	16.94	18
		1	24	17.08	17.15	16.98	17.01	18
		1	49	17.19	16.95	17.19	16.99	18
		25	0	17.21	17.08	16.91	16.98	18
		25	12	17.19	17.06	17.10	17.07	18
		25	25	17.12	17.25	17.07	16.97	18
		50	0	16.92	17.09	17.03	16.90	18
	256QAM	1	0	15.45	15.51	15.51	15.44	17
		1	24	15.79	15.73	15.69	15.77	17
		1	49	15.71	15.62	15.70	15.67	17
		25	0	15.72	15.85	15.69	15.62	17
		25	12	15.90	15.85	15.90	15.89	17
		25	25	15.79	15.84	15.85	15.78	17
		50	0	15.84	15.85	15.81	15.83	17

BW	MCS Index	Channel		55265	55910	56170	56715	Max. Tune-up
		Frequency (MHz)		3552.5	3667	3643	3697.5	
5M	QPSK	1	0	17.25	17.14	17.23	17.18	18
		1	12	16.89	17.05	16.97	16.90	18
		1	24	16.97	16.94	17.08	16.93	18
		12	0	17.12	16.96	17.12	17.05	18
		12	6	16.85	16.90	17.10	17.01	18
		12	13	17.20	17.04	17.14	17.13	18
		25	0	17.21	17.19	17.03	16.93	18
	16QAM	1	0	17.06	16.86	16.99	16.89	18
		1	12	16.94	17.20	17.09	17.15	18
		1	24	17.12	17.24	17.05	17.18	18
		12	0	16.96	17.15	17.21	17.01	18
		12	6	17.04	17.04	17.06	17.21	18
		12	13	17.19	17.00	17.15	17.12	18
		25	0	17.01	16.90	17.02	16.93	18
	64QAM	1	0	16.89	16.87	17.05	16.93	18
		1	12	17.09	17.05	16.97	16.93	18
		1	24	17.08	16.93	17.16	17.04	18
		12	0	17.26	17.22	16.91	17.01	18
		12	6	17.19	16.99	17.06	17.09	18
		12	13	16.98	17.17	17.03	16.91	18
		25	0	16.92	17.03	17.00	17.00	18
	256QAM	1	0	15.50	15.45	15.59	15.43	17
		1	12	15.76	15.70	15.64	15.69	17
		1	24	15.66	15.59	15.57	15.61	17
		12	0	15.71	15.82	15.77	15.66	17
		12	6	15.58	15.81	15.80	15.83	17
		12	13	15.79	15.79	15.88	15.86	17
		25	0	15.87	15.83	15.71	15.81	17

LTE Band 48 for SAR_Ant2

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640	
		Frequency (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	**17.45**	17.33	17.35	17.37	18.5
		1	50	17.19	17.16	17.34	17.2	18.5
		1	99	17.14	17.13	17.16	17.3	18.5
		50	0	17.24	17.17	17.22	17.17	18.5
		50	25	17.31	17.12	17.16	17.25	18.5
		50	50	17.36	17.37	17.25	17.31	18.5
		100	0	17.41	17.28	17.16	17.36	18.5
	16QAM	1	0	17.13	17.17	17.12	17.21	18.5
		1	50	17.37	17.15	17.27	17.39	18.5
		1	99	17.20	17.41	17.30	17.26	18.5
		50	0	17.37	17.34	17.28	17.21	18.5
		50	25	17.11	17.39	17.40	17.3	18.5
		50	50	17.25	17.16	17.32	17.16	18.5
		100	0	17.12	17.34	17.14	17.34	18.5
	64QAM	1	0	17.31	17.27	17.34	17.4	18.5
		1	50	17.16	17.22	17.27	17.29	18.5
		1	99	17.39	17.22	17.20	17.32	18.5
		50	0	17.26	17.19	17.41	17.14	18.5
		50	25	17.28	17.24	17.37	17.34	18.5
		50	50	17.39	17.36	17.28	17.38	18.5
		100	0	17.20	17.22	17.27	17.27	18.5
	256QAM	1	0	17.39	17.29	17.41	17.17	18.5
		1	50	17.14	17.26	17.14	17.15	18.5
		1	99	17.37	17.23	17.36	17.32	18.5
		50	0	17.18	17.33	17.20	17.25	18.5
		50	25	17.15	17.21	17.15	17.26	18.5
		50	50	17.31	17.20	17.40	17.4	18.5
		100	0	17.11	17.22	17.12	17.25	18.5

BW	MCS Index	Channel		55310	55620	56160	56660	Max. Tune-up
		Frequency (MHz)		3567.5	3608	3642	3692.5	
15M	QPSK	1	0	17.39	17.31	17.32	17.32	18.5
		1	37	17.16	17.11	17.29	17.14	18.5
		1	74	17.08	17.05	17.02	17.25	18.5
		36	0	17.21	17.08	17.10	17.09	18.5
		36	19	17.21	17.10	17.03	17.23	18.5
		36	39	17.24	17.33	17.16	17.20	18.5
		75	0	17.38	17.21	17.07	17.27	18.5
	16QAM	1	0	17.07	17.17	17.06	17.21	18.5
		1	37	17.37	17.15	17.12	17.26	18.5
		1	74	17.11	17.31	17.25	17.17	18.5
		36	0	17.29	17.28	17.28	17.06	18.5
		36	19	16.96	17.25	17.33	17.17	18.5
		36	39	17.24	17.18	17.32	17.10	18.5
		75	0	17.08	17.32	16.99	17.31	18.5
	64QAM	1	0	17.17	17.18	17.25	17.32	18.5
		1	37	17.05	17.17	17.24	17.22	18.5
		1	74	17.28	17.22	17.12	17.20	18.5
		36	0	17.23	17.18	17.41	17.28	18.5
		36	19	17.24	17.16	17.34	17.32	18.5
		36	39	17.29	17.34	17.20	17.26	18.5
		75	0	17.13	17.19	17.27	17.13	18.5
	256QAM	1	0	17.35	17.19	17.40	17.04	18.5
		1	37	16.99	17.22	17.09	17.09	18.5
		1	74	17.23	17.11	17.35	17.3	18.5
		36	0	17.10	17.18	17.11	17.13	18.5
		36	19	17.10	17.11	17.11	17.13	18.5
		36	39	17.28	17.07	17.38	17.39	18.5
		75	0	17.05	17.11	17.04	17.2	18.5

BW	MCS Index	Channel		55290	55910	56150	56490	Max. Tune-up
		Frequency (MHz)		3555	3667.5	3642.5	3695	
10M	QPSK	1	0	17.44	17.22	17.27	17.29	18.5
		1	24	17.14	17.23	17.20	17.20	18.5
		1	49	17.12	17.00	17.08	17.26	18.5
		25	0	17.17	17.16	17.12	17.11	18.5
		25	12	17.31	17.12	17.14	17.19	18.5
		25	25	17.31	17.24	17.15	17.29	18.5
		50	0	17.37	17.26	17.12	17.26	18.5
	16QAM	1	0	17.10	17.14	17.14	17.19	18.5
		1	24	17.37	17.11	17.22	17.35	18.5
		1	49	17.19	17.37	17.23	17.11	18.5
		25	0	17.35	17.20	17.13	17.14	18.5
		25	12	16.99	17.30	17.29	17.27	18.5
		25	25	17.24	17.16	17.25	17.06	18.5
		50	0	17.01	17.32	17.13	17.29	18.5
	64QAM	1	0	17.17	17.22	17.28	17.38	18.5
		1	24	17.16	17.12	17.16	17.25	18.5
		1	49	17.25	17.14	17.20	17.19	18.5
		25	0	17.16	17.15	17.38	17.01	18.5
		25	12	17.15	17.10	17.20	17.12	18.5
		25	25	17.16	17.26	17.15	17.24	18.5
		50	0	17.08	17.22	17.20	17.22	18.5
	256QAM	1	0	17.26	17.26	17.31	17.03	18.5
		1	24	17.11	17.20	17.00	17.05	18.5
		1	49	17.34	17.22	17.25	17.28	18.5
		25	0	17.16	17.16	17.12	17.21	18.5
		25	12	17.01	17.07	17.12	17.23	18.5
		25	25	17.29	17.16	17.34	17.36	18.5
		50	0	17.01	17.16	17.12	17.23	18.5

BW	MCS Index	Channel		55265	55910	56170	56715	Max. Tune-up
		Frequency (MHz)		3552.5	3667	3643	3697.5	
5M	QPSK	1	0	17.42	17.24	17.26	17.37	18.5
		1	12	17.19	17.10	17.32	17.16	18.5
		1	24	17.31	17.11	17.15	17.17	18.5
		12	0	17.21	17.06	17.11	17.06	18.5
		12	6	17.17	17.08	17.01	17.11	18.5
		12	13	17.28	17.25	17.23	17.17	18.5
		25	0	17.32	17.26	17.14	17.32	18.5
	16QAM	1	0	16.99	17.03	17.08	17.20	18.5
		1	12	17.23	17.08	17.24	17.23	18.5
		1	24	17.08	17.39	17.21	17.12	18.5
		12	0	17.34	17.19	17.24	17.08	18.5
		12	6	16.96	17.26	17.32	17.24	18.5
		12	13	17.14	17.07	17.26	17.08	18.5
		25	0	17.24	17.13	17.22	17.35	18.5
	64QAM	1	0	17.34	17.13	17.22	17.35	18.5
		1	12	17.08	17.16	17.25	17.18	18.5
		1	24	17.26	17.22	17.19	17.27	18.5
		12	0	17.12	17.12	17.34	17.11	18.5
		12	6	17.24	17.20	17.32	17.19	18.5
		12	13	17.28	17.22	17.19	17.27	18.5
		25	0	17.12	17.12	17.25	17.18	18.5
	256QAM	1	0	17.32	17.24	17.28	17.08	18.5
		1	12	17.10	17.16	17.11	17.04	18.5
		1	24	17.33	17.08	17.29	17.26	18.5
		12	0	17.14	17.22	17.11	17.32	18.5
		12	6	17.02	17.07	17.13	17.22	18.5
		12	13	17.29	17.10	17.38	17.25	18.5
		25	0	16.97	17.15	16.99	17.23	18.5

LTE Band 48 for SAR_Ant3

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640	
		Frequency (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	18.90	18.62	18.80	18.84	19
		1	50	**18.92**	18.89	18.89	18.85	19
		1	99	18.86	18.77	18.85	18.62	19
		50	0	18.64	18.79	18.61	18.86	19
		50	25	18.85	18.82	18.80	18.84	19
		50	50	18.84	18.79	18.69	18.81	19
		100	0	18.88	18.86	18.79	18.67	19
	16QAM	1	0	18.68	18.67	18.70	18.78	19
		1	50	18.80	18.69	18.79	18.48	18
		1	99	18.82	18.83	18.84	18.9	19
		50	0	18.89	18.78	18.92	18.7	19
		50	25	18.80	18.62	18.68	18.7	19
		50	50	18.74	18.76	18.73	18.73	19
		100	0	18.76	18.77	18.86	18.86	19
	64QAM	1	0	18.91	18.89	18.86	18.84	19
		1	50	18.84	18.78	18.74	18.67	19
		1	99	18.83	18.87	18.84	18.61	19
		50	0	18.70	18.67	18.66	18.77	19
		50	25	18.73	18.63	18.62	18.68	19
		50	50	18.68	18.80	18.75	18.82	19
		100	0	18.79	18.61	18.61	18.9	19
	256QAM	1	0	17.25	17.02	17.21	17.38	18
		1	50	17.26	17.24	17.16	17.38	18
		1	99	17.28	17.23	17.10	17.19	18
		50	0	17.27	17.22	17.25	17.37	18
		50	25	17.15	17.42	17.29	17.32	18
		50	50	17.53	17.21	17.26	17.47	18
		100	0	17.37	17.43	17.42	17.46	18

BW	MCS Index	Channel		55310	55620	56160	56660	Max. Tune-up
		Frequency (MHz)		3567.5	3608	3642	3692.5	
15M	QPSK	1	0	18.75	18.60	18.71	18.70	19
		1	37	18.80	18.74	18.83	18.72	19
		1	74	18.55	18.67	18.74	18.58	19
		36	0	18.63	18.74	18.59	18.66	19
		36	19	18.81	18.81	18.66	18.77	19
		36	39	18.76	18.66	18.61	18.70	19
		75	0	18.78	18.78	18.68	18.52	19
	16QAM	1	0	18.87	18.52	18.65	18.75	19
		1	37	18.79	18.69	18.73	18.67	19
		1	74	18.79	18.76	18.79	18.63	18
		36	0	18.83	18.66	18.84	18.60	19
		36	19	18.80	18.51	18.58	18.59	19
		36	39	18.68	18.69	18.65	18.58	19
		75	0	18.70	18.74	18.81	18.79	19
	64QAM	1	0	18.81	18.87	18.66	18.79	19
		1	37	18.74	18.75	18.61	18.57	19
		1	74	18.71	18.83	18.59	18.53	19
		36	0	18.56	18.97	18.59	18.69	19
		36	19	18.80	18.58	18.59	18.54	19
		36	39	18.55	18.76	18.63	18.60	19
		75	0	18.77	18.47	18.48	18.60	19
	256QAM	1	0	17.20	16.89	17.13	17.37	18
		1	37	17.21	17.12	17.06	17.3	18
		1	74	17.25	17.18	17.02	17.07	18
		36	0	17.14	17.20	17.17	17.36	18
		36	19	17.37	17.15	17.27	17.52	18
		36	39	17.41	17.11	17.18	17.43	18
		75	0	17.29	17.37	17.35	17.36	18

BW	MCS Index	Channel		55290	55910	56150	56490	Max. Tune-up
		Frequency (MHz)		3555	3667.5	3642.5	3695	
10M	QPSK	1	0	18.79	18.49	18.65	18.77	19
		1	24	18.77	18.79	18.67	18.62	19
		1	49	18.65	18.62	18.82	18.59	19
		25	0	18.59	18.72	18.61	18.54	19
		25	12	18.83	18.74	18.65	18.68	19
		25	25	18.72	18.64	18.60	18.69	19
		50	0	18.77	18.75	18.73	18.59	19
	16QAM	1	0	18.66	18.67	18.65	18.67	19
		1	24	18.82	18.69	18.65	18.66	19
		1	49	18.74	18.73	18.75	18.69	19
		25	0	18.78	18.72	18.79	18.69	19
		25	12	18.74	18.46	18.53	18.61	19
		25	25	18.62	18.83	18.68	18.59	19
		50	0	18.69	18.63	18.86	18.76	19
	64QAM	1	0	18.82	18.75	18.82	18.79	19
		1	24	18.82	18.63	18.76	18.56	19
		1	49	18.83	18.80	18.63	18.54	19
		25	0	18.58	18.54	18.58	18.73	19
		25	12	18.63	18.76	18.46	18.55	19
		25	25	18.66	18.68	18.69	18.69	19
		50	0	18.66	18.52	18.53	18.75	19
	256QAM	1	0	17.12	16.89	17.14	17.32	18
		1	24	17.11	17.16	17.03	17.36	18
		1	49	17.13	17.15	17.03	17.06	18
		25	0	17.14	17.16	17.11	17.28	18
		25	12	17.35	17.23	17.27	17.52	18
		25	25	17.38	17.15	17.18	17.45	18
		50	0	17.27	17.36	17.37	17.28	18

BW	MCS Index	Channel		55265	55910	56170	56715	Max. Tune-up
		Frequency (MHz)		3552.5	3667	3643	3697.5	
5M	QPSK	1	0	18.90	18.56	18.70	18.72	19
		1	12	18.78	18.84	18.80	18.76	19
		1	24	18.52	18.52	18.75	18.61	19
		12	0	18.49	18.74	18.52	18.69	19
		12	6	18.78	18.67	18.78	18.77	19
		12	13	18.80	18.74	18.56	18.76	19
		25	0	18.80	18.63	18.77	18.69	19
	16QAM	1	0	18.82	18.55	18.59	18.73	19
		1	12	18.86	18.67	18.68	18.67	19
		1	24	18.72	18.70	18.78	18.67	19
		12	0	18.89	18.63	18.76	18.69	19
		12	6	18.74	18.74	18.56	18.75	19
		12	13	18.69	18.69	18.58	18.59	19
		25	0	18.73	18.72	18.53	18.88	19
	64QAM	1	0	18.84	18.63	18.83	18.78	19
		1	12	18.74	18.66	18.67	18.61	19
		1	24	18.81	18.61	18.58	18.49	19
		12	0	18.67	18.62	18.66	18.79	19
		12	6	18.61	18.51	18.50	18.64	19
		12	13	18.62	18.72	18.73	18.67	19
		25	0	18.73	18.52	18.54	18.89	19
	256QAM	1	0	17.24	16.93	17.14	17.34	18
		1	12	17.24	17.17	17.03	17.33	18
		1	24	17.21	17.09	17.06	17.05	18
		12	0	17.15	17.21	17.12	17.36	18
		12	6	17.34	17.26	17.16	17.49	18
		12	13	17.44	17.18	17.16	17.40	18
		25	0	17.35	17.32	17.34	17.35	18

LTE Band 48 for SAR_Ant7

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640	
		Frequency (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	18.36	18.19	18.28	18.26	19
		1	50	**18.37**	18.35	18.29	18.29	19
		1	99	18.36	18.14	18.29	18.27	19
		50	0	18.29	18.22	18.16	18.15	19
		50	25	18.34	18.20	18.32	18.33	19
		50	50	18.28	18.31	18.26	18.26	19
		100	0	18.34	18.33	18.22	18.32	19
	16QAM	1	0	18.17	18.20	18.34	18.15	19
		1	50	18.10	18.19	18.14	18.12	19
		1	99	18.29	18.24	18.08	18.3	19
		50	0	18.09	18.31	18.36	18.14	19
		50	25	18.33	18.13

LTE DSI5

LTE Band 66_Ant0

BW	Modulation	RB Size	RB Offset	Channel	Mid	High	Max. Tune-up (dBm)
				Frequency (MHz)	1720	1745	1770
20M	QPSK	1	0	21.27	21.37	21.36	21.5
		1	50	21.39	**21.45**	21.39	21.5
		1	99	21.38	21.38	21.33	21.5
		50	0	21.29	21.24	21.22	21.5
		50	25	21.38	21.40	21.36	21.5
		50	50	21.36	21.38	21.32	21.5
		100	0	21.24	21.39	21.30	21.5
	16QAM	1	0	21.27	21.21	21.27	21.5
		1	50	21.20	21.34	21.35	21.5
		1	99	21.34	21.15	21.22	21.5
		50	0	21.22	21.32	21.22	21.5
		50	25	21.17	21.12	21.24	21.5
		50	50	21.27	21.24	21.31	21.5
		100	0	21.36	21.17	21.15	21.5
	64QAM	1	0	21.40	21.41	21.16	21.5
		1	50	21.17	21.13	21.27	21.5
		1	99	21.12	21.40	21.17	21.5
		50	0	20.66	20.76	20.75	21
		50	25	20.73	20.85	20.83	21
		50	50	20.81	20.83	20.85	21
		100	0	20.77	20.78	20.76	21
	256QAM	1	0	18.79	18.84	18.82	19
		1	50	18.83	18.88	18.82	19
		1	99	18.82	18.87	18.73	19
		50	0	18.65	18.70	18.76	19
		50	25	18.73	18.80	18.77	19
		50	50	17.69	18.77	18.60	19
		100	0	18.74	18.75	18.62	19
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	21.14	21.28	21.31	21.5
		1	37	21.26	21.28	21.38	21.5
		1	74	21.33	21.23	21.25	21.5
		36	0	21.18	21.15	21.10	21.5
		36	19	21.32	21.30	21.33	21.5
		36	39	21.32	21.34	21.26	21.5
		75	0	21.12	21.36	21.16	21.5
	16QAM	1	0	21.27	21.19	21.20	21.5
		1	37	21.13	21.30	21.32	21.5
		1	74	21.25	21.01	21.21	21.5
		36	0	21.10	21.27	21.14	21.5
		36	19	21.03	21.09	21.23	21.5
		36	39	21.14	21.20	21.30	21.5
		75	0	21.21	21.05	21.06	21.5
	64QAM	1	0	21.37	21.29	21.15	21.5
		1	37	21.06	21.00	21.19	21.5
		1	74	21.01	21.32	21.10	21.5
		36	0	20.55	20.67	20.69	21
		36	19	20.70	20.82	20.77	21
		36	39	20.74	20.74	20.76	21
		75	0	20.66	20.73	20.74	21
	256QAM	1	0	18.70	18.82	18.71	19
		1	37	18.81	18.87	18.68	19
		1	74	18.73	18.81	18.66	19
		36	0	18.59	18.56	18.74	19
		36	19	18.69	18.77	18.65	19
		36	39	17.64	18.66	18.51	19
		75	0	18.63	18.60	18.58	19
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1716	1746	1776	
10M	QPSK	1	0	21.19	21.35	21.22	21.5
		1	24	21.25	21.37	21.26	21.5
		1	49	21.25	21.30	21.33	21.5
		25	0	21.20	21.14	21.10	21.5
		25	12	21.27	21.30	21.22	21.5
		25	25	21.36	21.29	21.21	21.5
		50	0	21.21	21.36	21.28	21.5
	16QAM	1	0	21.16	21.17	21.24	21.5
		1	24	21.15	21.26	21.30	21.5
		1	49	21.28	21.14	21.20	21.5
		25	0	21.16	21.21	21.21	21.5
		25	12	21.10	20.98	21.13	21.5
		25	25	21.13	21.24	21.28	21.5
		50	0	21.28	21.03	21.02	21.5
	64QAM	1	0	21.38	21.26	21.03	21.5
		1	24	21.11	21.09	21.13	21.5
		1	49	20.98	21.31	21.04	21.5
		25	0	20.40	20.52	20.66	21
		25	12	20.62	20.70	20.65	21
		25	25	20.63	20.71	20.71	21
		50	0	20.63	20.69	20.66	21
	256QAM	1	0	18.60	18.74	18.61	19
		1	24	18.66	18.79	18.62	19
		1	49	18.69	18.66	18.62	19
		25	0	18.50	18.45	18.71	19
		25	12	18.68	18.63	18.52	19
		25	25	17.58	18.53	18.50	19
		50	0	18.51	18.51	18.48	19
BW	Modulation	Channel		131987	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	21.25	21.23	21.29	21.5
		1	12	21.33	21.33	21.33	21.5
		1	24	21.37	21.32	21.26	21.5
		12	0	21.20	21.10	21.22	21.5
		12	6	21.23	21.38	21.34	21.5
		12	13	21.30	21.29	21.28	21.5
		25	0	21.23	21.24	21.17	21.5
	16QAM	1	0	21.27	21.09	21.22	21.5
		1	12	21.13	21.33	21.23	21.5
		1	24	21.19	21.10	21.10	21.5
		12	0	21.15	21.21	21.07	21.5
		12	6	21.11	21.12	21.13	21.5
		12	13	21.15	21.21	21.16	21.5
		25	0	21.30	21.07	21.02	21.5
	64QAM	1	0	21.25	21.26	21.03	21.5
		1	12	21.12	21.06	21.27	21.5
		1	24	21.05	21.30	21.14	21.5
		12	0	20.61	20.73	20.63	21
		12	6	20.71	20.78	20.79	21
		12	13	20.80	20.72	20.79	21
		25	0	20.63	20.66	20.73	21
	256QAM	1	0	18.68	18.70	18.71	19
		1	12	18.80	18.80	18.70	19
		1	24	18.67	18.79	18.69	19
		12	0	18.51	18.61	18.64	19
		12	6	18.58	18.65	18.67	19
		12	13	17.61	18.59	18.57	19
		25	0	18.68	18.74	18.53	19
BW	Modulation	Channel		131987	132322	132657	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1746	1778.5	
3M	QPSK	1	0	21.27	21.33	21.21	21.5
		1	7	21.31	21.35	21.30	21.5
		1	14	21.28	21.27	21.25	21.5
		8	0	21.14	21.11	21.16	21.5
		8	3	21.25	21.35	21.25	21.5
		8	7	21.35	21.35	21.23	21.5
		15	0	21.21	21.35	21.17	21.5
	16QAM	1	0	21.19	21.20	21.24	21.5
		1	7	21.07	21.34	21.26	21.5
		1	14	21.27	21.14	21.15	21.5
		8	0	21.10	21.31	21.12	21.5
		8	3	21.13	21.05	21.11	21.5
		8	7	21.19	21.17	21.29	21.5
		15	0	21.22	21.06	21.14	21.5
	64QAM	1	0	21.37	21.35	21.13	21.5
		1	7	21.04	21.10	21.15	21.5
		1	14	21.00	21.29	21.09	21.5
		8	0	20.53	20.65	20.74	21
		8	3	20.60	20.62	20.70	21
		8	7	20.70	20.72	20.73	21
		15	0	20.72	20.65	20.68	21
	256QAM	1	0	18.65	18.83	18.79	19
		1	7	18.81	18.78	18.72	19
		1	14	18.80	18.83	18.72	19
		8	0	18.60	18.56	18.70	19
		8	3	18.67	18.73	18.74	19
		8	7	17.63	18.69	18.59	19
		15	0	18.69	18.72	18.58	19
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1746	1781.3	
1.4M	QPSK	1	0	21.12	21.30	21.34	21.5
		1	2	21.32	21.32	21.39	21.5
		1	5	21.31	21.36	21.18	21.5
		3	0	21.22	21.23	21.11	21.5
		3	1	21.35	21.33	21.23	21.5
		3	3	21.25	21.30	21.19	21.5
		6	0	21.21	21.38	21.19	21.5
	16QAM	1	0	21.24	21.19	21.13	21.5
		1	2	21.10	21.24	21.22	21.5
		1	5	21.21	21.15	21.07	21.5
		3	0	21.10	21.25	21.08	21.5
		3	1	21.04	20.97	21.23	21.5
		3	3	21.13	21.10	21.23	21.5
		6	0	21.21	21.15	21.15	21.5
	64QAM	1	0	21.31	21.36	21.01	21.5
		1	2	21.16	21.00	21.12	21.5
		1	5	21.09	21.40	21.05	21.5
		3	0	21.13	21.20	21.11	21.5
		3	1	21.23	21.34	21.25	21.5
		3	3	21.31	21.25	21.26	21.5
		6	0	20.61	20.60	20.59	21
	256QAM	1	0	18.59	18.72	18.67	19
		1	2	18.75	18.83	18.64	19
		1	5	18.63	18.76	18.64	19
		3	0	18.53	18.50	18.64	19
		3	1	18.57	18.70	18.66	19
		3	3	17.58	18.51	18.41	19
		6	0	18.53	18.51	18.40	19

LTE Band 66_Ant2

BW	Modulation	RB Size	RB Offset	Channel	Mid	High	Max. Tune-up (dBm)
				Frequency (MHz)	1720	1745	1770
20M	QPSK	1	0	17.49	17.39	17.48	18
		1	50	17.52	**17.62**	17.52	18
		1	99	17.33	17.38	17.56	18
		50	0	17.32	17.56	17.34	18
		50	25	17.51	17.57	17.51	18
		50	50	17.42	17.41	17.48	18
		100	0	17.48	17.52	17.31	18
	16QAM	1	0	17.58	17.47	17.41	18
		1	50	17.41	17.32	17.39	18
		1	99	17.32	17.47	17.34	18
		50	0	17.61	17.60	17.37	18
		50	25	17.32	17.32	17.32	18
		50	50	17.32	17.40	17.56	18
		100	0	17.40	17.59	17.47	18
	64QAM	1	0	17.47	17.47	17.40	18
		1	50	17.54	17.36	17.43	18
		1	99	17.31	17.60	17.52	18
		50	0	17.38	17.45	17.60	18
		50	25	17.46	17.58	17.31	18
		50	50	17.32	17.46	17.34	18
		100	0	17.55	17.41	17.57	18
	256QAM	1	0	17.57	17.44	17.53	18
		1	50	17.45	17.61	17.38	18
		1	99	17.50	17.57	17.37	18
		50	0	17.50	17.44	17.57	18
		50	25	17.37	17.31	17.50	18
		50	50	17.37	17.38	17.42	18
		100	0	17.41	17.35	17.58	18
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	17.48	17.37	17.46	18
		1	37	17.50	17.55	17.43	18
		1	74	17.33	17.30	17.54	18
		36	0	17.28	17.49	17.19	18
		36	19	17.38	17.54	17.44	18
		36	39	17.29	17.26	17.40	18
		75	0	17.34	17.46	17.27	18
	16QAM	1	0	17.44	17.43	17.35	18
		1	37	17.26	17.23	17.36	18
		1	74	17.27	17.39	17.27	18
		36	0	17.59	17.47	17.23	18
		36	19	17.21	17.37	17.32	18
		36	39	17.26	17.34	17.46	18
		75	0	17.39	17.52	17.42	18
	64QAM	1	0	17.39	17.38	17.36	18
		1	37	17.47	17.34	17.40	18
		1	74	17.23	17.51	17.40	18
		36	0	17.27	17.33	17.54	18
		36	19	17.42	17.52	17.30	18
		36	39	17.31	17.40	17.23	18
		75	0	17.34	17.41	17.54	18
	256QAM	1	0	17.54	17.42	17.44	18
		1	37	17.47	17.60	17.31	18
		1	74	17.41	17.49	17.28	18
		36	0	17.35	17.35	17.46	18
		36	19	17.42	17.27	17.46	18
		36	39	17.25	17.27	17.41	18
		75	0	17.34	17.35	17.52	18
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1716	1745	1775	
10M	QPSK	1	0	17.43	17.34	17.42	18
		1	24	17.50	17.57	17.51	18
		1	49	17.30	17.33	17.55	18
		25	0	17.27	17.51	17.27	18
		25	12	17.48	17.47	17.48	18
		25	25	17.31	17.37	17.34	18
		50	0	17.37	17.42	17.29	18
	16QAM	1	0	17.53	17.44	17.36	18
		1	24	17.28	17.31	17.26	18
		1	49	17.26	17.38	17.32	18
		25	0	17.52	17.45	17.35	18
		25	12	17.24	17.34	17.23	18
		25	25	17.25	17.39	17.42	18
		50	0	17.39	17.51	17.44	18
	64QAM	1	0	17.35	17.39	17.29	18
		1	24	17.40	17.36	17.29	18
		1	49	17.26	17.47	17.41	18
		25	0	17.33	17.36	17.50	18
		25	12	17.33	17.41	17.28	18
		25	25	17.28	17.31	17.30	18
		50	0	17.41	17.34	17.45	18
	256QAM	1	0	17.49	17.30	17.38	18
		1	24	17.51	17.47	17.33	18
		1	49	17.37	17.45	17.37	18
		25	0	17.39	17.31	17.51	18
		25	12	17.43	17.34	17.52	18
		25	25	17.29	17.27	17.35	18
		50	0	17.36	17.37	17.57	18
BW	Modulation	Channel		131987	132322	132647	Max. Tune-up (dBm)
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	17.41	17.30	17.43	18
		1	12	17.49	17.58	17.46	18
		1	24	17.33	17.29	17.56	18
		12	0	17.25	17.44	17.26	18
		12	6	17.36	17.56	17.49	18
		12	13	17.36	17.34	17.42	18
		25	0	17.37	17.50	17.21	18
	16QAM	1	0	17.51	17.41	17.31	18
		1	12	17.34	17.29	17.37	18
		1	24	17.17	17.46	17.33	18
		12	0	17.54	17.34	17.36	18
		12	6	17.26	17.26	17.18	18
		12	13	17.28	17.27	17.43	18
		25	0	17.34	17.51	17.32	18
	64QAM	1	0	17.40	17.47	17.33	18
		1	12	17.48	17.35	17.30	18
		1	24	17.25	17.39	17.52	18
		12	0	17.28	17.38	17.54	18
		12	6	17.38	17.56	17.30	18
		12	13	17.17	17.36	17.42	18
		25	0	17.43	17.36	17.59	18
	256QAM	1	0	17.53	17.43	17.45	18
		1	12	17.40	17.33	17.31	18
		1	24	17.47	17.49	17.29	18
		12	0	17.39	17.36	17.48	18
		12	6	17.40	17.21	17.44	18
		12	13	17.34	17.32	17.27	18
		25	0	17.29	17.35	17.57	18
BW	Modulation	Channel		131987	132322	132657	Max. Tune-up (dBm)
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	17.35	17.34	17.42	18
		1	7	17.48	17.48	17.54	18
		1	14	17.29	17.35	17.51	18
		8	0	17.28	17.41	17.28	18
		8	3	17.41	17.46	17.49	18
		8	7	17.29	17.30	17.42	18
		15	0	17.43	17.48	17.27	18
	16QAM	1	0	17.44	17.44	17.33	18
		1	7	17.38	17.37	17.37	18
		1	14	17.24	17.36	17.20	18
		8	0	17.53	17.55	17.23	18
		8	3	17.31	17.22	17.18	18
		8	7	17.20	17.40	17.49	18
		15	0	17.25	17.59	17.41	18
	64QAM	1	0	17.47	17.43	17.32	18
		1	7	17.40	17.28	17.41	18
		1	14	17.30	17.46	17.46	18
		8	0	17.33	17.36	17.52	18
		8	3	17.34	17.56	17.17	18
		8	7	17.24	17.44	17.31	18
		15	0	17.43	17.41	17.57	18
	256QAM	1	0	17.39	17.26	17.46	18
		1	7	17.43	17.55	17.24	18
		1	14	17.35	17.51	17.24	18
		8	0	17.35	17.44	17.54	18
		8	3	17.42	17.20	17.45	18
		8	7	17.34	17.31	17.40	18
		15	0	17.37	17.32	17.44	18
BW	Modulation	Channel		131979	132322	132665	Max. Tune-up (dBm)
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	17.44	17.25	17.44	18
		1	2	17.48	17.33	17.51	18
		1	5	17.37	17.35	17.42	18
		3	0	17.25	17.46	17.30	18
		3	1	17.46	17.49	17.37	18
		3	3	17.34	17.40	17.28	18
		6	0	17.46	17.49	17.28	18
	16QAM	1	0	17.58	17.45	17.29	18
		1	2	17.28	17.20	17.24	18
		1	5	17.18	17.32	17.21	18
		3	0	17.48	17.46	17.27	18
		3	1	17.28	17.25	17.23	18
		3	3	17.31	17.30	17.24	18
		6	0	17.34	17.49	17.47	18
	64QAM	1	0	17.37	17.44	17.32	18
		1	2	17.44	17.33	17.42	18
		1	5	17.31	17.49	17.49	18
		3	0	17.37	17.42	17.50	18
		3	1	17.33	17.57	17.17	18
		3	3	17.18	17.40	17.33	18
		6	0	17.47	17.37	17.51	18
	256QAM	1	0	17.54	17.38	17.50	18
		1	2	17.49	17.58	17.27	18
		1	5	17.35	17.51	17.28	18
		3	0	17.41	17.32	17.50	18
		3	1	17.32	17.24	17.45	18
		3	3	17.26	17.29	17.42	18
		6	0	17.28	17.29	17.44	18

LTE Band 66_Ant3

BW	Modulation	RB Size	RB Offset	Channel	Mid	High	Max. Tune-up (dBm)
				Frequency (MHz)	1720	1745	1770
20M	QPSK	1	0	15.78	15.88	15.75	16.5
		1	50	15.87	**15.99**	15.79	16.5
		1	99	15.74	15.94	15.70	16.5
		50	0	15.70	15.73	15.78	16.5
		50	25	15.86	15.76	15.86	16.5
		50	50	15.92	15.96	15.87	16.5
		100	0	15.85	15.95	15.77	16.5
	16QAM	1	0	15.85	15.71	15.85	16.5
		1	50	15.98	15.93	15.90	16.5
		1	99	15.83	15.75	15.88	16.5
		50	0	15.85	15.92	15.91	16.5
		50	25	15.72	15.83	15.80	16.5
		50	50	15.76	15.89	15.78	16.5
		100	0	15.86	15.91	15.91	16.5
	64QAM	1	0	15.76	15.76	15.88	16.5
		1	50	15.87	15.76	15.72	16.5
		1	99	15.89	15.93	15.75	16.5
		50	0	15.86	15.91	15.70	16.5
		50	25	15.83	15.76	15.98	16.5
		50	50	15.90	15.89	15.75	16.5
		100	0	15.97	15.92	15.85	16.5
	256QAM	1	0	15.94	15.95	15.80	16.5
		1	50	15.75	15.86	15.88	16.5
		1	99	15.91	15.73	15.96	16.5
		50	0	15.75	15.70	15.93	16.5
		50	25	15.95	15.76	15.85	16.5
		50	50	15.85	15.73	15.92	16.5
		100	0	15.84	15.68	15.84	16.5
BW	Modulation	Channel		132047	132322	132597	Max. Tune-up (dBm)
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	15.78	15.77	15.72	16.5
		1	37	15.81	15.91	15.89	16.5
		1	74	15.73	15.73	15.68	16.5
		36	0	15.61	15.66	15.78	16.5
		36	19	15.77	15.69	15.75	16.5
		36	39	15.91	15.82	15.78	16.5
		75	0	15.82	15.94	15.66	16.5
	16QAM	1	0	15.79	15.70	15.85	16.5
		1	37	15.90	15.87	15.88	16.5
		1	74	15.73	15.75	15.88	16.5
		36	0	15.72	15.81	15.81	16.5
		36	19	15.69	15.79	15.80	16.5
		36	39	15.63	15.65	15.68	16.5
		75	0	15.76	15.86	15.67	16.5
	64QAM	1	0	15.74	15.75	15.76	16.5
		1	37	15.79	15.71	15.83	16.5
		1	74	15.89	15.86	15.68	16.5
		36	0	15.72	15.81	15.58	16.5
		36	19	15.79	15.75	15.97	16.5
		36	39	15.90	15.68	15.75	16.5
		75	0	15.84	15.91	15.64	16.5
	256QAM	1	0	15.92	15.82	15.74	16.5
		1	37	15.70	15.82	15.84	16.5
		1	74	15.90	15.76	15.88	16.5
		36	0	15.74	15.69	15.83	16.5
		36	19	15.89	15.71	15.65	16.5
		36	39	15.84	15.62	15.83	16.5
		75	0	15.74	15.92	15.62	16.5
BW	Modulation	Channel		132022	132322	132622	Max. Tune-up (dBm)
		Frequency (MHz)		1716	1745	1775	
10M	QPSK	1	0	15.69	15.77	15.73	16.5
		1	24	15.82	15.93	15.64	16.5
		1	49	15.65	15.88	15.62	16.5
		25	0	15.61	15.69	15.73	16.5
		25	12	15.83	15.70	15.65	16.5
		25	25	15.86	15.86	15.76	16.5
		50	0	15.92	15.87	15.69	16.5
	16QAM	1	0	15.72	15.63	15.72	16.5
		1	24	15.96	15.88	15.78	16.5
		1	49	15.69	15.72	15.81	16.5
		25	0	15.82	15.80	15.91	16.5
		25	12	15.66	15.89	15.65	16.5
		25	25	15.61	15.58	15.71	16.5
		50	0	15.72	15.89	15.82	16.5
	64QAM	1	0	15.68	15.62	15.76	16.5
		1	24	15.87	15.76	15.59	16.5
		1	49	15.83	15.80	15.61	16.5
		25	0	15.74	15.83	15.60	16.5
		25	12	15.71	15.75	15.63	16.5
		25	25	15.82	15.68	15.75	16.5
		50	0	15.83

Intar_CA_Default

CA_7C Ant0

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	**23.84**	24
				16QAM	1	99	1	0	23.26	23
				64QAM	1	99	1	0	22.14	22
				256QAM	1	99	1	0	18.76	19
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	22.52	24
				16QAM	1	99	1	0	21.93	23
				64QAM	1	99	1	0	22.14	22
				256QAM	1	99	1	0	18.82	19
21152	2540.2	21350	2560	QPSK	1	99	1	0	23.81	24
				16QAM	1	99	1	0	23.21	23
				64QAM	1	99	1	0	22.10	22
				256QAM	1	99	1	0	18.87	19

Combination 20MHz+15MHz (100RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21021	2527.1	QPSK	1	99	1	0	23.71	24
				16QAM	1	99	1	0	23.22	23
				64QAM	1	99	1	0	22.07	22
				256QAM	1	99	1	0	18.75	19
21026	2527.6	21197	2544.7	QPSK	1	99	1	0	22.40	24
				16QAM	1	99	1	0	21.78	23
				64QAM	1	99	1	0	22.07	22
				256QAM	1	99	1	0	18.76	19
21201	2545.1	21372	2562.2	QPSK	1	99	1	0	23.69	24
				16QAM	1	99	1	0	23.06	23
				64QAM	1	99	1	0	22.07	22
				256QAM	1	99	1	0	18.81	19

Combination 15MHz+20MHz (75RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20828	2507.8	20999	2524.9	QPSK	1	74	1	0	23.74	24
				16QAM	1	74	1	0	23.15	23
				64QAM	1	74	1	0	22.09	22
				256QAM	1	74	1	0	18.63	19
21003	2525.3	21174	2542.4	QPSK	1	74	1	0	22.37	24
				16QAM	1	74	1	0	21.80	23
				64QAM	1	74	1	0	22.00	22
				256QAM	1	74	1	0	18.77	19
21179	2542.9	21350	2560	QPSK	1	74	1	0	23.67	24
				16QAM	1	74	1	0	23.10	23
				64QAM	1	74	1	0	22.07	22
				256QAM	1	74	1	0	18.74	19

Combination 20MHz+10MHz (100RB+50RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	20994	2524.4	QPSK	1	99	1	0	23.72	24
				16QAM	1	99	1	0	23.11	23
				64QAM	1	99	1	0	22.07	22
				256QAM	1	99	1	0	18.71	19
21051	2530.1	21195	2544.5	QPSK	1	99	1	0	22.47	24
				16QAM	1	99	1	0	21.91	23
				64QAM	1	99	1	0	22.00	22
				256QAM	1	99	1	0	18.77	19
21251	2550.1	21395	2564.5	QPSK	1	99	1	0	23.78	24
				16QAM	1	99	1	0	23.14	23
				64QAM	1	99	1	0	21.99	22
				256QAM	1	99	1	0	18.79	19

Combination 10MHz+20MHz (50RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20805	2505.5	20949	2519.9	QPSK	1	49	1	0	23.83	24
				16QAM	1	49	1	0	23.18	23
				64QAM	1	49	1	0	22.04	22
				256QAM	1	49	1	0	18.75	19
21006	2525.6	21150	2540	QPSK	1	49	1	0	22.51	24
				16QAM	1	49	1	0	21.85	23
				64QAM	1	49	1	0	22.05	22
				256QAM	1	49	1	0	18.70	19
21206	21206	21350	21220.4	QPSK	1	49	1	0	23.68	24
				16QAM	1	49	1	0	23.09	23
				64QAM	1	49	1	0	22.02	22
				256QAM	1	49	1	0	18.82	19

Combination 15MHz+15MHz (75RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20825	2507.5	20975	2522.5	QPSK	1	74	1	0	23.75	24
				16QAM	1	74	1	0	23.12	23
				64QAM	1	74	1	0	22.04	22
				256QAM	1	74	1	0	18.71	19
21025	2527.5	21175	2542.5	QPSK	1	74	1	0	22.44	24
				16QAM	1	74	1	0	21.78	23
				64QAM	1	74	1	0	22.13	22
				256QAM	1	74	1	0	18.81	19
21225	2547.5	21375	2562.5	QPSK	1	74	1	0	23.75	24
				16QAM	1	74	1	0	23.16	23
				64QAM	1	74	1	0	22.09	22
				256QAM	1	74	1	0	18.80	19

Combination 15MHz+10MHz (75RB+50RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20825	2507.5	20945	2519.5	QPSK	1	74	1	0	23.69	24
				16QAM	1	74	1	0	23.19	23
				64QAM	1	74	1	0	22.07	22
				256QAM	1	74	1	0	18.71	19
21051	2530.1	21171	2542.1	QPSK	1	74	1	0	22.48	24
				16QAM	1	74	1	0	21.87	23
				64QAM	1	74	1	0	22.02	22
				256QAM	1	74	1	0	18.67	19
21277	2552.7	21397	2564.7	QPSK	1	74	1	0	23.78	24
				16QAM	1	74	1	0	23.20	23
				64QAM	1	74	1	0	21.95	22
				256QAM	1	74	1	0	18.83	19

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	**24.52**	25.5
				16QAM	1	99	1	0	23.19	24.5
				64QAM	1	99	1	0	22.13	23.5
				256QAM	1	99	1	0	19.32	20.5
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	24.30	25.5
				16QAM	1	99	1	0	23.21	24.5
				64QAM	1	99	1	0	22.52	23.5
				256QAM	1	99	1	0	19.27	20.5
21152	2540.2	21350	2560	QPSK	1	99	1	0	24.47	25.5
				16QAM	1	99	1	0	23.15	24.5
				64QAM	1	99	1	0	22.53	23.5
				256QAM	1	99	1	0	19.18	20.5

Combination 20MHz+15MHz (100RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21021	2527.1	QPSK	1	99	1	0	24.37	25.5
				16QAM	1	99	1	0	23.06	24.5
				64QAM	1	99	1	0	21.99	23.5
				256QAM	1	99	1	0	19.25	20.5
21026	2527.6	21197	2544.7	QPSK	1	99	1	0	24.21	25.5
				16QAM	1	99	1	0	23.10	24.5
				64QAM	1	99	1	0	22.44	23.5
				256QAM	1	99	1	0	19.19	20.5
21201	2545.1	21372	2562.2	QPSK	1	99	1	0	24.36	25.5
				16QAM	1	99	1	0	23.07	24.5
				64QAM	1	99	1	0	22.42	23.5
				256QAM	1	99	1	0	19.03	20.5

Combination 15MHz+20MHz (75RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20828	2507.8	20999	2524.9	QPSK	1	74	1	0	24.40	25.5
				16QAM	1	74	1	0	23.13	24.5
				64QAM	1	74	1	0	22.05	23.5
				256QAM	1	74	1	0	19.23	20.5
21003	2525.3	21174	2542.4	QPSK	1	74	1	0	24.20	25.5
				16QAM	1	74	1	0	23.17	24.5
				64QAM	1	74	1	0	22.47	23.5
				256QAM	1	74	1	0	19.14	20.5
21179	2542.9	21350	2560	QPSK	1	74	1	0	24.37	25.5
				16QAM	1	74	1	0	23.03	24.5
				64QAM	1	74	1	0	22.38	23.5
				256QAM	1	74	1	0	19.07	20.5

Combination 20MHz+10MHz (100RB+50RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	20994	2524.4	QPSK	1	99	1	0	24.51	25.5
				16QAM	1	99	1	0	23.05	24.5
				64QAM	1	99	1	0	22.04	23.5
				256QAM	1	99	1	0	19.18	20.5
21051	2530.1	21195	2544.5	QPSK	1	99	1	0	24.21	25.5
				16QAM	1	99	1	0	23.20	24.5
				64QAM	1	99	1	0	22.44	23.5
				256QAM	1	99	1	0	19.14	20.5
21251	2550.1	21395	2564.5	QPSK	1	99	1	0	24.35	25.5
				16QAM	1	99	1	0	23.04	24.5
				64QAM	1	99	1	0	22.45	23.5
				256QAM	1	99	1	0	19.13	20.5

Combination 10MHz+20MHz (50RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20805	2505.5	20949	2519.9	QPSK	1	49	1	0	24.39	25.5
				16QAM	1	49	1	0	23.17	24.5
				64QAM	1	49	1	0	22.01	23.5
				256QAM	1	49	1	0	19.23	20.5
21006	2525.6	21150	2540	QPSK	1	49	1	0	24.29	25.5
				16QAM	1	49	1	0	23.06	24.5
				64QAM	1	49	1	0	22.43	23.5
				256QAM	1	49	1	0	19.22	20.5
21206	21206	21350	21220.4	QPSK	1	49	1	0	24.32	25.5
				16QAM	1	49	1	0	23.11	24.5
				64QAM	1	49	1	0	22.40	23.5
				256QAM	1	49	1	0	19.03	20.5

Combination 15MHz+15MHz (75RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20825	2507.5	20975	2522.5	QPSK	1	74	1	0	24.44	25.5
				16QAM	1	74	1	0	23.07	24.5
				64QAM	1	74	1	0	22.05	23.5
				256QAM	1	74	1	0	19.19	20.5
21025	2527.5	21175	2542.5	QPSK	1	74	1	0	24.24	25.5
				16QAM	1	74	1	0	23.11	24.5
				64QAM	1	74	1	0	22.39	23.5
				256QAM	1	74	1	0	19.15	20.5
21225	2547.5	21375	2562.5	QPSK	1	74	1	0	24.34	25.5
				16QAM	1	74	1	0	23.13	24.5
				64QAM	1	74	1	0	22.49	23.5
				256QAM	1	74	1	0	19.15	20.5

Combination 15MHz+10MHz (75RB+50RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20825	2507.5	20945	2519.5	QPSK	1	74	1	0	24.47	25.5
				16QAM	1	74	1	0	23.04	24.5
				64QAM	1	74	1	0	22.08	23.5
				256QAM	1	74	1	0	19.23	20.5
21051	2530.1	21171	2542.1	QPSK	1	74	1	0	24.18	25.5
				16QAM	1	74	1	0	23.08	24.5
				64QAM	1	74	1	0	22.37	23.5
				256QAM	1	74	1	0	19.15	20.5
21277	2552.7	21397	2564.7	QPSK	1	74	1	0	24.33	25.5
				16QAM	1	74	1	0	23.14	24.5
				64QAM	1	74	1	0	22.50	23.5
				256QAM	1	74	1	0	19.11	20.5

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	24.07	25.5
				16QAM	1	99	1	0	23.53	24.5
				64QAM	1	99	1	0	22.43	23.5
				256QAM	1	99	1	0	19.45	20.5
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	24.09	25.5
				16QAM	1	99	1	0	23.43	24.5
				64QAM	1	99	1	0	22.38	23.5
				256QAM	1	99	1	0	19.39	20.5
21152	2540.2	21350	2560	QPSK	1	99	1	0	**24.11**	25.5
				16QAM	1	99	1	0	23.62	24.5
				64QAM	1	99	1	0	22.19	23.5
				256QAM	1	99	1	0	19.35	20.5

Combination 20MHz+15MHz (100RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21021	2527.1	QPSK	1	99	1	0	23.94	25.5
				16QAM	1	99	1	0	23.40	24.5
				64QAM	1	99	1	0	22.31	23.5
				256QAM	1	99	1	0	19.31	20.5
21026	2527.6	21197	2544.7	QPSK	1	99	1	0	23.94	25.5
				16QAM	1	99	1	0	23.32	24.5
				64QAM	1	99	1	0	22.31	23.5
				256QAM	1	99	1	0	19.31	20.5
21201	2545.1	21372	2562.2	QPSK	1	99	1	0	24.00	25.5
				16QAM	1	99	1	0	23.49	24.5
				64QAM	1	99	1	0	22.17	23.5
				256QAM	1	99	1	0	19.31	20.5

Combination 15MHz+20MHz (75RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20828	2507.8	20999	2524.9	QPSK	1	74	1	0	23.92	25.5
				16QAM	1	74	1	0	23.39	24.5
				64QAM	1	74	1	0	22.35	23.5
				256QAM	1	74	1	0	19.35	20.5
21003	2525.3	21174	2542.4	QPSK	1	74	1	0	24.03	25.5
				16QAM	1	74	1	0	23.35	24.5
				64QAM	1	74	1	0	22.25	23.5
				256QAM	1	74	1	0	19.27	20.5
21179	2542.9	21350	2560	QPSK	1	74	1	0	24.05	25.5
				16QAM	1	74	1	0	23.56	24.5
				64QAM	1	74	1	0	22.11	23.5
				256QAM	1	74	1	0	19.22	20.5

Combination 20MHz+10MHz (100RB+50RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	20994	2524.4	QPSK	1	99	1	0	23.97	25.5
				16QAM	1	99	1	0	23.40	24.5
				64QAM	1	99	1	0	22.41	23.5
				256QAM	1	99	1	0	19.33	20.5
21051	2530.1	21195	2544.5	QPSK	1	99	1	0	24.00	25.5
				16QAM	1	99	1	0	23.37	24.5
				64QAM	1	99	1	0	22.31	23.5
				256QAM	1	99	1	0	19.35	20.5
21251	2550.1	21395	2564.5	QPSK	1	99	1	0	23.96	25.5
				16QAM	1	99	1	0	23.48	24.5
				64QAM	1	99	1	0	22.14	23.5
				256QAM	1	99	1	0	19.20	20.5

Combination 10MHz+20MHz (50RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20805	2505.5	20949	2519.9	QPSK	1	49	1	0	23.95	25.5
				16QAM	1	49	1	0	23.38	24.5
				64QAM	1	49	1	0	22.39	23.5
				256QAM	1	49	1	0	19.44	20.5
21006	2525.6	21150	2540	QPSK	1	49	1	0	23.95	25.5
				16QAM	1	49	1	0	23.37	24.5
				64QAM	1	49	1	0	22.27	23.5
				256QAM	1	49	1	0	19.27	20.5
21206	21206	21350	21220.4	QPSK	1	49	1	0	24.03	25.5
				16QAM	1	49	1	0	23.60	24.5
				64QAM	1	49	1	0	22.15	23.5
				256QAM	1	49	1	0	19.32	20.5

Combination 15MHz+15MHz (75RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20825	2507.5	20975	2522.5	QPSK	1	74	1	0	24.01	25.5
				16QAM	1	74	1	0	23.43	24.5
				64QAM	1	74	1	0	22.35	23.5
				256QAM	1	74	1	0	19.39	20.5
21025	2527.5	21175	2542.5	QPSK	1	74	1	0	24.00	25.5
				16QAM	1	74	1	0	23.29	24.5
				64QAM	1	74	1	0	22.26	23.5
				256QAM	1	74	1	0	19.34	20.5
21225	2547.5	21375	2562.5	QPSK	1	74	1	0	23.97	25.5
				16QAM	1	74	1	0	23.48	24.5
				64QAM	1	74	1	0	22.15	23.5
				256QAM	1	74	1	0	19.29	20.5

Combination 15MHz+10MHz (75RB+50RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20825	2507.5	20945	2519.5	QPSK	1	74	1	0	24.05	25.5
				16QAM	1	74	1	0	23.38	24.5
				64QAM	1	74	1	0	22.33	23.5
				256QAM	1	74	1	0	19.34	20.5
21051	2530.1	21171	2542.1	QPSK	1	74	1	0	23.98	25.5
				16QAM	1	74	1	0	23.40	24.5
				64QAM	1	74	1	0	22.37	23.5
				256QAM	1	74	1	0	19.24	20.5
21277	2552.7	21397	2564.7	QPSK	1	74	1	0	24.01	25.5
				16QAM	1	74	1	0	23.61	24.5
				64QAM	1	74	1	0	22.09	23.5
				256QAM	1	74	1	0	19.30	20.5

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	**23.89**	25.5
				16QAM	1	99	1	0	23.57	24.5
				64QAM	1	99	1	0	22.51	23.5
				256QAM	1	99	1	0	19.68	20.5
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	23.65	25.5
				16QAM	1	99	1	0	22.86	24.5
				64QAM	1	99	1	0	21.93	23.5
				256QAM	1	99	1	0	18.96	20.5
21152	2540.2	21350	2560	QPSK	1	99	1	0	23.74	25.5
				16QAM	1	99	1	0	23.08	24.5
				64QAM	1	99	1	0	22.11	23.5
				256QAM	1	99	1	0	19.31	20.5

Combination 20MHz+15MHz (100RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21021	2527.1	QPSK	1	99	1	0	23.86	25.5
				16QAM	1	99	1	0	23.49	24.5
				64QAM	1	99	1	0	22.45	23.5
				256QAM	1	99	1	0	19.62	20.5
21026	2527.6	21197	2544.7	QPSK	1	99	1	0	23.64	25.5
				16QAM	1	99	1	0	22.81	24.5
				64QAM	1	99	1	0	21.78	23.5
				256QAM	1	99	1	0	18.95	20.5
21201	2545.1	21372	2562.2	QPSK	1	99	1	0	23.69	25.5
				16QAM	1	99	1	0	23.04	24.5
				64QAM	1	99	1	0	22.06	23.5
				256QAM	1	99	1	0	19.30	20.5

Combination 15MHz+20MHz (75RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20828	2507.8	20999	2524.9	QPSK	1	74	1	0	23.82	25.5
				16QAM	1	74	1	0	23.44	24.5
				64QAM	1	74	1	0	22.39	23.5
				256QAM	1	74	1	0	19.54	20.5
21003	2525.3	21174	2542.4	QPSK	1	74	1	0	23.57	25.5
				16QAM	1	74	1	0	22.78	24.5
				64QAM	1	74	1	0	21.78	23.5
				256QAM	1	74	1	0	18.87	20.5
21179	2542.9	21350	2560	QPSK	1	74	1	0	23.66	25.5
				16QAM	1	74	1	0	23.06	24.5
				64QAM	1	74	1	0	22.07	23.5
				256QAM	1	74	1	0	19.23	20.5

Combination 20MHz+10MHz (100RB+50RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	20994	2524.4	QPSK	1	99	1	0	23.79	25.5
				16QAM	1	99	1	0	23.53	24.5
				64QAM	1	99	1	0	22.37	23.5
				256QAM	1	99	1	0	19.62	20.5
21051	2530.1	21195	2544.5	QPSK	1	99	1	0	23.64	25.5
				16QAM	1	99	1	0	22.76	24.5
				64QAM	1	99	1	0	21.84	23.5
				256QAM	1	99	1	0	18.82	20.5
21251	2550.1	21395	2564.5	QPSK	1	99	1	0	23.73	25.5
				16QAM	1	99	1	0	22.97	24.5
				64QAM	1	99	1	0	22.05	23.5
				256QAM	1	99	1	0	19.17	20.5

Combination 10MHz+20MHz (50RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20805	2505.5	20949	2519.9	QPSK	1	49	1	0	23.76	25.5
				16QAM	1	49	1	0	23.56	24.5
				64QAM	1	49	1	0	22.44	23.5
				256QAM	1	49	1	0	19.64	20.5
21006	2525.6	21150	2540	QPSK	1	49	1	0	23.58	25.5
				16QAM	1	49	1	0	22.78	24.5
				64QAM	1	49	1	0	21.89	23.5
				256QAM	1	49	1	0	18.86	20.5
21206	21206	21350	21220.4	QPSK	1	49	1	0	23.73	25.5
				16QAM	1	49	1	0	23.07	24.5
				64QAM	1	49	1	0	22.07	23.5
				256QAM	1	49	1	0	19.18	20.5

Combination 15MHz+15MHz (75RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20825	2507.5	20975	2522.5	QPSK	1	74	1	0	23.81	25.5
				16QAM	1	74	1	0	23.56	24.5
				64QAM	1	74	1	0	22.43	23.5
				256QAM	1	74	1	0	19.53	20.5
21025	2527.5	21175	2542.5	QPSK	1	74	1	0	23.58	25.5
				16QAM	1	74	1	0	22.74	24.5
				64QAM	1	74	1	0	21.86	23.5
				256QAM	1	74	1	0	18.84	20.5
21225	2547.5	21375	2562.5	QPSK	1	74	1	0	23.65	25.5
				16QAM	1	74	1	0	22.94	24.5
				64QAM	1	74	1	0	22.09	23.5
				256QAM	1	74	1	0	19.24	20.5

Combination 15MHz+10MHz (75RB+50RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20825	2507.5	20945	2519.5	QPSK	1	74	1	0	23.74	25.5
				16QAM	1	74	1	0	23.52	24.5
				64QAM	1	74	1	0	22.39	23.5
				256QAM	1	74	1	0	19.53	20.5
21051	2530.1	21171	2542.1	QPSK	1	74	1	0	23.60	25.5
				16QAM	1	74	1	0	22.82	24.5
				64QAM	1	74	1	0	21.88	23.5
				256QAM	1	74	1	0	18.95	20.5
21277	2552.7	21397	2564.7	QPSK	1	74	1	0	23.70	25.5
				16QAM	1	74	1	0	23.04	24.5
				64QAM	1	74	1	0	22.03	23.5
				256QAM	1	74	1	0	19.20	20.5

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CA_38C Ant1

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
37900	2580	39598	2589.8	QPSK	1	99	1	0			**20.61**	23.5
				16AQAM	1	99	1	0			22.59	23.5
				64AQAM	1	99	1	0			21.73	23.5
				256AQAM	1	99	1	0			19.79	20.5
37901	2580.1	39599	2589.9	QPSK	1	99	1	0			22.57	23.5
				16AQAM	1	99	1	0			22.58	23.5
				64AQAM	1	99	1	0			21.69	23.5
				256AQAM	1	99	1	0			19.53	20.5
37902	2580.2	39600	2590	QPSK	1	99	1	0			22.57	23.5
				16AQAM	1	99	1	0			22.59	23.5
				64AQAM	1	99	1	0			21.74	23.5
				256AQAM	1	99	1	0			19.49	20.5

Combination 15MHz+15MHz (75RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
37825	2577.5	37975	2592.5	QPSK	1	74	1	0			22.46	24.5
				16AQAM	1	74	1	0			22.53	24.5
				64AQAM	1	74	1	0			21.68	23.5
				256AQAM	1	74	1	0			19.72	20.5
37825	2587.5	38075	2602.5	QPSK	1	74	1	0			22.59	23.5
				16AQAM	1	74	1	0			22.63	24.5
				64AQAM	1	74	1	0			21.58	23.5
				256AQAM	1	74	1	0			19.56	20.5
38025	2597.5	38175	2612.5	QPSK	1	74	1	0			22.59	24.5
				16AQAM	1	74	1	0			22.64	24.5
				64AQAM	1	74	1	0			21.67	23.5
				256AQAM	1	74	1	0			19.33	20.5

CA_38C Ant2

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
37900	2580	39598	2589.8	QPSK	1	99	1	0			**22.89**	23.5
				16AQAM	1	99	1	0			22.92	23.5
				64AQAM	1	99	1	0			21.86	23.5
				256AQAM	1	99	1	0			19.89	20.5
37901	2580.1	39599	2589.9	QPSK	1	99	1	0			22.74	23.5
				16AQAM	1	99	1	0			22.86	23.5
				64AQAM	1	99	1	0			21.82	23.5
				256AQAM	1	99	1	0			19.43	20.5
37902	2580.2	39600	2590	QPSK	1	99	1	0			22.73	23.5
				16AQAM	1	99	1	0			22.86	23.5
				64AQAM	1	99	1	0			21.83	23.5
				256AQAM	1	99	1	0			19.51	20.5

Combination 15MHz+15MHz (75RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
37825	2577.5	37975	2592.5	QPSK	1	74	1	0			22.81	24.5
				16AQAM	1	74	1	0			22.87	24.5
				64AQAM	1	74	1	0			21.83	23.5
				256AQAM	1	74	1	0			19.29	20.5
37825	2587.5	38075	2602.5	QPSK	1	74	1	0			22.89	24.5
				16AQAM	1	74	1	0			22.73	24.5
				64AQAM	1	74	1	0			21.87	23.5
				256AQAM	1	74	1	0			19.33	20.5
38025	2597.5	38175	2612.5	QPSK	1	74	1	0			22.87	24.5
				16AQAM	1	74	1	0			22.79	24.5
				64AQAM	1	74	1	0			21.83	23.5
				256AQAM	1	74	1	0			19.02	20.5

CA_38C Ant3

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
37900	2580	39598	2589.8	QPSK	1	99	1	0			22.12	23.5
				16AQAM	1	99	1	0			22.03	23.5
				64AQAM	1	99	1	0			22.18	23.5
				256AQAM	1	99	1	0			19.91	20.5
37901	2580.1	39599	2589.9	QPSK	1	99	1	0			24.12	23.5
				16AQAM	1	99	1	0			22.07	23.5
				64AQAM	1	99	1	0			22.21	23.5
				256AQAM	1	99	1	0			19.49	20.5
37902	2580.2	39600	2590	QPSK	1	99	1	0			**24.19**	23.5
				16AQAM	1	99	1	0			22.23	23.5
				64AQAM	1	99	1	0			22.27	23.5
				256AQAM	1	99	1	0			19.45	20.5

Combination 15MHz+15MHz (75RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
37825	2577.5	37975	2592.5	QPSK	1	74	1	0			23.99	24.5
				16AQAM	1	74	1	0			22.71	24.5
				64AQAM	1	74	1	0			22.11	23.5
				256AQAM	1	74	1	0			19.29	20.5
37825	2587.5	38075	2602.5	QPSK	1	74	1	0			24.09	25.5
				16AQAM	1	74	1	0			22.73	24.5
				64AQAM	1	74	1	0			22.16	23.5
				256AQAM	1	74	1	0			19.33	20.5
38025	2597.5	38175	2612.5	QPSK	1	74	1	0			24.09	25.5
				16AQAM	1	74	1	0			22.75	24.5
				64AQAM	1	74	1	0			22.18	23.5
				256AQAM	1	74	1	0			19.16	20.5

CA_38C Ant4

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
37900	2580	39598	2589.8	QPSK	1	99	1	0			**22.82**	23.5
				16AQAM	1	99	1	0			22.80	23.5
				64AQAM	1	99	1	0			21.91	23.5
				256AQAM	1	99	1	0			19.97	20.5
37901	2580.1	39599	2589.9	QPSK	1	99	1	0			22.78	23.5
				16AQAM	1	99	1	0			22.82	23.5
				64AQAM	1	99	1	0			21.82	23.5
				256AQAM	1	99	1	0			19.63	20.5
37902	2580.2	39600	2590	QPSK	1	99	1	0			22.78	23.5
				16AQAM	1	99	1	0			22.81	23.5
				64AQAM	1	99	1	0			21.77	23.5
				256AQAM	1	99	1	0			19.68	20.5

Combination 15MHz+15MHz (75RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
37825	2577.5	37975	2592.5	QPSK	1	74	1	0			22.76	24.5
				16AQAM	1	74	1	0			22.79	24.5
				64AQAM	1	74	1	0			21.77	23.5
				256AQAM	1	74	1	0			19.25	20.5
37825	2587.5	38075	2602.5	QPSK	1	74	1	0			22.72	24.5
				16AQAM	1	74	1	0			22.74	24.5
				64AQAM	1	74	1	0			21.75	23.5
				256AQAM	1	74	1	0			19.21	20.5
38025	2597.5	38175	2612.5	QPSK	1	74	1	0			22.67	24.5
				16AQAM	1	74	1	0			22.77	24.5
				64AQAM	1	74	1	0			21.77	23.5
				256AQAM	1	74	1	0			19.46	20.5

CA_41C Ant1

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
39750	2536	39968	2523.8	QPSK	1	99	1	0			22.89	24.5
				16AQAM	1	99	1	0			22.78	23.5
				64AQAM	1	99	1	0			21.79	23.5
				256AQAM	1	99	1	0			19.71	19.5
40521	2583.1	40179	2602.8	QPSK	1	99	1	0			**22.72**	24.5
				16AQAM	1	99	1	0			22.64	23.5
				64AQAM	1	99	1	0			21.81	23.5
				256AQAM	1	99	1	0			19.64	19.5
41262	2593.2	41490	2680	QPSK	1	99	1	0			23.13	23.5
				16AQAM	1	99	1	0			22.14	23.5
				64AQAM	1	99	1	0			21.19	22.5
				256AQAM	1	99	1	0			18.24	19.5

Combination 20MHz+15MHz (100RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
39750	2536	39921	2523.1	QPSK	1	99	1	0			23.07	24.5
				16AQAM	1	99	1	0			22.72	23.5
				64AQAM	1	99	1	0			21.79	23.5
				256AQAM	1	99	1	0			19.63	19.5
40548	2585.8	40717	2602.7	QPSK	1	99	1	0			22.98	24.5
				16AQAM	1	99	1	0			22.98	23.5
				64AQAM	1	99	1	0			21.75	23.5
				256AQAM	1	99	1	0			19.68	19.5
41361	2665.1	41512	2682.2	QPSK	1	99	1	0			22.98	23.5
				16AQAM	1	99	1	0			22.94	23.5
				64AQAM	1	99	1	0			21.78	22.5
				256AQAM	1	99	1	0			18.18	19.5

Combination 20MHz+10MHz (100RB+50RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
39750	2536	39894	2523.4	QPSK	1	99	1	0			23.09	24.5
				16AQAM	1	99	1	0			22.48	23.5
				64AQAM	1	99	1	0			21.76	23.5
				256AQAM	1	99	1	0			19.61	19.5
40521	2583.1	40115	2602.9	QPSK	1	99	1	0			23.03	24.5
				16AQAM	1	99	1	0			22.49	23.5
				64AQAM	1	99	1	0			21.80	23.5
				256AQAM	1	99	1	0			19.69	19.5
41319	2662.9	41490	2680	QPSK	1	99	1	0			23.03	24.5
				16AQAM	1	99	1	0			22.13	23.5
				64AQAM	1	99	1	0			21.11	22.5
				256AQAM	1	99	1	0			18.11	19.5

Combination 15MHz+15MHz (75RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
39725	2533.8	39975	2518.8	QPSK	1	74	1	0			23.08	24.5
				16AQAM	1	74	1	0			22.75	23.5
				64AQAM	1	74	1	0			21.70	23.5
				256AQAM	1	74	1	0			19.97	19.5
40565	2585.5	40985	2603.9	QPSK	1	74	0	0			23.61	24.5
				16AQAM	1	74	1	0			22.69	23.5
				64AQAM	1	74	1	0			21.79	23.5
				256AQAM	1	74	1	0			19.47	19.5
41365	2667.5	41515	2682.3	QPSK	1	74	1	0			23.12	24.5
				16AQAM	1	74	1	0			22.09	23.5
				64AQAM	1	74	1	0			21.03	23.5
				256AQAM	1	74	1	0			18.18	19.5

Combination 20MHz+10MHz (100RB+50RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
39750	2536	39894	2523.4	QPSK	1	99	1	0			22.96	24.5
				16AQAM	1	99	1	0			22.73	23.5
				64AQAM	1	99	1	0			21.71	23.5
				256AQAM	1	99	1	0			19.62	19.5
40571	2586.1	40715	2602.9	QPSK	1	99	1	0			23.00	24.5
				16AQAM	1	99	1	0			22.66	23.5
				64AQAM	1	99	1	0			21.69	23.5
				256AQAM	1	99	1	0			19.52	19.5
41391	2670.1	41535	2684.9	QPSK	1	99	1	0			23.02	24.5
				16AQAM	1	99	1	0			22.09	23.5
				64AQAM	1	99	1	0			21.10	23.5
				256AQAM	1	99	1	0			19.10	19.5

Combination 10MHz+10MHz (50RB+50RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
39725	2531.5	39969	2518.9	QPSK	1	49	1	0			22.68	24.5
				16AQAM	1	49	1	0			22.73	23.5
				64AQAM	1	49	1	0			21.78	23.5
				256AQAM	1	49	1	0			19.66	19.5
40526	2583.6	40970	2598	QPSK	1	49	1	0			22.68	24.5
				16AQAM	1	49	1	0			22.65	23.5
				64AQAM	1	49	1	0			21.79	23.5
				256AQAM	1	49	1	0			19.60	19.5
41366	2668.4	41490	2680	QPSK	1	49	1	0			22.77	24.5
				16AQAM	1	49	1	0			22.10	23.5
				64AQAM	1	49	1	0			21.08	23.5
				256AQAM	1	49	1	0			19.12	19.5

Combination 15MHz+10MHz (75RB+50RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
39725	2533.5	39969	2518.9	QPSK	1	74	1	0			22.99	24.5
				16AQAM	1	74	1	0			22.67	23.5
				64AQAM	1	74	1	0			21.76	23.5
				256AQAM	1	74	1	0			19.68	19.5
40571	2586.1	40991	2603.1	QPSK	1	74	1	0			22.94	24.5
				16AQAM	1	74	1	0			22.63	23.5
				64AQAM	1	74	1	0			21.72	23.5
				256AQAM	1	74	1	0			19.53	19.5
41417	2672.7	41537	2684.7	QPSK	1	74	1	0			22.93	24.5
				16AQAM	1	74	1	0			22.00	23.5
				64AQAM	1	74	1	0			21.08	23.5
				256AQAM	1	74	1	0			18.21	19.5

Combination 10MHz+10MHz (50RB+50RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
39703	2531.3	39823	2513.3	QPSK	1	49	1	0			23.63	24.5
				16AQAM	1	49	1	0			22.81	23.5
				64AQAM	1	49	1	0			21.79	23.5
				256AQAM	1	49	1	0			19.57	19.5
40549	2585.9	40969	2597.9	QPSK	1	49	1	0			22.59	24.5
				16AQAM	1	49	1	0			22.61	23.5
				64AQAM	1	49	1	0			21.71	23.5
				256AQAM	1	49	1	0			19.46	19.5
41396	2670.6	41516	2682.8	QPSK	1	49	1	0			22.58	24.5
				16AQAM	1	49	1	0			22.13	23.5
				64AQAM	1	49	1	0			21.19	23.5
				256AQAM	1	49	1	0			18.20	19.5

Combination 20MHz+5MHz (100RB+25RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
39750	2536	39967	2517.7	QPSK	1	99	1	0			23.68	24.5
				16AQAM	1	99	1	0			22.69	23.5
				64AQAM	1	99	1	0			21.83	23.5
				256AQAM	1	99	1	0			19.63	19.5
40566	2585.6	40712	2602.2	QPSK	1	99	1	0			22.68	24.5
				16AQAM	1	99	1	0			22.64	23.5
				64AQAM	1	99	1	0			21.75	23.5
				256AQAM	1	99	1	0			19.57	19.5
41460	2675	41557	2686.7	QPSK	1	99	1	0			23.51	24.5
				16AQAM	1	99	1	0			22.59	23.5
				64AQAM	1	99	1	0			21.12	23.5
				256AQAM	1	99	1	0			18.17	19.5

Combination 20MHz+5MHz (25RB+25RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
39683	2529.3	39950	2511	QPSK	1	24	1	0			22.74	24.5
				16AQAM	1	24	1	0			22.70	23.5
				64AQAM	1	24	1	0			21.72	23.5
				256AQAM	1	24	1	0			19.69	19.5
40528	2583.8	40945	2599.5	QPSK	1	24	1	0			22.52	24.5
				16AQAM	1	24	1	0			22.50	23.5
				64AQAM	1	24	1	0			21.70	23.5
				256AQAM	1	24	1	0			19.54	19.5
41373	2668.3	41490	2680	QPSK	1	24	1	0			23.11	24.5
				16AQAM	1	24	1	0			22.11	23.5
				64AQAM	1	24	1	0			21.08	23.5
				256AQAM	1	24	1	0			19.22	19.5

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
39750	2536	39968	2523.8	QPSK	1	99	1	0			**24.64**	25.5
				16AQAM	1	99	1	0			23.60	24.5
				64AQAM	1	99	1	0			22.63	23.5
				256AQAM	1	99	1	0			19.49	20.5
40521	2583.1	40179	2602.8	QPSK	1	99	1	0			24.45	25.5
				16AQAM	1	99	1	0			23.57	24.5
				64AQAM	1	99	1	0			22.68	23.5
				256AQAM	1	99	1	0			19.77	20.5
41262	2593.2	41490	2680	QPSK	1	99	1	0			24.36	25.5
				16AQAM	1	99	1	0			23.55	24.5
				64AQAM	1	99	1	0			22.61	23.5
				256AQAM	1	99	1	0			19.76	20.5

Combination 20MHz+15MHz (100RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
39750	2536	39921	2523.1	QPSK	1	99	1	0			24.61	25.5
				16AQAM	1	99	1	0			23.65	24.5
				64AQAM	1	99	1	0			22.64	23.5
				256AQAM	1	99	1	0			19.47	20.5
40548	2585.8	40717	2602.7	QPSK	1	99	1	0			24.58	25.5
				16AQAM	1	99	1	0			23.62	24.5
				64AQAM	1	99	1	0			22.62	23.5
				256AQAM	1	99	1	0			19.72	20.5
41361	2665.1	41512	2682.2	QPSK	1	99	1	0			24.23	25.5
				16AQAM	1	99	1	0			23.23	24.5
				64AQAM	1	99	1	0			22.23	23.5
				256AQAM	1	99	1	0			19.06	20.5

Combination 20MHz+10MHz (100RB+50RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
39750	2536	39894	2523.4	QPSK	1	99	1	0			24.62	25.5
				16AQAM	1	99	1	0			23.49	24.5
				64AQAM	1	99	1	0			22.61	23.5
				256AQAM	1	99	1	0			19.48	20.5
40521	2583.1	40115	2602.9	QPSK	1	99	1	0			24.53	25.5
				16AQAM	1	99	1	0			23.55	24.5
				64AQAM	1	99	1	0			22.68	23.5
				256AQAM	1	99	1	0			19.77	20.5
41319	2662.9	41490	2680	QPSK	1	99	1	0			24.55	25.5
				16AQAM	1	99	1	0			23.55	24.5
				64AQAM	1	99	1	0			22.62	23.5
				256AQAM	1	99	1	0			19.73	20.5

Combination 15MHz+15MHz (75RB+75RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC			SCC			Measured Power (dBm)	Max Tune up (dBm)
					RB Size	RB offset	Mpr	RB Size	RB offset	Mpr		
39725	2533.8	39975	2518.8	QPSK	1	74	1	0			24.63	25.5
				16AQAM	1	74	1	0			23.58	24.5
				64AQAM	1	74	1	0			22.60	23.5
				256AQAM	1	74	1	0			19.42	20.

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Max Tune-up (dBm)
20850	2510	21048	2529.8	QPSK	1	99	1	0	**23.84**	24
				16QAM	1	99	1	0	22.26	23
				64QAM	1	99	1	0	21.14	22
				256QAM	1	99	1	0	18.76	19
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	23.52	24
				16QAM	1	99	1	0	22.13	23
				64QAM	1	99	1	0	21.14	22
				256QAM	1	99	1	0	18.82	19
21152	2540.2	21350	2560	QPSK	1	99	1	0	23.81	24
				16QAM	1	99	1	0	22.21	23
				64QAM	1	99	1	0	21.10	22
				256QAM	1	99	1	0	18.87	19

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Max Tune-up (dBm)
20850	2510	21048	2529.8	QPSK	1	99	1	0	15.04	16
				16QAM	1	99	1	0	14.89	16
				64QAM	1	99	1	0	14.93	16
				256QAM	1	99	1	0	14.87	16
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	14.99	16
				16QAM	1	99	1	0	14.84	16
				64QAM	1	99	1	0	14.88	16
				256QAM	1	99	1	0	14.84	16
21152	2540.2	21350	2560	QPSK	1	99	1	0	**15.13**	16
				16QAM	1	99	1	0	14.84	16
				64QAM	1	99	1	0	14.91	16
				256QAM	1	99	1	0	14.82	16

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Max Tune-up (dBm)
20850	2510	21048	2529.8	QPSK	1	99	1	0	**17.35**	18.5
				16QAM	1	99	1	0	17.23	18.5
				64QAM	1	99	1	0	17.28	18.5
				256QAM	1	99	1	0	17.17	18.5
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	17.20	18.5
				16QAM	1	99	1	0	17.11	18.5
				64QAM	1	99	1	0	17.24	18.5
				256QAM	1	99	1	0	17.13	18.5
21152	2540.2	21350	2560	QPSK	1	99	1	0	17.26	18.5
				16QAM	1	99	1	0	17.21	18.5
				64QAM	1	99	1	0	17.17	18.5
				256QAM	1	99	1	0	17.02	18.5

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Max Tune-up (dBm)
20850	2510	21048	2529.8	QPSK	1	99	1	0	14.13	15
				16QAM	1	99	1	0	14.00	15
				64QAM	1	99	1	0	13.98	15
				256QAM	1	99	1	0	13.94	15
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	14.11	15
				16QAM	1	99	1	0	14.01	15
				64QAM	1	99	1	0	13.94	15
				256QAM	1	99	1	0	14.04	15
21152	2540.2	21350	2560	QPSK	1	99	1	0	**14.16**	15
				16QAM	1	99	1	0	14.11	15
				64QAM	1	99	1	0	14.07	15
				256QAM	1	99	1	0	14.05	15

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Max Tune-up (dBm)
37850	2580	38048	2599.8	QPSK	1	99	1	0	**23.61**	24.5
				16QAM	1	99	1	0	22.58	23.5
				64QAM	1	99	1	0	21.73	22.5
				256QAM	1	99	1	0	18.76	19.5
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	23.57	24.5
				16QAM	1	99	1	0	22.55	23.5
				64QAM	1	99	1	0	21.69	22.5
				256QAM	1	99	1	0	18.53	19.5
37952	2590.2	38150	2610	QPSK	1	99	1	0	23.59	24.5
				16QAM	1	99	1	0	22.57	23.5
				64QAM	1	99	1	0	21.74	22.5
				256QAM	1	99	1	0	18.49	19.5

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Max Tune-up (dBm)
37850	2580	38048	2599.8	QPSK	1	99	1	0	17.44	19
				16QAM	1	99	1	0	17.31	19
				64QAM	1	99	1	0	17.24	19
				256QAM	1	99	1	0	17.14	19
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	**17.54**	19
				16QAM	1	99	1	0	17.41	19
				64QAM	1	99	1	0	17.39	19
				256QAM	1	99	1	0	17.28	19
37952	2590.2	38150	2610	QPSK	1	99	1	0	17.53	19
				16QAM	1	99	1	0	17.36	19
				64QAM	1	99	1	0	17.37	19
				256QAM	1	99	1	0	17.20	19

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Max Tune-up (dBm)
37850	2580	38048	2599.8	QPSK	1	99	1	0	**20.34**	21.5
				16QAM	1	99	1	0	20.28	21.5
				64QAM	1	99	1	0	20.19	21.5
				256QAM	1	99	1	0	19.45	20.5
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	20.25	21.5
				16QAM	1	99	1	0	20.19	21.5
				64QAM	1	99	1	0	20.06	21.5
				256QAM	1	99	1	0	19.56	20.5
37952	2590.2	38150	2610	QPSK	1	99	1	0	20.28	21.5
				16QAM	1	99	1	0	20.17	21.5
				64QAM	1	99	1	0	20.18	21.5
				256QAM	1	99	1	0	19.43	20.5

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Max Tune-up (dBm)
37850	2580	38048	2599.8	QPSK	1	99	1	0	**15.63**	17
				16QAM	1	99	1	0	15.54	17
				64QAM	1	99	1	0	15.47	17
				256QAM	1	99	1	0	15.58	17
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	15.56	17
				16QAM	1	99	1	0	15.39	17
				64QAM	1	99	1	0	15.33	17
				256QAM	1	99	1	0	15.57	17
37952	2590.2	38150	2610	QPSK	1	99	1	0	15.62	17
				16QAM	1	99	1	0	15.48	17
				64QAM	1	99	1	0	15.41	17
				256QAM	1	99	1	0	15.43	17

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Max Tune-up (dBm)
39750	2506	39948	2525.8	QPSK	1	99	1	0	23.69	24.5
				16QAM	1	99	1	0	22.76	23.5
				64QAM	1	99	1	0	21.76	22.5
				256QAM	1	99	1	0	18.71	19.5
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	**23.72**	24.5
				16QAM	1	99	1	0	22.56	23.5
				64QAM	1	99	1	0	21.81	22.5
				256QAM	1	99	1	0	18.58	19.5
41292	2680.2	41490	2680	QPSK	1	99	1	0	23.13	24.5
				16QAM	1	99	1	0	22.14	23.5
				64QAM	1	99	1	0	21.19	22.5
				256QAM	1	99	1	0	18.24	19.5

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Max Tune-up (dBm)
39750	2506	39948	2525.8	QPSK	1	99	1	0	**17.23**	18
				16QAM	1	99	1	0	17.17	18
				64QAM	1	99	1	0	17.15	18
				256QAM	1	99	1	0	17.09	18
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	17.11	18
				16QAM	1	99	1	0	17.14	18
				64QAM	1	99	1	0	17.04	18
				256QAM	1	99	1	0	17.00	18
41292	2680.2	41490	2680	QPSK	1	99	1	0	17.09	18
				16QAM	1	99	1	0	17.05	18
				64QAM	1	99	1	0	17.01	18
				256QAM	1	99	1	0	17.00	18

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Max Tune-up (dBm)
39750	2506	39948	2525.8	QPSK	1	99	1	0	**21.13**	22
				16QAM	1	99	1	0	20.85	22
				64QAM	1	99	1	0	21.07	22
				256QAM	1	99	1	0	19.23	20.5
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	21.12	22
				16QAM	1	99	1	0	20.73	22
				64QAM	1	99	1	0	20.97	22
				256QAM	1	99	1	0	19.08	20.5
41292	2680.2	41490	2680	QPSK	1	99	1	0	20.99	22
				16QAM	1	99	1	0	20.71	22
				64QAM	1	99	1	0	20.98	22
				256QAM	1	99	1	0	19.22	20.5

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC RB Size	PCC RB offset	SCC RB Size	SCC RB offset	Measured Power (dBm)	Max Tune-up (dBm)
39750	2506	39948	2525.8	QPSK	1	99	1	0	17.16	18
				16QAM	1	99	1	0	17.08	18
				64QAM	1	99	1	0	17.17	18
				256QAM	1	99	1	0	17.04	18
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	**17.26**	18
				16QAM	1	99	1	0	17.19	18
				64QAM	1	99	1	0	17.22	18
				256QAM	1	99	1	0	17.13	18
41292	2680.2	41490	2680	QPSK	1	99	1	0	17.24	18
				16QAM	1	99	1	0	17.16	18
				64QAM	1	99	1	0	17.15	18
				256QAM	1	99	1	0	17.05	18

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	**20.08**	21
				16QAM	1	99	1	0	19.94	21
				64QAM	1	99	1	0	20.01	21
				256QAM	1	99	1	0	18.97	19
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	19.98	21
				16QAM	1	99	1	0	19.81	21
				64QAM	1	99	1	0	19.92	21
				256QAM	1	99	1	0	18.84	19
21152	2540.2	21350	2560	QPSK	1	99	1	0	20.07	21
				16QAM	1	99	1	0	19.91	21
				64QAM	1	99	1	0	19.87	21
				256QAM	1	99	1	0	18.73	19

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	**17.13**	18.5
				16QAM	1	99	1	0	16.89	18.5
				64QAM	1	99	1	0	16.91	18.5
				256QAM	1	99	1	0	16.97	18.5
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	17.11	18.5
				16QAM	1	99	1	0	16.94	18.5
				64QAM	1	99	1	0	16.81	18.5
				256QAM	1	99	1	0	16.90	18.5
21152	2540.2	21350	2560	QPSK	1	99	1	0	17.08	18.5
				16QAM	1	99	1	0	16.78	18.5
				64QAM	1	99	1	0	16.87	18.5
				256QAM	1	99	1	0	16.90	18.5

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Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	19.34	20.5
				16QAM	1	99	1	0	19.27	20.5
				64QAM	1	99	1	0	19.25	20.5
				256QAM	1	99	1	0	19.13	20.5
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	19.33	20.5
				16QAM	1	99	1	0	19.31	20.5
				64QAM	1	99	1	0	19.23	20.5
				256QAM	1	99	1	0	19.26	20.5
21152	2540.2	21350	2560	QPSK	1	99	1	0	**19.46**	20.5
				16QAM	1	99	1	0	19.37	20.5
				64QAM	1	99	1	0	19.34	20.5
				256QAM	1	99	1	0	19.28	20.5

CA_7C Ant4

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	**17.45**	18.5
				16QAM	1	99	1	0	17.33	18.5
				64QAM	1	99	1	0	17.38	18.5
				256QAM	1	99	1	0	17.29	18.5
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	17.44	18.5
				16QAM	1	99	1	0	17.32	18.5
				64QAM	1	99	1	0	17.31	18.5
				256QAM	1	99	1	0	17.22	18.5
21152	2540.2	21350	2560	QPSK	1	99	1	0	17.38	18.5
				16QAM	1	99	1	0	17.32	18.5
				64QAM	1	99	1	0	17.23	18.5
				256QAM	1	99	1	0	17.27	18.5

CA_38C Ant0

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
37850	2580	38048	2599.8	QPSK	1	99	1	0	**23.61**	24.5
				16QAM	1	99	1	0	22.58	23.5
				64QAM	1	99	1	0	21.73	22.5
				256QAM	1	99	1	0	18.76	19.5
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	23.57	24.5
				16QAM	1	99	1	0	22.55	23.5
				64QAM	1	99	1	0	21.69	22.5
				256QAM	1	99	1	0	18.53	19.5
37952	2590.2	38150	2610	QPSK	1	99	1	0	23.59	24.5
				16QAM	1	99	1	0	22.57	23.5
				64QAM	1	99	1	0	21.74	22.5
				256QAM	1	99	1	0	18.49	19.5

CA_38C Ant2

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
37850	2580	38048	2599.8	QPSK	1	99	1	0	**19.57**	21
				16QAM	1	99	1	0	19.49	21
				64QAM	1	99	1	0	19.45	21
				256QAM	1	99	1	0	19.32	20.5
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	19.45	21
				16QAM	1	99	1	0	19.35	21
				64QAM	1	99	1	0	19.38	21
				256QAM	1	99	1	0	19.29	20.5
37952	2590.2	38150	2610	QPSK	1	99	1	0	19.44	21
				16QAM	1	99	1	0	19.38	21
				64QAM	1	99	1	0	19.30	21
				256QAM	1	99	1	0	19.23	20.5

CA_38C Ant3

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
37850	2580	38048	2599.8	QPSK	1	99	1	0	22.24	23.5
				16QAM	1	99	1	0	22.10	23.5
				64QAM	1	99	1	0	22.11	23.5
				256QAM	1	99	1	0	19.22	20.5
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	22.22	23.5
				16QAM	1	99	1	0	22.17	23.5
				64QAM	1	99	1	0	22.02	23.5
				256QAM	1	99	1	0	19.33	20.5
37952	2590.2	38150	2610	QPSK	1	99	1	0	**22.27**	23.5
				16QAM	1	99	1	0	22.19	23.5
				64QAM	1	99	1	0	22.12	23.5
				256QAM	1	99	1	0	19.34	20.5

CA_38C Ant4

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
37850	2580	38048	2599.8	QPSK	1	99	1	0	**18.63**	20
				16QAM	1	99	1	0	18.54	20
				64QAM	1	99	1	0	18.47	20
				256QAM	1	99	1	0	18.59	20
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	18.62	20
				16QAM	1	99	1	0	18.47	20
				64QAM	1	99	1	0	18.46	20
				256QAM	1	99	1	0	18.52	20
37952	2590.2	38150	2610	QPSK	1	99	1	0	18.60	20
				16QAM	1	99	1	0	18.45	20
				64QAM	1	99	1	0	18.43	20
				256QAM	1	99	1	0	18.58	20

CA_41C Ant0

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
39750	2506	39948	2525.8	QPSK	1	99	1	0	23.17	24
				16QAM	1	99	1	0	22.72	23.5
				64QAM	1	99	1	0	21.77	22.5
				256QAM	1	99	1	0	18.59	19.5
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	23.19	24
				16QAM	1	99	1	0	22.61	23.5
				64QAM	1	99	1	0	21.67	22.5
				256QAM	1	99	1	0	18.67	19.5
41292	2660.2	41490	2680	QPSK	1	99	1	0	**23.22**	24
				16QAM	1	99	1	0	22.65	23.5
				64QAM	1	99	1	0	21.64	22.5
				256QAM	1	99	1	0	18.59	19.5

CA_41C Ant2

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
39750	2506	39948	2525.8	QPSK	1	99	1	0	**20.87**	21.5
				16QAM	1	99	1	0	20.73	21.5
				64QAM	1	99	1	0	20.82	21.5
				256QAM	1	99	1	0	19.58	20.5
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	20.76	21.5
				16QAM	1	99	1	0	20.68	21.5
				64QAM	1	99	1	0	20.75	21.5
				256QAM	1	99	1	0	19.46	20.5
41292	2660.2	41490	2680	QPSK	1	99	1	0	20.85	21.5
				16QAM	1	99	1	0	20.72	21.5
				64QAM	1	99	1	0	20.79	21.5
				256QAM	1	99	1	0	19.53	20.5

CA_41C Ant3

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
39750	2506	39948	2525.8	QPSK	1	99	1	0	22.09	23
				16QAM	1	99	1	0	22.05	23
				64QAM	1	99	1	0	22.08	23
				256QAM	1	99	1	0	19.29	20.5
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	**22.23**	23
				16QAM	1	99	1	0	22.15	23
				64QAM	1	99	1	0	22.13	23
				256QAM	1	99	1	0	19.32	20.5
41292	2660.2	41490	2680	QPSK	1	99	1	0	22.21	23
				16QAM	1	99	1	0	22.13	23
				64QAM	1	99	1	0	22.10	23
				256QAM	1	99	1	0	19.31	20.5

CA_41C Ant4

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
39750	2506	39948	2525.8	QPSK	1	99	1	0	18.72	19.5
				16QAM	1	99	1	0	18.57	19.5
				64QAM	1	99	1	0	18.52	19.5
				256QAM	1	99	1	0	18.51	19.5
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	**18.76**	19.5
				16QAM	1	99	1	0	18.59	19.5
				64QAM	1	99	1	0	18.67	19.5
				256QAM	1	99	1	0	18.55	19.5
41292	2660.2	41490	2680	QPSK	1	99	1	0	18.69	19.5
				16QAM	1	99	1	0	18.47	19.5
				64QAM	1	99	1	0	18.65	19.5
				256QAM	1	99	1	0	18.54	19.5

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CA_7C Ant0

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	**20.08**	21
				16QAM	1	99	1	0	19.94	21
				64QAM	1	99	1	0	20.01	21
				256QAM	1	99	1	0	18.97	19
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	19.98	21
				16QAM	1	99	1	0	19.81	21
				64QAM	1	99	1	0	19.92	21
				256QAM	1	99	1	0	18.84	19
21152	2540.2	21350	2560	QPSK	1	99	1	0	20.07	21
				16QAM	1	99	1	0	19.91	21
				64QAM	1	99	1	0	19.87	21
				256QAM	1	99	1	0	18.73	19

CA_7C Ant2

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	**22.48**	23.5
				16QAM	1	99	1	0	22.21	23.5
				64QAM	1	99	1	0	22.15	23.5
				256QAM	1	99	1	0	19.39	20.5
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	22.42	23.5
				16QAM	1	99	1	0	22.12	23.5
				64QAM	1	99	1	0	22.03	23.5
				256QAM	1	99	1	0	19.34	20.5
21152	2540.2	21350	2560	QPSK	1	99	1	0	22.41	23.5
				16QAM	1	99	1	0	22.07	23.5
				64QAM	1	99	1	0	22.06	23.5
				256QAM	1	99	1	0	19.32	20.5

CA_7C Ant3

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	24.07	25.5
				16QAM	1	99	1	0	23.93	24.5
				64QAM	1	99	1	0	22.43	23.5
				256QAM	1	99	1	0	19.45	20.5
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	24.09	25.5
				16QAM	1	99	1	0	23.43	24.5
				64QAM	1	99	1	0	22.38	23.5
				256QAM	1	99	1	0	19.39	20.5
21152	2540.2	21350	2560	QPSK	1	99	1	0	**24.11**	25.5
				16QAM	1	99	1	0	23.62	24.5
				64QAM	1	99	1	0	22.19	23.5
				256QAM	1	99	1	0	19.35	20.5

CA_7C Ant4

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	**17.45**	18.5
				16QAM	1	99	1	0	17.33	18.5
				64QAM	1	99	1	0	17.38	18.5
				256QAM	1	99	1	0	17.29	18.5
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	17.44	25.5
				16QAM	1	99	1	0	17.32	24.5
				64QAM	1	99	1	0	17.31	23.5
				256QAM	1	99	1	0	17.22	20.5
21152	2540.2	21350	2560	QPSK	1	99	1	0	17.38	25.5
				16QAM	1	99	1	0	17.32	24.5
				64QAM	1	99	1	0	17.23	23.5
				256QAM	1	99	1	0	17.27	20.5

CA_38C Ant0

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
37850	2580	38048	2599.8	QPSK	1	99	1	0	**23.61**	24.5
				16QAM	1	99	1	0	22.58	23.5
				64QAM	1	99	1	0	21.73	22.5
				256QAM	1	99	1	0	18.76	19.5
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	23.57	24.5
				16QAM	1	99	1	0	22.55	23.5
				64QAM	1	99	1	0	21.69	22.5
				256QAM	1	99	1	0	18.53	19.5
37952	2590.2	38150	2610	QPSK	1	99	1	0	23.59	24.5
				16QAM	1	99	1	0	22.57	23.5
				64QAM	1	99	1	0	21.74	22.5
				256QAM	1	99	1	0	18.49	19.5

CA_38C Ant2

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
37850	2580	38048	2599.8	QPSK	1	99	1	0	**23.86**	25.5
				16QAM	1	99	1	0	23.02	24.5
				64QAM	1	99	1	0	21.86	23.5
				256QAM	1	99	1	0	19.38	20.5
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	23.74	25.5
				16QAM	1	99	1	0	22.87	24.5
				64QAM	1	99	1	0	21.82	23.5
				256QAM	1	99	1	0	19.42	20.5
37952	2590.2	38150	2610	QPSK	1	99	1	0	23.77	25.5
				16QAM	1	99	1	0	22.86	24.5
				64QAM	1	99	1	0	21.84	23.5
				256QAM	1	99	1	0	19.51	20.5

CA_38C Ant3

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
37850	2580	38048	2599.8	QPSK	1	99	1	0	24.12	25.5
				16QAM	1	99	1	0	23.34	24.5
				64QAM	1	99	1	0	22.18	23.5
				256QAM	1	99	1	0	19.39	20.5
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	24.12	25.5
				16QAM	1	99	1	0	23.13	24.5
				64QAM	1	99	1	0	22.21	23.5
				256QAM	1	99	1	0	19.48	20.5
37952	2590.2	38150	2610	QPSK	1	99	1	0	**24.19**	25.5
				16QAM	1	99	1	0	23.27	24.5
				64QAM	1	99	1	0	22.19	23.5
				256QAM	1	99	1	0	19.30	20.5

CA_38C Ant4

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
37850	2580	38048	2599.8	QPSK	1	99	1	0	**18.63**	20
				16QAM	1	99	1	0	18.54	20
				64QAM	1	99	1	0	18.47	20
				256QAM	1	99	1	0	18.59	20
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	18.62	20
				16QAM	1	99	1	0	18.47	20
				64QAM	1	99	1	0	18.46	20
				256QAM	1	99	1	0	18.52	20
37952	2590.2	38150	2610	QPSK	1	99	1	0	18.60	20
				16QAM	1	99	1	0	18.45	20
				64QAM	1	99	1	0	18.43	20
				256QAM	1	99	1	0	18.58	20

CA_41C Ant0

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
39750	2506	39948	2525.8	QPSK	1	99	1	0	23.17	24
				16QAM	1	99	1	0	22.72	23.5
				64QAM	1	99	1	0	21.77	22.5
				256QAM	1	99	1	0	18.59	19.5
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	23.19	24
				16QAM	1	99	1	0	22.61	23.5
				64QAM	1	99	1	0	21.67	22.5
				256QAM	1	99	1	0	18.67	19.5
41292	2660.2	41490	2680	QPSK	1	99	1	0	**23.22**	24
				16QAM	1	99	1	0	22.85	23.5
				64QAM	1	99	1	0	21.64	22.5
				256QAM	1	99	1	0	18.59	19.5

CA_41C Ant2

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
39750	2506	39948	2525.8	QPSK	1	99	1	0	**24.64**	25.5
				16QAM	1	99	1	0	23.60	24.5
				64QAM	1	99	1	0	22.63	23.5
				256QAM	1	99	1	0	19.49	20.5
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	24.45	25.5
				16QAM	1	99	1	0	23.57	24.5
				64QAM	1	99	1	0	22.48	23.5
				256QAM	1	99	1	0	19.37	20.5
41292	2660.2	41490	2680	QPSK	1	99	1	0	24.36	25.5
				16QAM	1	99	1	0	23.35	24.5
				64QAM	1	99	1	0	22.24	23.5
				256QAM	1	99	1	0	19.16	20.5

CA_41C Ant3

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
39750	2506	39948	2525.8	QPSK	1	99	1	0	24.57	25.5
				16QAM	1	99	1	0	23.47	24.5
				64QAM	1	99	1	0	22.44	23.5
				256QAM	1	99	1	0	19.19	20.5
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	**24.58**	25.5
				16QAM	1	99	1	0	23.60	24.5
				64QAM	1	99	1	0	22.52	23.5
				256QAM	1	99	1	0	19.26	20.5
41292	2660.2	41490	2680	QPSK	1	99	1	0	23.96	25.5
				16QAM	1	99	1	0	22.91	24.5
				64QAM	1	99	1	0	22.21	23.5
				256QAM	1	99	1	0	18.91	20.5

CA_41C Ant4

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
39750	2506	39948	2525.8	QPSK	1	99	1	0	18.72	19.5
				16QAM	1	99	1	0	18.57	19.5
				64QAM	1	99	1	0	18.52	19.5
				256QAM	1	99	1	0	18.51	19.5
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	**18.76**	19.5
				16QAM	1	99	1	0	18.59	19.5
				64QAM	1	99	1	0	18.67	19.5
				256QAM	1	99	1	0	18.55	19.5
41292	2660.2	41490	2680	QPSK	1	99	1	0	18.69	19.5
				16QAM	1	99	1	0	18.47	19.5
				64QAM	1	99	1	0	18.65	19.5
				256QAM	1	99	1	0	18.54	19.5

Intar_CA_DSI5

CA_7C Ant0

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	**20.08**	21
				16QAM	1	99	1	0	19.94	21
				64QAM	1	99	1	0	20.01	21
				256QAM	1	99	1	0	18.97	19
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	19.98	21
				16QAM	1	99	1	0	19.81	21
				64QAM	1	99	1	0	19.92	21
				256QAM	1	99	1	0	18.94	19
21152	2540.2	21350	2560	QPSK	1	99	1	0	20.07	21
				16QAM	1	99	1	0	19.91	21
				64QAM	1	99	1	0	19.87	21
				256QAM	1	99	1	0	18.73	19

CA_7C Ant2

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	15.04	16
				16QAM	1	99	1	0	14.89	16
				64QAM	1	99	1	0	14.93	16
				256QAM	1	99	1	0	14.87	16
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	14.99	16
				16QAM	1	99	1	0	14.94	16
				64QAM	1	99	1	0	14.88	16
				256QAM	1	99	1	0	14.94	16
21152	2540.2	21350	2560	QPSK	1	99	1	0	**15.13**	16
				16QAM	1	99	1	0	14.84	16
				64QAM	1	99	1	0	14.91	16
				256QAM	1	99	1	0	14.82	16

CA_7C Ant3

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	**17.35**	18.5
				16QAM	1	99	1	0	17.23	18.5
				64QAM	1	99	1	0	17.28	18.5
				256QAM	1	99	1	0	17.17	18.5
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	17.20	18.5
				16QAM	1	99	1	0	17.11	18.5
				64QAM	1	99	1	0	17.24	18.5
				256QAM	1	99	1	0	17.13	18.5
21152	2540.2	21350	2560	QPSK	1	99	1	0	17.26	18.5
				16QAM	1	99	1	0	17.21	18.5
				64QAM	1	99	1	0	17.17	18.5
				256QAM	1	99	1	0	17.02	18.5

CA_7C Ant4

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
20850	2510	21048	2529.8	QPSK	1	99	1	0	14.13	15
				16QAM	1	99	1	0	14.00	15
				64QAM	1	99	1	0	13.98	15
				256QAM	1	99	1	0	13.94	15
21001	2525.1	21199	2544.9	QPSK	1	99	1	0	14.11	15
				16QAM	1	99	1	0	14.01	15
				64QAM	1	99	1	0	13.94	15
				256QAM	1	99	1	0	14.04	15
21152	2540.2	21350	2560	QPSK	1	99	1	0	**14.16**	15
				16QAM	1	99	1	0	14.11	15
				64QAM	1	99	1	0	14.07	15
				256QAM	1	99	1	0	14.05	15

CA_38C Ant0

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
37850	2580	38048	2599.8	QPSK	1	99	1	0	**23.61**	24.5
				16QAM	1	99	1	0	22.58	23.5
				64QAM	1	99	1	0	21.73	22.5
				256QAM	1	99	1	0	18.76	19.5
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	23.57	24.5
				16QAM	1	99	1	0	22.55	23.5
				64QAM	1	99	1	0	21.69	22.5
				256QAM	1	99	1	0	18.53	19.5
37952	2590.2	38150	2610	QPSK	1	99	1	0	23.59	24.5
				16QAM	1	99	1	0	22.57	23.5
				64QAM	1	99	1	0	21.74	22.5
				256QAM	1	99	1	0	18.49	19.5

CA_38C Ant2

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
37850	2580	38048	2599.8	QPSK	1	99	1	0	17.44	19
				16QAM	1	99	1	0	17.31	19
				64QAM	1	99	1	0	17.24	19
				256QAM	1	99	1	0	17.14	19
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	**17.54**	19
				16QAM	1	99	1	0	17.41	19
				64QAM	1	99	1	0	17.39	19
				256QAM	1	99	1	0	17.28	19
37952	2590.2	38150	2610	QPSK	1	99	1	0	17.53	19
				16QAM	1	99	1	0	17.36	19
				64QAM	1	99	1	0	17.37	19
				256QAM	1	99	1	0	17.20	19

CA_38C Ant3

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
37850	2580	38048	2599.8	QPSK	1	99	1	0	**20.34**	21.5
				16QAM	1	99	1	0	20.28	21.5
				64QAM	1	99	1	0	20.19	21.5
				256QAM	1	99	1	0	19.45	20.5
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	20.25	21.5
				16QAM	1	99	1	0	20.19	21.5
				64QAM	1	99	1	0	20.06	21.5
				256QAM	1	99	1	0	19.56	20.5
37952	2590.2	38150	2610	QPSK	1	99	1	0	20.28	21.5
				16QAM	1	99	1	0	20.17	21.5
				64QAM	1	99	1	0	20.18	21.5
				256QAM	1	99	1	0	19.43	20.5

CA_38C Ant4

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
37850	2580	38048	2599.8	QPSK	1	99	1	0	**15.63**	17
				16QAM	1	99	1	0	15.54	17
				64QAM	1	99	1	0	15.47	17
				256QAM	1	99	1	0	15.58	17
37901	2585.1	38099	2604.9	QPSK	1	99	1	0	15.56	17
				16QAM	1	99	1	0	15.39	17
				64QAM	1	99	1	0	15.33	17
				256QAM	1	99	1	0	15.57	17
37952	2590.2	38150	2610	QPSK	1	99	1	0	15.62	17
				16QAM	1	99	1	0	15.48	17
				64QAM	1	99	1	0	15.41	17
				256QAM	1	99	1	0	15.43	17

CA_41C Ant0

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
39750	2506	39948	2525.8	QPSK	1	99	1	0	23.17	24
				16QAM	1	99	1	0	22.72	23.5
				64QAM	1	99	1	0	21.77	22.5
				256QAM	1	99	1	0	18.59	19.5
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	23.19	24
				16QAM	1	99	1	0	22.61	23.5
				64QAM	1	99	1	0	21.67	22.5
				256QAM	1	99	1	0	18.67	19.5
41292	2660.2	41490	2680	QPSK	1	99	1	0	**23.22**	24
				16QAM	1	99	1	0	22.65	23.5
				64QAM	1	99	1	0	21.64	22.5
				256QAM	1	99	1	0	18.59	19.5

CA_41C Ant2

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
39750	2506	39948	2525.8	QPSK	1	99	1	0	**17.23**	18
				16QAM	1	99	1	0	17.17	18
				64QAM	1	99	1	0	17.15	18
				256QAM	1	99	1	0	17.09	18
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	17.11	18
				16QAM	1	99	1	0	17.14	18
				64QAM	1	99	1	0	17.04	18
				256QAM	1	99	1	0	17.00	18
41292	2660.2	41490	2680	QPSK	1	99	1	0	17.09	18
				16QAM	1	99	1	0	17.05	18
				64QAM	1	99	1	0	17.01	18
				256QAM	1	99	1	0	17.00	18

CA_41C Ant3

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
39750	2506	39948	2525.8	QPSK	1	99	1	0	**21.13**	22
				16QAM	1	99	1	0	20.85	22
				64QAM	1	99	1	0	21.07	22
				256QAM	1	99	1	0	19.23	20.5
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	21.12	22
				16QAM	1	99	1	0	20.73	22
				64QAM	1	99	1	0	20.97	22
				256QAM	1	99	1	0	19.08	20.5
41292	2660.2	41490	2680	QPSK	1	99	1	0	20.99	22
				16QAM	1	99	1	0	20.71	22
				64QAM	1	99	1	0	20.98	22
				256QAM	1	99	1	0	19.22	20.5

CA_41C Ant4

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	PCC Frequency (MHz)	SCC Channel	SCC Frequency (MHz)	Modulation	PCC		SCC		Measured Power (dBm)	Max Tune-up (dBm)
					RB Size	RB offset	RB Size	RB offset		
39750	2506	39948	2525.8	QPSK	1	99	1	0	17.16	18
				16QAM	1	99	1	0	17.08	18
				64QAM	1	99	1	0	17.17	18
				256QAM	1	99	1	0	17.04	18
40521	2583.1	40719	2602.9	QPSK	1	99	1	0	**17.28**	18
				16QAM	1	99	1	0	17.19	18
				64QAM	1	99	1	0	17.26	18
				256QAM	1	99	1	0	17.13	18
41292	2660.2	41490	2680	QPSK	1	99	1	0	17.24	18
				16QAM	1	99	1	0	17.16	18
				64QAM	1	99	1	0	17.15	18
				256QAM	1	99	1	0	17.05	18

FR1 NR_Default

n2 (SCS 15kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		374000	376000	378000		
		Frequence (MHz)		1870	1880	1890		
40	PI/2 BPSK	1	1	23.79	23.86	23.83	0	25.5
		1	108	23.69	23.73	23.68	0	25.5
		1	214	23.76	23.80	23.75	0	25.5
		108	0	23.01	23.17	23.23	0.5	25.0
		108	54	23.71	23.83	23.62	0	25.5
		108	108	23.23	23.27	23.24	0.5	25.0
		216	0	23.28	23.31	23.24	0.5	25.0
	QPSK	1	1	**23.85**	**23.88**	**23.79**	0	25.5
		1	108	23.70	23.79	23.73	0	25.5
		1	214	23.76	23.80	23.69	0	25.5
		108	0	22.66	22.87	22.78	1	24.5
		108	54	**23.62**	**23.83**	**23.76**	0	25.5
		108	108	22.75	22.88	22.85	1	24.5
		216	0	22.78	**22.94**	22.83	1	24.5
	16QAM	1	1	22.80	22.87	22.90	1	24.5
	64QAM	1	1	20.73	20.78	20.75	3	22.5
	256QAM	1	1	18.66	18.68	18.64	5	20.5
BW [MHz]	DFT-s-OFDM	Channel		373500	376000	378500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1867.5	1880	1892.5		
35	QPSK	1	1	23.71	23.79	23.67	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		373000	376000	379000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1865	1880	1895		
30	QPSK	1	1	23.75	23.84	23.73	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		372500	376000	379500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1862.5	1880	1897.5		
25	QPSK	1	1	23.56	23.70	23.65	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		372000	376000	380000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1860	1880	1900		
20	QPSK	1	1	23.59	23.82	23.56	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5		
15	QPSK	1	1	23.70	23.85	23.71	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1855	1880	1905		
10	QPSK	1	1	23.70	23.79	23.62	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5		
5	QPSK	1	1	23.62	23.72	23.54	0	25.5

n2 (SCS 15kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		374000	376000	378000		
		Frequence (MHz)		1870	1880	1890		
40	PI/2 BPSK	1	1	24.39	24.47	24.36	0	25.5
		1	108	24.24	24.36	24.30	0	25.5
		1	214	24.16	24.31	24.25	0	25.5
		108	0	23.76	23.89	23.86	0.5	25.0
		108	54	24.32	24.46	24.40	0	25.5
		108	108	23.76	23.82	23.71	0.5	25.0
		216	0	23.83	23.87	23.85	0.5	25.0
	QPSK	1	1	**24.49**	**24.54**	**24.46**	0	25.5
		1	108	24.17	24.21	24.17	0	25.5
		1	214	24.21	24.30	24.15	0	25.5
		108	0	23.35	23.39	23.34	1	24.5
		108	54	**24.41**	**24.46**	**24.35**	0	25.5
		108	108	23.31	23.35	23.23	1	24.5
		216	0	23.43	**23.45**	23.40	1	24.5
	16QAM	1	1	23.42	23.56	23.55	1	24.5
	64QAM	1	1	21.38	21.45	21.40	3	22.5
	256QAM	1	1	19.27	19.35	19.24	5	20.5
BW [MHz]	DFT-s-OFDM	Channel		373500	376000	378500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1867.5	1880	1892.5		
35	QPSK	1	1	24.31	24.28	24.33	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		373000	376000	379000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1865	1880	1895		
30	QPSK	1	1	24.52	24.49	24.50	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		372500	376000	379500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1862.5	1880	1897.5		
25	QPSK	1	1	24.50	24.51	24.47	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		372000	376000	380000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1860	1880	1900		
20	QPSK	1	1	24.48	24.49	24.46	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5		
15	QPSK	1	1	24.49	24.47	24.47	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1855	1880	1905		
10	QPSK	1	1	24.51	24.50	24.49	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5		
5	QPSK	1	1	24.52	24.46	24.45	0	25.5

n5 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			167300			
		Frequence (MHz)			836.5			
25	PI/2 BPSK	1	1		**25.22**		0	25.5
		1	67		25.16		0	25.5
		1	131		25.05		0	25.5
		64	0		24.49		0.5	25.0
		64	35		25.15		0	25.5
		64	69		24.56		0.5	25.0
		128	0		24.66		0.5	25.0
	QPSK	1	1		**25.22**		0	25.5
		1	67		25.12		0	25.5
		1	131		25.14		0	25.5
		64	0		24.18		1	24.5
		64	35		**25.07**		0	25.5
		64	69		24.15		1	24.5
		128	0		**24.24**		1	24.5
	16QAM	1	1		24.30		1	24.5
	64QAM	1	1		22.25		3	22.5
	256QAM	1	1		20.01		5	20.5
BW [MHz]	DFT-s-OFDM	Channel		166800	167300	167800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		834	836.5	839		
20	QPSK	1	1	24.98	25.10	24.98	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5		
15	QPSK	1	1	25.10	25.14	25.06	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		829	836.5	844		
10	QPSK	1	1	25.11	25.11	25.07	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5		
5	QPSK	1	1	25.08	25.15	25.02	0	25.5

n5 (SCS 15kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			167300			
		Frequence (MHz)			836.5			
25	PI/2 BPSK	1	1		25.01		0	26.0
		1	67		25.06		0	25.5
		1	131		25.07		0	25.5
		64	0		24.55		0.5	25.0
		64	35		25.03		0	25.5
		64	69		24.51		0.5	25.0
		128	0		24.56		0.5	25.0
	QPSK	1	1		**25.12**		0	25.5
		1	67		25.08		0	25.5
		1	131		25.05		0	25.5
		64	0		24.00		1	24.5
		64	35		**25.04**		0	25.5
		64	69		23.96		1	24.5
		128	0		**24.07**		1	24.5
	16QAM	1	1		24.17		1	24.5
	64QAM	1	1		21.98		3	22.5
	256QAM	1	1		19.89		5	20.5
BW [MHz]	DFT-s-OFDM	Channel		166800	167300	167800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		834	836.5	839		
20	QPSK	1	1	25.02	25.06	25.04	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5		
15	QPSK	1	1	25.01	25.04	25.02	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		829	836.5	844		
10	QPSK	1	1	24.98	25.03	25.01	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5		
5	QPSK	1	1	25.02	25.05	25.03	0	25.5

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n7 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	PI/2 BPSK	1	1	23.50	23.88	23.48	0	25.0
		1	135	23.46	23.67	23.49	0	25.0
		1	268	23.43	23.67	23.47	0	25.0
		135	0	23.30	23.38	23.25	0.5	24.5
		135	68	23.54	23.72	23.66	0	25.0
		135	135	23.13	23.28	23.00	0.5	24.5
		270	0	23.18	23.33	23.16	0.5	24.5
	QPSK	1	1	**23.63**	**23.91**	**23.54**	0	25.0
		1	135	23.55	23.71	23.51	0	25.0
		1	268	23.59	23.82	23.44	0	25.0
		135	0	22.84	22.89	22.80	1	24.0
		135	68	**23.42**	**23.50**	**23.43**	0	25.0
		135	135	22.57	22.58	22.50	1	24.0
		270	0	22.78	**22.83**	22.52	1	24.0
	16QAM	1	1	22.98	22.85	22.85	1	24.0
	64QAM	1	1	20.88	20.90	20.94	2.5	22.5
	256QAM	1	1	18.72	18.86	18.84	4.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	23.46	23.88	23.51	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	23.61	23.73	23.34	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	23.33	23.75	23.16	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	23.42	23.74	23.22	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	23.43	23.84	23.25	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	23.41	23.74	23.20	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	23.36	23.75	23.25	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	23.44	23.83	23.20	0	25.0

n7 (SCS 15kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	PI/2 BPSK	1	1	24.92	24.87	24.88	0	25.5
		1	135	24.68	24.62	24.62	0	25.5
		1	268	24.67	24.70	24.68	0	25.5
		135	0	24.44	24.35	24.41	0.5	25.0
		135	68	24.84	24.87	24.83	0	25.5
		135	135	24.19	24.06	24.04	0.5	25.0
		270	0	24.33	24.30	24.29	0.5	25.0
	QPSK	1	1	**25.09**	**25.04**	**24.98**	0	25.5
		1	135	24.60	24.42	24.28	0	25.5
		1	268	24.22	24.38	24.22	0	25.5
		135	0	23.82	23.97	23.84	1	24.5
		135	68	**24.77**	**24.60**	**24.65**	0	25.5
		135	135	23.48	23.36	23.31	1	24.5
		270	0	**23.99**	23.65	23.74	1	24.5
	16QAM	1	1	23.93	23.99	23.96	1	24.5
	64QAM	1	1	21.78	21.89	21.94	2.5	23.0
	256QAM	1	1	19.89	19.88	19.80	4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	25.07	24.96	24.91	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	24.85	24.66	24.70	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	24.92	24.91	24.83	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	25.01	24.71	24.73	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	24.98	24.78	24.80	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	25.03	24.85	24.83	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	25.05	24.81	24.81	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	25.04	24.80	24.90	0	25.5

n7 (SCS 15kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	PI/2 BPSK	1	1	24.63	25.21	25.08	0	26.0
		1	135	24.66	25.13	24.98	0	25.0
		1	268	24.59	25.01	24.86	0	25.0
		135	0	24.24	24.75	24.63	0.5	24.5
		135	68	24.78	25.24	25.08	0	25.0
		135	135	24.20	24.52	24.53	0.5	24.5
		270	0	24.29	24.53	24.58	0.5	24.5
	QPSK	1	1	**24.54**	**25.36**	**25.19**	0	25.0
		1	135	24.52	25.28	25.13	0	25.0
		1	268	24.49	25.18	25.12	0	25.0
		135	0	23.63	24.13	24.00	1	24.0
		135	68	**24.70**	**25.30**	**25.18**	0	25.0
		135	135	23.50	23.84	23.71	1	24.0
		270	0	23.72	**24.19**	24.06	1	24.0
	16QAM	1	1	24.07	24.30	24.26	1	24.0
	64QAM	1	1	21.89	22.14	22.05	2.5	22.5
	256QAM	1	1	19.95	20.16	20.03	4.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	24.51	25.27	25.09	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	24.48	25.12	25.07	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	24.53	25.25	25.08	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	24.49	25.26	25.05	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	24.51	25.25	24.09	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	24.52	25.23	24.06	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	24.48	25.24	25.01	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	24.49	25.21	25.02	0	25.0

n7 (SCS 15kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	PI/2 BPSK	1	1	24.53	24.77	24.76	0	26.5
		1	135	24.54	24.60	24.55	0	25.5
		1	268	24.52	24.65	24.52	0	25.5
		135	0	24.11	24.27	24.23	0.5	25.0
		135	68	24.56	24.81	24.79	0	25.5
		135	135	24.13	24.26	24.22	0.5	25.0
		270	0	24.02	24.26	24.21	0.5	25.0
	QPSK	1	1	**24.72**	**24.95**	**24.79**	0	25.5
		1	135	24.67	24.58	24.65	0	25.5
		1	268	24.69	24.73	24.70	0	25.5
		135	0	23.52	23.56	23.59	1	24.5
		135	68	**24.51**	**24.77**	**24.66**	0	25.5
		135	135	23.55	23.61	23.53	1	24.5
		270	0	23.56	**23.84**	23.76	1	24.5
	16QAM	1	1	23.74	23.99	23.99	1	24.5
	64QAM	1	1	21.62	21.83	21.86	2.5	23.0
	256QAM	1	1	19.57	19.54	19.53	4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	24.54	24.88	24.78	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	24.63	24.66	24.63	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	24.59	24.87	24.77	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	24.67	24.85	24.75	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	24.61	24.86	24.76	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	24.55	24.85	24.72	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	24.68	24.84	24.75	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	24.72	24.86	24.76	0	25.5

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n38 (SCS 30kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	PI/2 BPSK	1	1	23.67	23.81	23.63	0	25.0
		1	53	23.39	23.47	23.38	0	25.0
		1	104	23.31	23.42	23.28	0	25.0
		50	0	22.86	22.91	22.84	0.5	24.5
		50	28	23.57	23.62	23.67	0	25.0
		50	56	22.58	22.64	22.59	0.5	24.5
		100	0	22.58	22.68	22.56	0.5	24.5
	QPSK	1	1	**23.72**	**23.85**	**23.79**	0	25.0
		1	53	23.45	23.48	23.42	0	25.0
		1	104	23.32	23.50	23.39	0	25.0
		50	0	22.83	22.91	22.79	1	24.0
		50	28	**23.64**	**23.66**	**23.47**	0	25.0
		50	56	22.32	22.35	22.38	1	24.0
		100	0	22.46	**22.72**	22.55	1	24.0
	16QAM	1	1	22.71	22.87	22.89	1	24.0
	64QAM	1	1	20.92	20.92	20.81	2.5	22.5
	256QAM	1	1	18.53	18.69	18.58	4.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	23.49	23.55	23.54	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	23.62	23.70	23.54	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	23.35	23.41	23.31	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	23.57	23.78	23.65	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	23.62	23.83	23.76	0	25.0

n38 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	PI/2 BPSK	1	1	24.95	24.98	24.95	0	25.5
		1	53	24.80	24.71	24.77	0	25.5
		1	104	24.66	24.58	24.68	0	25.5
		50	0	24.43	24.40	24.42	0.5	25.0
		50	28	24.95	24.93	24.79	0	25.5
		50	56	24.29	24.26	24.21	0.5	25.0
		100	0	24.41	24.27	24.50	0.5	25.0
	QPSK	1	1	**24.95**	**25.01**	**24.93**	0	25.5
		1	53	24.76	24.57	24.67	0	25.5
		1	104	24.70	24.59	24.63	0	25.5
		50	0	23.91	23.87	23.88	1	24.5
		50	28	**24.82**	**24.89**	**24.87**	0	25.5
		50	56	23.70	23.72	23.81	1	24.5
		100	0	23.93	**23.95**	23.93	1	24.5
	16QAM	1	1	23.91	23.72	23.92	1	24.5
	64QAM	1	1	21.76	22.07	22.02	2.5	23.0
	256QAM	1	1	19.91	19.99	19.84	4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	24.98	24.94	24.92	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	24.70	24.79	24.78	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	24.95	24.95	24.91	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	24.93	24.96	24.83	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	24.96	24.91	24.93	0	25.5

n38 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	PI/2 BPSK	1	1	24.81	24.90	24.83	0	26.0
		1	53	24.58	24.70	24.72	0	25.0
		1	104	24.52	24.40	24.50	0	25.0
		50	0	24.42	24.25	24.37	0.5	24.5
		50	28	24.85	24.77	24.73	0	25.0
		50	56	24.09	24.12	24.18	0.5	24.5
		100	0	24.38	24.41	24.26	0.5	24.5
	QPSK	1	1	**24.91**	**24.97**	**24.95**	0	25.0
		1	53	24.73	24.58	24.57	0	25.0
		1	104	24.62	24.50	24.48	0	25.0
		50	0	23.82	23.79	23.86	1	24.0
		50	28	**24.85**	**24.88**	**24.80**	0	25.0
		50	56	23.80	23.45	23.70	1	24.0
		100	0	23.87	**23.91**	23.78	1	24.0
	16QAM	1	1	23.64	23.98	23.88	1	24.0
	64QAM	1	1	22.10	21.89	22.07	2.5	22.5
	256QAM	1	1	19.92	20.02	19.99	4.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	24.54	24.62	24.66	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	24.75	24.84	24.71	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	24.71	24.69	24.67	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	24.80	24.82	24.93	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	24.63	24.53	24.46	0	25.0

n38 (SCS 30kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	PI/2 BPSK	1	1	24.82	24.90	24.89	0	26.0
		1	53	24.53	24.64	24.54	0	25.5
		1	104	24.52	24.57	24.43	0	25.5
		50	0	24.33	24.42	24.29	0.5	25.0
		50	28	24.71	24.82	24.70	0	25.5
		50	56	24.16	24.21	24.08	0.5	25.0
		100	0	24.28	24.37	24.25	0.5	25.0
	QPSK	1	1	**25.15**	**24.91**	**25.05**	0	25.5
		1	53	24.59	24.55	24.52	0	25.5
		1	104	24.38	24.49	24.36	0	25.5
		50	0	23.84	23.85	23.73	1	24.5
		50	28	**24.85**	**24.79**	**24.73**	0	25.5
		50	56	23.55	23.69	23.64	1	24.5
		100	0	**23.92**	23.89	23.91	1	24.5
	16QAM	1	1	23.83	23.96	23.87	1	24.5
	64QAM	1	1	21.86	22.01	21.94	2.5	23.0
	256QAM	1	1	19.85	19.88	19.74	4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	25.13	24.92	25.03	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	24.74	24.83	24.80	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	25.11	24.91	25.01	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	25.01	24.85	24.90	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	25.14	24.90	25.05	0	25.5

FR1 NR_Default

n41 (SCS 30kHz)_Ant0

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	23.60	23.68	23.70	0	25.0
		1	137	23.36	23.55	23.48	0	25.0
		1	271	23.41	23.51	23.33	0	25.0
		135	0	23.04	23.12	23.06	0.5	24.5
		135	69	23.39	23.59	23.47	0	25.0
		135	138	22.87	22.90	22.88	0.5	24.5
		270	0	22.97	23.03	22.99	0.5	24.5
	QPSK	1	1	**23.92**	**23.78**	**23.59**	0	25.0
		1	137	23.64	23.54	23.32	0	25.0
		1	271	23.29	23.36	23.24	0	25.0
		135	0	22.45	22.60	22.52	1	24.0
		135	69	**23.61**	**23.56**	**23.53**	0	25.0
		135	138	22.66	22.46	22.36	1	24.0
		270	0	**22.53**	22.50	22.50	1	24.0
	16QAM	1	1	22.70	22.53	22.40	1	24.0
	64QAM	1	1	20.88	20.95	20.84	2.5	22.5
	256QAM	1	1	18.69	18.78	18.65	4.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	23.54	23.58	23.61	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	23.87	23.68	23.57	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	23.81	23.66	23.47	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	23.63	23.50	23.19	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	23.57	23.55	23.51	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	23.47	23.61	23.65	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	23.33	23.42	23.38	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	23.38	23.36	23.20	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	23.36	23.54	23.44	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	23.29	23.55	23.33	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	23.80	23.75	23.53	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	23.52	23.55	23.50	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	23.60	23.43	23.29	0	25.0

n41 (SCS 30kHz)_Ant2

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	25.02	24.74	24.62	0	25.5
		1	137	24.60	24.62	24.67	0	25.5
		1	271	24.58	24.73	24.41	0	25.5
		135	0	24.38	24.17	24.18	0.5	25.0
		135	69	24.68	24.65	24.63	0	25.5
		135	138	24.10	24.17	23.94	0.5	25.0
		270	0	24.28	24.06	24.02	0.5	25.0
	QPSK	1	1	**25.05**	**24.75**	**24.71**	0	25.5
		1	137	24.66	24.63	24.62	0	25.5
		1	271	24.75	24.72	24.44	0	25.5
		135	0	23.87	23.67	23.71	1	24.5
		135	69	**24.91**	**24.71**	**24.62**	0	25.5
		135	138	23.56	23.81	23.73	1	24.5
		270	0	**23.87**	23.83	23.57	1	24.5
	16QAM	1	1	24.09	23.75	23.76	1	24.5
	64QAM	1	1	22.18	21.82	21.85	2.5	23.0
	256QAM	1	1	20.15	19.78	19.67	4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	24.87	24.89	24.90	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	24.84	24.67	24.65	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	24.88	24.68	24.71	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	24.96	24.85	24.61	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	24.95	24.86	24.72	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	24.90	24.61	24.59	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	24.80	24.67	24.69	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	24.61	24.58	24.40	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	24.83	24.73	24.78	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	24.94	24.68	24.58	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	24.86	24.69	24.74	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	24.86	24.62	24.51	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	24.88	24.80	24.76	0	25.5

n41 (SCS 30kHz)_Ant3

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	25.28	25.20	25.03	0	26.0
		1	137	24.94	24.97	24.71	0	25.0
		1	271	24.83	24.71	24.63	0	25.0
		135	0	24.22	24.06	24.33	0.5	24.5
		135	69	25.18	25.10	24.65	0	25.0
		135	138	23.88	23.85	23.87	0.5	24.5
		270	0	24.32	24.03	24.03	0.5	24.5
	QPSK	1	1	**25.30**	**25.35**	**25.05**	0	25.0
		1	137	24.98	25.03	24.53	0	25.0
		1	271	24.92	24.90	24.72	0	25.0
		135	0	24.32	24.20	23.88	1	24.0
		135	69	**25.13**	**25.16**	**24.66**	0	25.0
		135	138	24.06	23.98	23.44	1	24.0
		270	0	24.13	**24.17**	23.61	1	24.0
	16QAM	1	1	24.26	24.44	23.94	1	24.0
	64QAM	1	1	22.37	22.62	22.42	2.5	22.5
	256QAM	1	1	20.33	20.40	20.15	4.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	25.03	25.32	24.96	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	25.09	25.25	24.93	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	24.98	25.23	24.89	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	24.89	25.27	24.78	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	24.96	25.30	24.83	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	24.88	24.85	24.61	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	25.03	25.22	24.98	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	25.08	24.96	24.63	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	25.11	25.20	24.97	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	25.02	25.11	24.62	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	24.88	25.21	24.83	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	25.26	25.17	25.01	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	24.96	25.16	24.79	0	25.0

n41 (SCS 30kHz)_Ant4

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	25.17	25.07	24.88	0	26.0
		1	137	24.96	24.93	24.66	0	25.5
		1	271	24.92	24.86	24.44	0	25.5
		135	0	24.78	24.52	24.35	0.5	25.0
		135	69	25.19	25.08	24.75	0	25.5
		135	138	24.35	24.47	24.11	0.5	25.0
		270	0	24.41	24.57	24.24	0.5	25.0
	QPSK	1	1	**25.23**	**25.01**	**24.86**	0	25.5
		1	137	24.79	24.81	24.77	0	25.5
		1	271	24.91	24.87	24.41	0	25.5
		135	0	24.13	23.96	23.89	1	24.5
		135	69	**25.12**	**24.96**	**24.83**	0	25.5
		135	138	23.82	23.83	23.62	1	24.5
		270	0	**24.06**	23.97	23.83	1	24.5
	16QAM	1	1	24.14	24.06	23.89	1	24.5
	64QAM	1	1	22.54	22.19	22.17	2.5	23.0
	256QAM	1	1	20.28	20.12	20.01	4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	25.12	24.96	25.01	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	25.21	24.96	25.03	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	25.13	24.96	24.87	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	25.03	24.86	24.76	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	25.15	24.95	24.83	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	25.07	24.95	24.84	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	25.06	24.75	24.84	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	25.17	24.93	24.68	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	25.09	24.82	24.79	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	25.15	25.03	24.74	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	25.19	24.92	24.97	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	25.08	24.82	24.72	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	25.18	25.01	24.69	0	25.5

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n48 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.37	21.13	21.27	0	23.0
		1	53	21.25	21.22	21.30	0	23.0
		1	104	21.04	21.02	21.03	0	23.0
		50	0	20.49	20.35	20.32	1	22.0
		50	28	21.27	21.34	21.40	0	23.0
		50	56	20.31	20.25	20.23	1	22.0
		100	0	20.39	20.32	20.22	1	22.0
	QPSK	1	1	**21.41**	**21.24**	**21.36**	0	23.0
		1	53	21.30	21.15	21.32	0	23.0
		1	104	21.08	21.10	21.04	0	23.0
		50	0	20.43	20.37	20.29	1	22.0
		50	28	**21.39**	**21.35**	**21.27**	0	23.0
		50	56	20.27	20.35	20.29	1	22.0
		100	0	**20.38**	20.31	20.33	1	22.0
	16QAM	1	1	20.27	20.30	20.30	1	22.0
	64QAM	1	1	18.33	18.35	18.33	3	20.0
	256QAM	1	1	16.85	16.80	16.74	4.5	18.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	21.28	21.15	21.27	0	23.0
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	21.29	21.07	21.21	0	23.0
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	21.35	21.21	21.33	0	23.0
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	21.31	21.36	21.18	0	23.0

n48 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.79	22.41	22.62	0	24.0
		1	53	22.66	22.53	22.57	0	24.0
		1	104	22.54	22.34	22.51	0	24.0
		50	0	21.83	21.76	21.79	0.5	23.5
		50	28	22.76	22.71	22.75	0	24.0
		50	56	21.78	21.58	21.62	0.5	23.5
		100	0	21.82	21.63	21.68	0.5	23.5
	QPSK	1	1	**22.81**	**22.55**	**22.67**	0	24.0
		1	53	22.67	22.49	22.66	0	24.0
		1	104	22.53	22.33	22.52	0	24.0
		50	0	21.85	21.77	21.81	1	23.0
		50	28	**22.77**	**22.72**	**22.75**	0	24.0
		50	56	21.80	21.61	21.63	1	23.0
		100	0	**21.86**	21.65	21.73	1	23.0
	16QAM	1	1	21.65	21.57	21.59	1	23.0
	64QAM	1	1	19.72	19.61	19.65	2.5	21.5
	256QAM	1	1	18.27	18.16	18.21	4.5	19.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	22.65	22.51	22.54	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	22.68	22.63	22.61	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	22.78	22.52	22.59	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	22.64	22.53	22.62	0	24.0

n48 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.00	21.63	21.74	0	23.5
		1	53	21.76	21.58	21.62	0	23.0
		1	104	21.62	21.54	21.59	0	23.0
		50	0	21.06	21.15	21.03	1	22.0
		50	28	21.91	21.82	21.75	0	23.0
		50	56	21.10	21.02	21.09	1	22.0
		100	0	21.01	21.11	21.02	1	22.0
	QPSK	1	1	**22.01**	**21.70**	**21.77**	0	23.0
		1	53	21.81	21.63	21.65	0	23.0
		1	104	21.66	21.63	21.67	0	23.0
		50	0	21.11	20.85	20.77	1	22.0
		50	28	**21.92**	**21.77**	**21.86**	0	23.0
		50	56	20.96	20.78	20.65	1	22.0
		100	0	**20.98**	20.87	20.73	1	22.0
	16QAM	1	1	21.07	20.87	20.68	1	22.0
	64QAM	1	1	19.28	19.09	19.09	3	20.0
	256QAM	1	1	17.25	17.15	17.12	4.5	18.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	21.86	21.75	21.76	0	23.0
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	21.88	21.66	21.74	0	23.0
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	21.95	21.70	21.75	0	23.0
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	21.87	21.75	21.81	0	23.0

n48 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.29	22.38	22.44	0	23.0
		1	53	22.28	22.44	22.30	0	24.0
		1	104	22.03	22.26	22.25	0	24.0
		50	0	21.48	21.60	21.43	0.5	23.5
		50	28	22.39	22.23	22.41	0	24.0
		50	56	21.43	21.43	21.31	0.5	23.5
		100	0	21.48	21.45	21.40	0.5	23.5
	QPSK	1	1	**22.43**	**22.49**	**22.38**	0	24.0
		1	53	22.32	22.36	22.30	0	24.0
		1	104	22.08	22.23	22.27	0	24.0
		50	0	21.41	21.60	21.47	1	23.0
		50	28	**22.37**	**22.45**	**22.41**	0	24.0
		50	56	21.46	21.46	21.33	1	23.0
		100	0	21.48	**21.54**	21.43	1	23.0
	16QAM	1	1	21.40	21.43	21.49	1	23.0
	64QAM	1	1	19.60	19.67	19.45	2.5	21.5
	256QAM	1	1	17.73	17.78	17.67	4.5	19.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	22.21	22.34	22.27	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	22.26	22.42	22.36	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	22.22	22.45	22.31	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	22.32	22.43	22.28	0	24.0

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n66 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
				Channel	346500	349000	351500	
				Frequence (MHz)	1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	23.11	23.13	23.19	0	24.0
		1	121	22.93	22.98	23.08	0	24.0
		1	240	23.01	22.96	23.06	0	24.0
		120	0	22.45	22.47	22.57	0.5	23.5
		120	61	22.94	23.02	23.09	0	24.0
		120	122	22.28	22.23	22.33	0.5	23.5
		240	0	22.62	22.65	22.68	0.5	23.5
	QPSK	1	1	**23.15**	**23.20**	**23.25**	0	24.0
		1	121	23.00	23.02	23.10	0	24.0
		1	240	23.02	23.01	23.15	0	24.0
		120	0	22.16	22.11	22.20	1	23.0
		120	61	**23.14**	**23.07**	**23.17**	0	24.0
		120	122	21.80	21.76	21.86	1	23.0
		240	0	22.24	22.18	**22.32**	1	23.0
	16QAM	1	1	22.33	22.35	22.38	1	23.0
	64QAM	1	1	20.17	20.15	20.23	2.5	21.5
	256QAM	1	1	18.68	18.72	18.77	4.5	19.5
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	23.13	22.99	23.12	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	23.08	23.10	23.11	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	22.89	22.97	23.13	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	23.06	23.01	23.15	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	23.11	23.09	23.19	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	23.16	23.09	23.11	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	22.96	23.02	23.19	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	22.83	22.86	22.99	0	24.0

n66 (SCS 15kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
				Channel	346500	349000	351500	
				Frequence (MHz)	1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.02	24.17	24.05	0	25.5
		1	121	24.04	24.16	24.10	0	25.5
		1	240	24.02	24.11	23.98	0	25.5
		120	0	23.61	23.72	23.59	0.5	25.0
		120	61	24.04	24.15	24.13	0	25.5
		120	122	23.52	23.61	23.50	0.5	25.0
		240	0	23.67	23.75	23.72	0.5	25.0
	QPSK	1	1	**24.28**	**24.25**	**24.21**	0	25.5
		1	121	24.17	24.16	24.02	0	25.5
		1	240	24.03	24.15	24.03	0	25.5
		120	0	23.18	23.16	23.09	1	24.5
		120	61	**24.23**	**24.22**	**24.12**	0	25.5
		120	122	23.12	23.10	22.97	1	24.5
		240	0	**23.49**	23.47	23.34	1	24.5
	16QAM	1	1	23.28	23.36	23.27	1	24.5
	64QAM	1	1	21.20	21.22	21.10	2.5	23.0
	256QAM	1	1	19.76	19.85	19.77	4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	24.25	24.19	24.16	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	24.22	24.16	24.21	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		21	349000	20.72	MPR (dB)	Max. Tune-up
		Frequence (MHz)		20.75	1745	20.71		
30	QPSK	1	1	24.20	24.03	24.01	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		21	349000	20.72	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	24.16	24.09	24.06	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	24.13	23.99	24.03	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	24.19	24.13	24.16	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	24.09	24.13	24.18	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	24.23	24.19	24.25	0	25.5

n66 (SCS 15kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
				Channel	346500	349000	351500	
				Frequence (MHz)	1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.27	24.21	24.21	0	25.5
		1	121	24.13	24.01	23.98	0	24.0
		1	240	24.22	24.15	24.13	0	24.0
		120	0	23.81	23.73	23.67	0.5	23.5
		120	61	24.18	24.14	24.15	0	24.0
		120	122	23.43	23.39	23.34	0.5	23.5
		240	0	23.71	23.61	23.60	0.5	23.5
	QPSK	1	1	**24.34**	**24.38**	**24.32**	0	24.0
		1	121	24.23	24.17	24.21	0	24.0
		1	240	24.31	24.34	24.22	0	24.0
		120	0	23.20	23.13	23.10	1	23.0
		120	61	**24.26**	**24.29**	**24.25**	0	24.0
		120	122	23.03	22.86	22.98	1	23.0
		240	0	23.35	**23.39**	23.24	1	23.0
	16QAM	1	1	23.44	23.37	23.30	1	23.0
	64QAM	1	1	21.30	21.17	21.19	2.5	21.5
	256QAM	1	1	19.92	19.77	19.80	4.5	19.5
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	24.26	24.31	24.28	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	24.29	24.37	24.21	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	24.21	24.32	24.22	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	24.26	24.33	24.27	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	24.28	24.29	24.18	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	24.29	24.28	24.16	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	24.21	24.30	24.29	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	24.19	24.31	24.30	0	24.0

n66 (SCS 15kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
				Channel	346500	349000	351500	
				Frequence (MHz)	1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	23.56	23.68	23.70	0	25.5
		1	121	23.58	23.68	23.70	0	25.5
		1	240	23.56	23.53	23.68	0	25.5
		120	0	23.13	23.09	23.20	0.5	25.0
		120	61	23.65	23.64	23.68	0	25.5
		120	122	23.07	23.11	23.18	0.5	25.0
		240	0	23.05	23.06	23.14	0.5	25.0
	QPSK	1	1	**23.71**	**23.83**	**23.72**	0	25.5
		1	121	23.61	23.57	23.52	0	25.5
		1	240	23.56	23.72	23.69	0	25.5
		120	0	22.59	22.66	22.68	1	24.5
		120	61	**23.64**	**23.65**	**23.62**	0	25.5
		120	122	22.57	22.65	22.55	1	24.5
		240	0	22.63	**22.76**	22.74	1	24.5
	16QAM	1	1	22.84	22.82	22.88	1	24.5
	64QAM	1	1	21.03	21.11	21.26	2.5	23.0
	256QAM	1	1	19.17	19.27	19.32	4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	23.68	23.75	23.68	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	23.61	23.76	23.58	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	23.69	23.80	23.65	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	23.68	23.81	23.56	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	23.75	23.79	23.55	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	23.70	23.77	23.69	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	23.65	23.70	23.62	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	23.72	23.81	23.72	0	25.5

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Part27Q_n77 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		23.56		0	25.0
		1	137		23.44		0	25.0
		1	271		23.52		0	25.0
		135	0		23.46		0	25.0
		135	69		23.53		0	25.0
		135	138		23.55		0	25.0
		270	0		23.50		0	25.0
	QPSK	1	1		**23.59**		0	25.0
		1	137		23.38		0	25.0
		1	271		23.56		0	25.0
		135	0		23.44		0	25.0
		135	69		**23.55**		0	25.0
		135	138		23.52		0	25.0
		270	0		**23.46**		0	25.0
	16QAM	1	1		23.28		0	25.0
	64QAM	1	1		23.18		0.5	24.5
	256QAM	1	1		21.54		2	23.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	23.43	23.44	23.46	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	23.41	23.47	23.38	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	23.52	23.45	23.53	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	23.41	23.38	23.51	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	23.49	23.40	23.33	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	23.32	23.43	23.34	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	23.49	23.45	23.51	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	23.53	23.47	23.51	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	23.42	23.46	23.41	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	23.38	23.40	23.35	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	23.44	23.38	23.42	0	25.0

Part27O_n77 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	23.10	23.38	23.46	0	25.0
		1	137	23.12	23.36	23.24	0	25.0
		1	271	23.18	23.56	23.35	0	25.0
		135	0	23.14	23.45	23.30	0	25.0
		135	69	23.18	23.44	23.44	0	25.0
		135	138	23.07	23.46	23.43	0	25.0
		270	0	23.07	23.33	23.44	0	25.0
	QPSK	1	1	**23.14**	**23.57**	**23.46**	0	25.0
		1	137	23.08	23.38	23.44	0	25.0
		1	271	23.10	23.35	23.42	0	25.0
		135	0	23.03	23.32	23.41	0	25.0
		135	69	**23.12**	**23.55**	**23.49**	0	25.0
		135	138	23.09	23.49	23.46	0	25.0
		270	0	23.13	**23.50**	23.42	0	25.0
	16QAM	1	1	23.29	23.22	23.26	0	25.0
	64QAM	1	1	22.85	23.07	23.02	0.5	24.5
	256QAM	1	1	21.28	21.44	21.54	2	23.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	23.17	23.53	23.34	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	23.06	23.34	23.38	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	23.11	23.41	23.19	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	23.09	23.38	23.33	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	23.21	23.11	23.16	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	23.13	23.50	23.34	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	23.10	23.38	23.37	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	23.17	23.19	23.13	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	23.23	23.12	23.15	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	23.12	23.50	23.39	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	23.15	23.12	23.22	0	25.0

Part27Q_n77 (SCS 30kHz)_Ant1(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		25.45		0	27.0
		1	137		25.29		0	25.0
		1	271		25.42		0	25.0
		135	0		24.63		0	25.0
		135	69		25.30		0	25.0
		135	138		24.61		0	25.0
		270	0		24.57		0	25.0
	QPSK	1	1		**25.49**		0	25.0
		1	137		25.32		0	25.0
		1	271		25.44		0	25.0
		135	0		24.40		0	25.0
		135	69		**25.35**		0	25.0
		135	138		24.36		0	25.0
		270	0		**24.46**		0	25.0
	16QAM	1	1		24.52		0	25.0
	64QAM	1	1		22.66		0.5	24.5
	256QAM	1	1		20.53		2	23.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	25.35	25.40	25.31	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	25.32	25.33	25.30	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	25.36	25.46	25.37	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	25.33	25.44	25.35	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	25.29	25.43	25.34	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	25.41	25.36	25.33	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	25.26	25.28	25.22	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	25.18	25.32	25.27	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	25.41	25.46	25.45	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	25.37	25.24	25.33	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	25.26	25.39	25.37	0	25.0

Part27O_n77 (SCS 30kHz)_Ant1(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	25.39	25.58	25.41	0	27.0
		1	137	25.42	25.52	25.41	0	25.0
		1	271	25.40	25.60	25.52	0	25.0
		135	0	24.89	24.51	24.79	0	25.0
		135	69	25.35	25.49	25.40	0	25.0
		135	138	24.76	24.67	24.66	0	25.0
		270	0	24.68	24.62	24.59	0	25.0
	QPSK	1	1	**25.42**	**25.61**	**25.49**	0	25.0
		1	137	25.16	25.57	25.28	0	25.0
		1	271	25.37	25.60	25.46	0	25.0
		135	0	24.45	24.54	24.43	0	25.0
		135	69	**25.23**	**25.53**	**25.32**	0	25.0
		135	138	24.37	24.62	24.46	0	25.0
		270	0	24.46	**24.52**	24.45	0	25.0
	16QAM	1	1	24.51	24.62	24.52	0	25.0
	64QAM	1	1	22.65	22.73	22.69	0.5	24.5
	256QAM	1	1	20.52	20.66	20.55	2	23.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	25.46	25.59	25.48	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	25.42	25.56	25.33	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	25.32	25.49	25.46	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	25.31	25.52	25.46	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	25.36	25.58	25.39	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	25.39	25.59	25.47	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	25.45	25.57	25.36	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	25.31	25.36	25.51	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	25.23	25.48	25.37	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	25.43	25.32	25.39	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	25.29	25.50	25.40	0	25.0

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Part27Q_n77 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		25.41		0	26.0
		1	137		25.27		0	26.0
		1	271		25.28		0	26.0
		135	0		25.41		0	26.0
		135	69		25.20		0	26.0
		135	138		25.29		0	26.0
		270	0		25.42		0	26.0
	QPSK	1	1		**25.47**		0	26.0
		1	137		25.16		0	26.0
		1	271		25.24		0	26.0
		135	0		25.27		0	26.0
		135	69		**25.29**		0	26.0
		135	138		25.21		0	26.0
		270	0		**25.23**		0	26.0
	16QAM	1	1		25.32		0	26.0
	64QAM	1	1		25.10		0.5	25.5
	256QAM	1	1		23.57		2	24.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	25.26	25.23	25.23	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	25.23	25.25	25.19	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	25.32	25.14	25.20	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	25.31	25.23	25.26	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	25.24	25.18	25.27	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	25.29	25.36	25.23	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	25.23	25.20	25.17	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	25.15	25.40	25.17	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	25.18	25.14	25.20	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	25.20	25.27	25.18	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	25.26	25.31	25.37	0	26.0

Part27O_n77 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	25.03	25.28	25.25	0	26.0
		1	137	24.86	25.12	25.22	0	26.0
		1	271	24.87	25.12	25.22	0	26.0
		135	0	24.90	25.31	25.34	0	26.0
		135	69	24.81	25.04	25.13	0	26.0
		135	138	24.81	25.10	25.17	0	26.0
		270	0	24.90	25.13	25.32	0	26.0
	QPSK	1	1	**24.99**	**25.30**	**25.37**	0	26.0
		1	137	24.93	25.02	25.04	0	26.0
		1	271	24.91	24.94	25.19	0	26.0
		135	0	25.00	25.15	25.25	0	26.0
		135	69	**25.06**	**25.21**	**25.29**	0	26.0
		135	138	24.96	25.18	25.18	0	26.0
		270	0	24.96	25.07	**25.16**	0	26.0
	16QAM	1	1	25.00	25.10	25.24	0	26.0
	64QAM	1	1	24.82	24.87	25.08	0.5	25.5
	256QAM	1	1	23.16	23.38	23.39	2	24.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	24.76	25.17	25.32	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	24.86	24.98	25.24	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	24.98	25.07	25.21	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	25.05	25.15	25.20	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	24.91	25.02	25.22	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	24.73	24.78	25.07	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	24.80	25.06	25.08	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	24.85	25.18	25.36	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	24.94	25.14	25.27	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	24.99	25.08	25.17	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	24.92	25.14	25.23	0	26.0

Part27Q_n77 (SCS 30kHz)_Ant2(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		27.15		0	28.0
		1	137		26.83		0	26.0
		1	271		26.80		0	26.0
		135	0		26.10		0	26.0
		135	69		26.79		0	26.0
		135	138		25.96		0	26.0
		270	0		26.05		0	26.0
	QPSK	1	1		**27.17**		0	26.0
		1	137		26.90		0	26.0
		1	271		26.99		0	26.0
		135	0		26.03		0	26.0
		135	69		**26.84**		0	26.0
		135	138		25.97		0	26.0
		270	0		**26.06**		0	26.0
	16QAM	1	1		26.22		0	26.0
	64QAM	1	1		24.24		0.5	25.5
	256QAM	1	1		22.20		2	24.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	26.93	27.02	26.91	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	26.94	26.98	26.92	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	26.98	27.08	27.01	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	27.01	27.10	27.03	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	27.02	27.13	27.05	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	26.95	26.97	26.98	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	26.98	27.09	27.06	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	26.74	26.81	26.78	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	26.91	27.05	27.01	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	26.75	26.93	26.87	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	26.89	26.91	26.90	0	26.0

Part27O_n77 (SCS 30kHz)_Ant2(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	27.06	27.02	27.12	0	28.0
		1	137	27.04	27.01	27.09	0	26.0
		1	271	27.03	26.98	26.99	0	26.0
		135	0	26.53	26.50	26.60	0	26.0
		135	69	26.92	26.87	26.93	0	26.0
		135	138	26.47	26.42	26.44	0	26.0
		270	0	26.53	26.44	26.51	0	26.0
	QPSK	1	1	**27.15**	**27.34**	**27.31**	0	26.0
		1	137	26.97	27.18	27.07	0	26.0
		1	271	27.07	27.23	27.21	0	26.0
		135	0	26.09	26.20	26.28	0	26.0
		135	69	**26.89**	**27.26**	**27.08**	0	26.0
		135	138	26.06	26.40	26.16	0	26.0
		270	0	26.05	**26.20**	26.17	0	26.0
	16QAM	1	1	26.25	26.21	26.27	0	26.0
	64QAM	1	1	24.25	24.20	24.26	0.5	25.5
	256QAM	1	1	22.09	22.05	22.11	2	24.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	27.10	27.30	27.31	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	27.09	27.26	27.32	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	26.99	27.28	27.29	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	27.01	27.31	27.22	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	26.96	27.25	27.26	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	26.97	27.19	27.33	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	27.06	27.21	27.28	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	26.56	26.74	27.10	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	27.02	27.23	27.29	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	27.08	26.89	26.96	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	27.05	27.18	27.25	0	26.0

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Part27Q_n77 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		25.14		0	26.0
		1	137		25.10		0	26.0
		1	271		25.08		0	26.0
		135	0		25.10		0	26.0
		135	69		25.09		0	26.0
		135	138		25.03		0	26.0
		270	0		25.20		0	26.0
	QPSK	1	1		**25.23**		0	26.0
		1	137		25.02		0	26.0
		1	271		24.91		0	26.0
		135	0		25.15		0	26.0
		135	69		**25.18**		0	26.0
		135	138		25.14		0	26.0
		270	0		**25.10**		0	26.0
	16QAM	1	1		25.03		0	26.0
	64QAM	1	1		24.67		0.5	25.5
	256QAM	1	1		23.09		2	24.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	25.18	25.17	25.07	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	25.17	25.05	25.10	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	25.21	25.17	25.18	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	25.15	25.05	25.08	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	25.07	25.03	25.12	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	25.15	25.10	25.05	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	25.07	25.22	25.18	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	25.22	25.04	25.06	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	25.19	25.20	25.17	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	25.12	25.21	25.14	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	25.01	25.12	25.07	0	26.0

Part27O_n77 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	25.04	24.92	24.57	0	26.0
		1	137	25.04	24.82	24.61	0	26.0
		1	271	24.97	24.71	24.59	0	26.0
		135	0	24.91	24.80	24.58	0	26.0
		135	69	24.93	24.83	24.45	0	26.0
		135	138	24.91	24.76	24.53	0	26.0
		270	0	25.00	24.83	24.57	0	26.0
	QPSK	1	1	**25.14**	**24.85**	**24.60**	0	26.0
		1	137	24.85	24.75	24.54	0	26.0
		1	271	24.73	24.81	24.56	0	26.0
		135	0	25.10	24.79	24.56	0	26.0
		135	69	**25.13**	**24.84**	**24.63**	0	26.0
		135	138	24.95	24.80	24.51	0	26.0
		270	0	**24.97**	24.89	24.55	0	26.0
	16QAM	1	1	24.84	24.78	24.57	0	26.0
	64QAM	1	1	24.49	24.57	24.32	0.5	25.5
	256QAM	1	1	23.01	23.04	22.81	2	24.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	25.03	24.69	24.51	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	24.90	24.82	24.54	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	25.09	24.82	24.57	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	25.01	24.75	24.53	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	24.48	24.50	24.17	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	25.02	24.74	24.47	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	24.75	24.62	24.48	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	25.05	24.77	24.53	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	24.90	24.81	24.59	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	24.84	24.78	24.50	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	24.95	24.81	24.65	0	26.0

Part27Q_n77 (SCS 30kHz)_Ant3(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		27.26		0	28.0
		1	137		26.95		0	26.0
		1	271		26.87		0	26.0
		135	0		26.57		0	26.0
		135	69		27.03		0	26.0
		135	138		26.34		0	26.0
		270	0		26.11		0	26.0
	QPSK	1	1		**27.28**		0	26.0
		1	137		26.97		0	26.0
		1	271		26.92		0	26.0
		135	0		26.16		0	26.0
		135	69		**27.07**		0	26.0
		135	138		25.90		0	26.0
		270	0		**26.15**		0	26.0
	16QAM	1	1		26.25		0	26.0
	64QAM	1	1		24.48		0.5	25.5
	256QAM	1	1		22.33		2	24.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	27.08	27.10	27.05	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	27.16	27.21	27.03	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	27.13	27.12	27.06	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	27.15	27.27	27.13	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	27.09	27.11	27.10	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	27.16	27.19	27.17	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	27.06	27.09	27.07	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	26.93	27.11	26.91	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	27.23	27.26	27.05	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	26.87	26.94	26.99	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	27.05	27.13	27.09	0	26.0

Part27O_n77 (SCS 30kHz)_Ant3(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	26.75	27.16	26.93	0	28.0
		1	137	26.65	27.05	26.55	0	26.0
		1	271	26.69	26.66	26.54	0	26.0
		135	0	26.12	26.11	26.03	0	26.0
		135	69	26.69	26.72	26.75	0	26.0
		135	138	26.10	26.15	26.12	0	26.0
		270	0	26.09	26.11	26.05	0	26.0
	QPSK	1	1	**26.70**	**27.18**	**26.96**	0	26.0
		1	137	26.50	27.07	26.51	0	26.0
		1	271	26.67	26.85	26.59	0	26.0
		135	0	25.67	26.11	25.77	0	26.0
		135	69	**26.53**	**27.08**	**26.29**	0	26.0
		135	138	25.72	26.09	25.29	0	26.0
		270	0	25.75	**26.06**	25.42	0	26.0
	16QAM	1	1	25.82	26.10	25.93	0	26.0
	64QAM	1	1	24.06	24.29	24.12	0.5	25.5
	256QAM	1	1	21.81	22.21	22.10	2	24.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	26.71	27.13	26.99	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	26.81	27.16	26.93	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	26.83	27.09	26.87	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	26.79	27.05	26.83	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	26.76	27.15	26.81	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	26.91	27.11	26.98	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	26.78	27.02	26.91	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	26.57	26.73	26.58	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	26.93	27.17	26.79	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	26.83	27.05	26.77	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	26.81	27.06	26.85	0	26.0

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Part27Q_n77 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		23.36		0	24.5
		1	137		23.22		0	24.5
		1	271		23.35		0	24.5
		135	0		23.24		0	24.5
		135	69		23.19		0	24.5
		135	138		23.36		0	24.5
		270	0		23.35		0	24.5
	QPSK	1	1		**23.38**		0	24.5
		1	137		23.26		0	24.5
		1	271		23.30		0	24.5
		135	0		23.27		0	24.5
		135	69		**23.33**		0	24.5
		135	138		23.25		0	24.5
		270	0		**23.32**		0	24.5
	16QAM	1	1		23.23		0	24.5
	64QAM	1	1		22.94		0.5	24.0
	256QAM	1	1		21.36		2	22.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	23.12	23.04	23.01	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	22.94	23.15	23.01	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	22.95	22.98	22.96	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	23.17	23.01	23.16	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	23.03	22.99	23.11	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	23.04	22.98	23.01	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	23.18	23.01	23.02	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	23.08	22.99	23.01	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	23.16	22.95	23.04	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	23.11	23.02	23.12	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	23.12	23.01	23.18	0	24.5

Part27O_n77 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	23.32	23.20	23.16	0	24.5
		1	137	23.27	23.26	23.14	0	24.5
		1	271	23.25	23.23	23.18	0	24.5
		135	0	23.28	23.29	23.24	0	24.5
		135	69	23.30	23.27	23.28	0	24.5
		135	138	23.31	23.25	23.12	0	24.5
		270	0	23.29	23.19	23.29	0	24.5
	QPSK	1	1	**23.34**	**23.39**	**23.30**	0	24.5
		1	137	23.28	23.26	23.12	0	24.5
		1	271	23.30	23.26	23.02	0	24.5
		135	0	23.26	23.26	23.13	0	24.5
		135	69	**23.32**	**23.37**	**23.29**	0	24.5
		135	138	23.24	23.30	23.25	0	24.5
		270	0	23.27	**23.32**	23.29	0	24.5
	16QAM	1	1	23.21	23.36	23.07	0	24.5
	64QAM	1	1	23.03	22.96	22.88	0.5	24.0
	256QAM	1	1	21.38	21.24	21.13	2	22.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	23.25	23.23	23.18	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	23.25	23.24	23.14	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	23.23	23.26	23.28	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	23.33	23.37	23.23	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	23.25	23.34	23.11	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	23.28	23.31	23.23	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	23.20	23.33	23.16	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	23.27	23.30	23.12	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	23.18	23.31	23.22	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	23.33	23.28	23.21	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	23.27	23.20	23.09	0	24.5

Part27Q_n77 (SCS 30kHz)_Ant7(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		25.16		0	26.5
		1	137		24.74		0	24.5
		1	271		24.81		0	24.5
		135	0		24.02		0	24.5
		135	69		24.85		0	24.5
		135	138		23.93		0	24.5
		270	0		23.97		0	24.5
	QPSK	1	1		**25.19**		0	24.5
		1	137		24.85		0	24.5
		1	271		25.07		0	24.5
		135	0		24.01		0	24.5
		135	69		**24.93**		0	24.5
		135	138		24.06		0	24.5
		270	0		**24.01**		0	24.5
	16QAM	1	1		24.25		0	24.5
	64QAM	1	1		22.24		0.5	24.0
	256QAM	1	1		20.13		2	22.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	25.05	25.15	25.03	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	25.09	25.18	25.01	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	25.06	25.09	25.05	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	25.01	25.06	25.03	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	25.11	25.16	25.09	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	25.02	25.01	24.99	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	25.01	25.03	24.98	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	24.79	24.87	24.85	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	24.99	25.11	24.95	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	24.96	25.06	24.83	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	24.96	24.99	24.97	0	24.5

Part27O_n77 (SCS 30kHz)_Ant7(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	24.73	25.09	25.12	0	26.5
		1	137	24.65	25.07	24.97	0	24.5
		1	271	24.74	25.10	24.92	0	24.5
		135	0	23.79	23.97	24.03	0	24.5
		135	69	24.62	25.01	24.91	0	24.5
		135	138	23.68	24.09	23.86	0	24.5
		270	0	23.82	24.01	23.99	0	24.5
	QPSK	1	1	**24.78**	**25.14**	**25.11**	0	24.5
		1	137	24.63	25.09	24.95	0	24.5
		1	271	24.74	25.12	24.96	0	24.5
		135	0	23.80	23.98	24.05	0	24.5
		135	69	**24.64**	**25.03**	**24.92**	0	24.5
		135	138	23.79	24.18	23.93	0	24.5
		270	0	23.86	**24.03**	24.01	0	24.5
	16QAM	1	1	23.83	24.11	23.93	0	24.5
	64QAM	1	1	21.95	22.24	22.24	0.5	24.0
	256QAM	1	1	19.81	20.15	20.08	2	22.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	25.08	25.09	25.11	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	25.09	25.09	25.02	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	25.08	25.11	25.06	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	25.12	25.03	25.01	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	25.08	25.09	25.05	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	25.06	25.11	24.99	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	25.09	25.06	24.93	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	24.87	24.94	24.91	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	25.07	25.07	24.96	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	25.01	24.98	24.82	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	25.07	25.06	25.05	0	24.5

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Part27Q_n78 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		23.59		0	25.0
		1	137		23.32		0	25.0
		1	271		23.56		0	25.0
		135	0		23.63		0	25.0
		135	69		23.44		0	25.0
		135	138		23.54		0	25.0
		270	0		23.49		0	25.0
	QPSK	1	1		**23.85**		0	25.0
		1	137		23.51		0	25.0
		1	271		23.46		0	25.0
		135	0		23.60		0	25.0
		135	69		**23.71**		0	25.0
		135	138		23.59		0	25.0
		270	0		**23.52**		0	25.0
	16QAM	1	1		23.47		0	25.0
	64QAM	1	1		23.30		0.5	24.5
	256QAM	1	1		21.58		2	23.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	23.66	23.69	23.73	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	23.59	23.65	23.67	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	23.62	23.57	23.56	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	23.73	23.62	23.70	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	23.73	23.77	23.67	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	23.69	23.79	23.63	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	23.56	23.61	23.70	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	23.74	23.65	23.69	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	23.61	23.63	23.73	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	23.70	23.68	23.74	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	23.57	23.63	23.59	0	25.0

Part27Q_n78 (SCS 30kHz)_Ant1(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		25.37		0	27.0
		1	137		25.24		0	27.0
		1	271		25.21		0	27.0
		135	0		24.55		0.5	26.5
		135	69		25.08		0	27.0
		135	138		24.52		0.5	26.5
		270	0		24.61		0.5	26.5
	QPSK	1	1		**25.39**		0	27.0
		1	137		25.25		0	27.0
		1	271		25.26		0	27.0
		135	0		24.30		1	26.0
		135	69		**25.31**		0	27.0
		135	138		24.29		1	26.0
		270	0		**24.36**		1	26.0
	16QAM	1	1		24.45		1	26.0
	64QAM	1	1		22.58		2.5	24.5
	256QAM	1	1		20.64		4.5	22.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	25.26	25.30	25.21	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	25.21	25.32	25.23	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	25.23	25.36	25.25	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	25.24	25.29	25.27	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	25.28	25.26	25.23	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	25.19	25.31	25.29	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	25.16	25.32	25.19	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	25.09	25.12	25.15	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	25.18	25.36	25.32	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	25.23	25.27	25.31	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	25.31	25.26	25.36	0	27.0

Part27Q_n78 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		25.49		0	26.0
		1	137		25.45		0	25.0
		1	271		25.32		0	25.0
		135	0		25.25		0	25.0
		135	69		25.30		0	25.0
		135	138		25.35		0	25.0
		270	0		25.33		0	25.0
	QPSK	1	1		**25.52**		0	25.0
		1	137		25.40		0	25.0
		1	271		25.48		0	25.0
		135	0		25.23		0	25.0
		135	69		**25.25**		0	25.0
		135	138		25.16		0	25.0
		270	0		**25.28**		0	25.0
	16QAM	1	1		25.40		0	25.0
	64QAM	1	1		24.97		0.5	24.5
	256QAM	1	1		23.50		2	23.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	25.32	25.41	25.34	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	25.21	25.49	25.39	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	25.27	25.29	25.24	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	25.24	25.43	25.33	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	25.15	25.39	25.31	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	25.46	25.23	25.21	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	25.32	25.28	24.85	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	25.22	25.18	25.17	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	25.34	25.45	25.12	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	25.26	25.23	25.39	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	25.23	25.31	25.42	0	25.0

Part27Q_n78 (SCS 30kHz)_Ant2(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		27.12		0	28.0
		1	137		26.92		0	27.0
		1	271		26.99		0	27.0
		135	0		25.95		0.5	26.5
		135	69		26.91		0	27.0
		135	138		25.99		0.5	26.5
		270	0		25.96		0.5	26.5
	QPSK	1	1		**27.14**		0	27.0
		1	137		26.87		0	27.0
		1	271		27.03		0	27.0
		135	0		26.03		1	26.0
		135	69		**26.85**		0	27.0
		135	138		26.02		1	26.0
		270	0		**25.97**		1	26.0
	16QAM	1	1		26.09		1	26.0
	64QAM	1	1		24.23		2.5	24.5
	256QAM	1	1		22.19		4.5	22.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	27.03	27.09	27.01	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	27.01	27.06	26.98	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	27.06	27.12	26.02	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	26.98	27.01	26.99	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	27.05	27.08	27.06	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	27.09	27.13	27.11	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	26.99	27.05	27.01	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	26.73	26.95	26.85	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	26.94	26.99	26.96	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	26.96	26.82	26.79	0	27.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	26.91	26.92	26.90	0	27.0

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Part27Q_n78 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		25.47		0	26.0
		1	137		25.40		0	26.0
		1	271		25.35		0	26.0
		135	0		25.37		0	26.0
		135	69		25.13		0	26.0
		135	138		25.31		0	26.0
		270	0		25.38		0	26.0
	QPSK	1	1		**25.58**		0	26.0
		1	137		25.39		0	26.0
		1	271		25.30		0	26.0
		135	0		25.37		0	26.0
		135	69		**25.41**		0	26.0
		135	138		25.35		0	26.0
		270	0		**25.45**		0	26.0
	16QAM	1	1		25.41		0	26.0
	64QAM	1	1		25.08		0.5	25.5
	256QAM	1	1		23.42		2	24.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	25.25	25.39	25.33	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	25.06	25.42	25.13	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	25.22	25.17	25.36	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	25.18	25.37	25.32	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	25.10	25.19	25.02	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	25.08	25.26	25.19	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	25.13	25.21	25.16	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	25.12	25.41	25.19	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	25.33	25.40	25.17	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	25.27	25.26	24.73	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	25.13	25.05	25.15	0	26.0

Part27Q_n78 (SCS 30kHz)_Ant3(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		27.31		0	28.0
		1	137		26.98		0	28.0
		1	271		27.01		0	28.0
		135	0		26.15		0.5	27.5
		135	69		26.98		0	28.0
		135	138		26.01		0.5	27.5
		270	0		26.14		0.5	27.5
	QPSK	1	1		**27.32**		0	28.0
		1	137		26.93		0	28.0
		1	271		27.02		0	28.0
		135	0		26.16		1	27.0
		135	69		**27.01**		0	28.0
		135	138		25.98		1	27.0
		270	0		**26.15**		1	27.0
	16QAM	1	1		26.35		1	27.0
	64QAM	1	1		24.35		2.5	25.5
	256QAM	1	1		22.27		4.5	23.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	27.24	27.25	27.21	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	27.20	27.31	27.22	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	27.20	27.21	27.16	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	27.21	27.23	27.13	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	27.16	27.19	27.18	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	27.27	27.26	27.23	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	27.16	27.15	27.09	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	27.18	27.03	26.97	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	27.19	27.22	27.21	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	26.98	27.07	27.13	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	27.16	27.18	27.17	0	28.0

Part27Q_n78 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		23.44		0	24.5
		1	137		23.43		0	26.0
		1	271		23.26		0	26.0
		135	0		23.42		0	26.0
		135	69		23.32		0	26.0
		135	138		23.42		0	26.0
		270	0		23.31		0	26.0
	QPSK	1	1		**23.45**		0	26.0
		1	137		23.25		0	26.0
		1	271		23.39		0	26.0
		135	0		23.34		0	26.0
		135	69		**23.39**		0	26.0
		135	138		23.32		0	26.0
		270	0		**23.34**		0	26.0
	16QAM	1	1		23.42		0	26.0
	64QAM	1	1		23.20		0.5	25.5
	256QAM	1	1		21.49		2	24.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	23.16	23.24	23.06	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	23.02	23.10	23.26	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	23.22	23.10	23.07	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	23.25	23.06	23.01	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	23.15	23.19	22.75	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	23.16	23.02	23.12	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	23.14	23.13	23.21	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	23.07	23.26	23.28	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	23.35	23.14	23.02	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	23.16	23.08	23.26	0	26.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	23.19	23.15	23.22	0	26.0

Part27Q_n78 (SCS 30kHz)_Ant7(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		25.23		0	26.5
		1	137		24.97		0	28.0
		1	271		25.22		0	28.0
		135	0		24.09		0.5	27.5
		135	69		24.96		0	28.0
		135	138		24.17		0.5	27.5
		270	0		24.25		0.5	27.5
	QPSK	1	1		**25.25**		0	28.0
		1	137		25.02		0	28.0
		1	271		25.24		0	28.0
		135	0		24.18		1	27.0
		135	69		**25.05**		0	28.0
		135	138		24.22		1	27.0
		270	0		**24.24**		1	27.0
	16QAM	1	1		24.45		1	27.0
	64QAM	1	1		22.44		2.5	25.5
	256QAM	1	1		20.28		4.5	23.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	25.19	25.21	25.12	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	25.16	25.24	25.15	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	25.15	25.19	25.07	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	25.13	25.16	25.17	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	25.14	25.18	25.16	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	25.06	25.09	25.18	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	25.09	25.13	25.15	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	25.11	24.99	25.07	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	25.16	25.23	25.19	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	24.87	25.04	25.12	0	28.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	25.11	25.17	25.14	0	28.0

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n2 (SCS 15kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		374000	376000	378000		
		Frequence (MHz)		1870	1880	1890		
40	Pi/2 BPSK	1	1	16.40	16.40	16.32	0	18.0
		1	108	16.37	16.33	16.19	0	18.0
		1	214	16.33	16.42	16.27	0	18.0
		108	0	16.35	16.30	16.36	0	18.0
		108	54	16.30	16.42	16.34	0	18.0
		108	108	16.43	16.33	16.45	0	18.0
		216	0	16.37	16.39	16.32	0	18.0
	QPSK	1	1	**16.44**	**16.47**	**16.40**	0	18.0
		1	108	16.42	16.30	16.34	0	18.0
		1	214	16.36	16.40	16.37	0	18.0
		108	0	16.18	16.39	16.35	0	18.0
		108	54	**16.42**	**16.45**	**16.38**	0	18.0
		108	108	16.40	16.43	16.34	0	18.0
		216	0	16.24	**16.43**	16.31	0	18.0
	16QAM	1	1	16.41	16.33	16.42	0	18.0
	64QAM	1	1	16.22	16.43	16.19	0	18.0
	256QAM	1	1	16.40	16.41	16.33	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		373500	376000	378500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1867.5	1880	1892.5		
35	QPSK	1	1	16.44	16.34	16.45	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		373000	376000	379000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1865	1880	1895		
30	QPSK	1	1	16.36	16.32	16.28	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		372500	376000	379500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1862.5	1880	1897.5		
25	QPSK	1	1	16.30	16.36	16.26	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		372000	376000	380000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1860	1880	1900		
20	QPSK	1	1	16.27	16.32	16.31	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5		
15	QPSK	1	1	16.42	16.40	16.28	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1855	1880	1905		
10	QPSK	1	1	16.36	16.45	16.32	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5		
5	QPSK	1	1	16.31	16.32	16.34	0	18.0

n2 (SCS 15kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		374000	376000	378000		
		Frequence (MHz)		1870	1880	1890		
40	Pi/2 BPSK	1	1	16.38	16.54	16.37	0	17.5
		1	108	16.08	16.27	15.97	0	18.0
		1	214	16.54	16.55	16.22	0	18.0
		108	0	16.16	16.13	16.00	0	18.0
		108	54	16.05	16.31	15.97	0	18.0
		108	108	16.17	16.27	16.06	0	18.0
		216	0	15.93	16.17	16.00	0	18.0
	QPSK	1	1	**16.58**	**16.64**	**16.41**	0	18.0
		1	108	16.26	16.31	16.15	0	18.0
		1	214	16.11	16.36	16.08	0	18.0
		108	0	16.40	16.56	16.30	0	18.0
		108	54	**16.52**	**16.61**	**16.38**	0	18.0
		108	108	16.24	16.15	16.13	0	18.0
		216	0	15.97	**16.55**	15.90	0	18.0
	16QAM	1	1	16.39	16.55	16.21	0	18.0
	64QAM	1	1	16.11	16.27	15.95	0	18.0
	256QAM	1	1	16.08	16.30	15.99	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		373500	376000	378500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1867.5	1880	1892.5		
35	QPSK	1	1	16.50	16.51	16.42	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		373000	376000	379000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1865	1880	1895		
30	QPSK	1	1	16.51	16.54	16.30	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		372500	376000	379500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1862.5	1880	1897.5		
25	QPSK	1	1	16.56	16.60	16.33	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		372000	376000	380000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1860	1880	1900		
20	QPSK	1	1	16.51	16.43	16.32	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5		
15	QPSK	1	1	16.47	16.46	16.40	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1855	1880	1905		
10	QPSK	1	1	16.57	16.48	16.32	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5		
5	QPSK	1	1	16.46	16.58	16.27	0	18.0

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n5 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			167300			
		Frequence (MHz)			836.5			
25	PI/2 BPSK	1	1		**25.22**		0	25.5
		1	67		25.16		0	25.5
		1	131		25.05		0	25.5
		64	0		24.49		0.5	25.0
		64	35		25.15		0	25.5
		64	69		24.56		0.5	25.0
		128	0		24.66		0.5	25.0
	QPSK	1	1		**25.22**		0	25.5
		1	67		25.12		0	25.5
		1	131		25.14		0	25.5
		64	0		24.18		1	24.5
		64	35		**25.07**		0	25.5
		64	69		24.15		1	24.5
		128	0		**24.24**		1	24.5
	16QAM	1	1		24.30		1	24.5
	64QAM	1	1		22.25		2.5	23.0
	256QAM	1	1		20.01		4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		166800	167300	167800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		834	836.5	839		
20	QPSK	1	1	24.98	25.10	24.98	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5		
15	QPSK	1	1	25.10	25.14	25.06	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		829	836.5	844		
10	QPSK	1	1	25.11	25.11	25.07	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5		
5	QPSK	1	1	25.08	25.15	25.02	0	25.5

n5 (SCS 15kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			167300			
		Frequence (MHz)			836.5			
25	PI/2 BPSK	1	1		19.07		0	20.0
		1	67		19.09		0	20.0
		1	131		19.27		0	20.0
		64	0		19.09		0	20.0
		64	35		18.92		0	20.0
		64	69		18.90		0	20.0
		128	0		19.01		0	20.0
	QPSK	1	1		**19.30**		0	20.0
		1	67		19.28		0	20.0
		1	131		19.26		0	20.0
		64	0		19.02		0	20.0
		64	35		**19.08**		0	20.0
		64	69		18.91		0	20.0
		128	0		**19.01**		0	20.0
	16QAM	1	1		18.87		0	20.0
	64QAM	1	1		18.91		0	20.0
	256QAM	1	1		19.05		0	20.0
BW [MHz]	DFT-s-OFDM	Channel		166800	167300	167800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		834	836.5	839		
20	QPSK	1	1	19.04	18.86	19.04	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5		
15	QPSK	1	1	19.25	18.83	18.96	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		829	836.5	844		
10	QPSK	1	1	19.06	19.04	19.23	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5		
5	QPSK	1	1	19.12	18.97	19.05	0	20.0

n5 (SCS 15kHz)_Ant1 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			167300			
		Frequence (MHz)			836.5			
25	PI/2 BPSK	1	1		17.52		0	18.5
		1	67		17.59		0	18.5
		1	131		17.70		0	18.5
		64	0		17.55		0.5	18.5
		64	35		17.44		0	18.5
		64	69		17.43		0.5	18.5
		128	0		17.43		0.5	18.5
	QPSK	1	1		**17.80**		0	18.5
		1	67		17.68		0	18.5
		1	131		17.72		0	18.5
		64	0		17.51		1	18.5
		64	35		**17.54**		0	18.5
		64	69		17.46		1	18.5
		128	0		**17.47**		1	18.5
	16QAM	1	1		17.32		1	18.5
	64QAM	1	1		17.40		2.5	18.5
	256QAM	1	1		17.50		4.5	18.5
BW [MHz]	DFT-s-OFDM	Channel		166800	167300	167800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		834	836.5	839		
20	QPSK	1	1	17.53	17.36	17.47	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5		
15	QPSK	1	1	17.55	17.32	17.54	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		829	836.5	844		
10	QPSK	1	1	17.50	17.41	17.49	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5		
5	QPSK	1	1	17.38	17.24	17.39	0	25.5

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n7 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	Pi/2 BPSK	1	1	23.50	23.88	23.48	0	25.0
		1	135	23.46	23.67	23.49	0	25.0
		1	268	23.43	23.67	23.47	0	25.0
		135	0	23.30	23.38	23.25	0.5	24.5
		135	68	23.54	23.72	23.66	0	25.0
		135	135	23.13	23.28	23.00	0.5	24.5
		270	0	23.18	23.33	23.16	0.5	24.5
	QPSK	1	1	**23.63**	**23.91**	**23.54**	0	25.0
		1	135	23.55	23.71	23.51	0	25.0
		1	268	23.59	23.82	23.44	0	25.0
		135	0	22.84	22.89	22.80	1	24.0
		135	68	**23.42**	**23.50**	**23.43**	0	25.0
		135	135	22.57	22.58	22.50	1	24.0
		270	0	22.78	**22.83**	22.52	1	24.0
	16QAM	1	1	22.98	22.85	22.85	1	24.0
	64QAM	1	1	20.88	20.90	20.94	2.5	22.5
	256QAM	1	1	18.72	18.86	18.84	4.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	23.46	23.88	23.51	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	23.61	23.73	23.34	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	23.33	23.75	23.16	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	23.42	23.74	23.22	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	23.43	23.84	23.25	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	23.41	23.74	23.20	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	23.36	23.75	23.25	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		

n7 (SCS 15kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	Pi/2 BPSK	1	1	16.13	16.11	16.00	0	16.5
		1	135	16.11	15.90	15.95	0	16.5
		1	268	15.99	15.64	16.12	0	16.5
		135	0	15.75	15.76	16.00	0	16.5
		135	68	15.79	16.11	15.85	0	16.5
		135	135	16.04	15.73	15.75	0	16.5
		270	0	16.07	15.84	15.95	0	16.5
	QPSK	1	1	**16.18**	**16.11**	**16.15**	0	16.5
		1	135	16.04	16.07	16.13	0	16.5
		1	268	16.00	15.82	16.09	0	16.5
		135	0	16.03	15.96	15.97	0	16.5
		135	68	**16.11**	**16.03**	**15.99**	0	16.5
		135	135	15.92	15.76	15.83	0	16.5
		270	0	**15.89**	15.74	15.86	0	16.5
	16QAM	1	1	15.95	15.84	15.83	0	16.5
	64QAM	1	1	16.13	15.77	15.86	0	16.5
	256QAM	1	1	15.92	15.70	16.04	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	15.96	15.80	15.91	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	15.95	15.57	16.16	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	15.77	15.98	15.83	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	15.90	15.97	16.07	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	15.73	15.84	15.92	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	15.95	15.86	15.82	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	15.83	16.07	16.17	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		

n7 (SCS 15kHz)_Ant3 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	Pi/2 BPSK	1	1	18.40	18.33	18.34	0	19.0
		1	135	18.34	18.24	18.21	0	25.0
		1	268	18.22	17.92	18.38	0	25.0
		135	0	18.12	18.05	18.26	0.5	24.5
		135	68	18.15	18.13	18.29	0	25.0
		135	135	18.22	17.98	18.09	0.5	24.5
		270	0	18.40	18.08	18.40	0.5	24.5
	QPSK	1	1	**18.42**	**18.47**	**18.46**	0	25.0
		1	135	18.39	18.42	18.21	0	25.0
		1	268	18.37	18.20	18.30	0	25.0
		135	0	18.24	18.26	18.29	1	24.0
		135	68	**18.34**	**18.39**	**18.36**	0	25.0
		135	135	18.31	18.09	18.13	1	24.0
		270	0	18.17	**18.38**	18.35	1	24.0
	16QAM	1	1	18.32	18.16	18.00	1	24.0
	64QAM	1	1	18.25	18.16	18.23	2.5	22.5
	256QAM	1	1	18.29	18.09	18.46	4.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	18.29	18.22	18.13	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	18.02	18.12	18.22	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	18.26	18.00	18.39	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	18.30	18.39	18.06	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	18.16	18.23	18.22	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	18.21	18.33	18.32	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	18.16	18.31	18.21	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		

n7 (SCS 15kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	Pi/2 BPSK	1	1	14.87	15.06	14.93	0	16.5
		1	135	14.93	14.95	14.81	0	16.5
		1	268	14.86	14.60	15.07	0	16.5
		135	0	14.74	14.70	14.83	0	16.5
		135	68	14.85	15.08	14.93	0	16.5
		135	135	14.96	14.70	14.69	0	16.5
		270	0	15.13	14.79	15.11	0	16.5
	QPSK	1	1	**15.07**	**15.15**	**15.08**	0	16.5
		1	135	14.98	15.08	14.97	0	16.5
		1	268	14.92	14.86	14.95	0	16.5
		135	0	15.01	14.90	14.95	0	16.5
		135	68	**15.03**	**15.06**	**14.99**	0	16.5
		135	135	14.91	14.66	14.79	0	16.5
		270	0	14.77	**14.86**	14.84	0	16.5
	16QAM	1	1	14.91	14.76	14.69	0	16.5
	64QAM	1	1	14.86	14.76	14.89	0	16.5
	256QAM	1	1	14.95	14.60	15.00	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	14.87	14.90	14.66	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	14.71	14.50	14.99	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	14.83	15.03	14.91	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	14.99	14.74	15.04	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	14.94	14.94	14.97	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	14.80	14.71	15.00	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	14.89	14.85	14.92	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		

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n7 (SCS 15kHz)_Ant2 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	Pi/2 BPSK	1	1	13.18	13.09	13.01	0	13.5
		1	135	13.13	12.86	12.95	0	13.5
		1	268	13.01	12.66	13.09	0	13.5
		135	0	12.70	12.78	13.02	0	13.5
		135	68	12.75	13.14	12.88	0	13.5
		135	135	13.06	12.75	12.74	0	13.5
		270	0	13.13	12.92	12.89	0	13.5
	QPSK	1	1	**13.19**	**13.15**	**13.13**	0	13.5
		1	135	13.05	13.05	13.11	0	13.5
		1	268	13.00	12.81	13.08	0	13.5
		135	0	13.01	12.90	12.95	0	13.5
		135	68	**13.10**	**13.07**	**13.02**	0	13.5
		135	135	12.92	12.84	12.89	0	13.5
		270	0	**12.96**	12.71	12.83	0	13.5
	16QAM	1	1	12.92	12.83	12.85	0	13.5
	64QAM	1	1	13.13	12.78	12.81	0	13.5
	256QAM	1	1	13.00	12.65	13.08	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	13.10	12.74	12.81	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	13.03	12.82	12.88	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	12.97	13.02	13.07	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	12.93	12.71	12.93	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	12.87	12.89	12.84	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	12.99	13.04	12.89	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	12.87	12.74	12.79	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		

n7 (SCS 15kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	Pi/2 BPSK	1	1	19.85	19.79	19.78	0	20.5
		1	135	19.85	19.79	19.76	0	20.5
		1	268	19.78	19.49	19.85	0	20.5
		135	0	19.62	19.61	19.73	0	20.5
		135	68	19.67	19.69	19.79	0	20.5
		135	135	19.79	19.55	19.58	0	20.5
		270	0	19.90	19.64	19.93	0	20.5
	QPSK	1	1	**19.87**	**19.93**	**19.89**	0	20.5
		1	135	19.83	19.91	19.74	0	20.5
		1	268	19.81	19.70	19.87	0	20.5
		135	0	19.76	19.79	19.82	0	20.5
		135	68	**19.84**	**19.89**	**19.93**	0	20.5
		135	135	19.78	19.60	19.63	0	20.5
		270	0	19.63	**19.86**	19.78	0	20.5
	16QAM	1	1	19.77	19.67	19.56	0	20.5
	64QAM	1	1	19.79	19.67	19.76	0	20.5
	256QAM	1	1	19.77	19.54	19.90	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	19.74	19.46	19.74	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	19.49	19.55	19.65	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	19.65	19.41	19.57	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	19.71	19.60	19.82	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	19.62	19.83	19.81	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	19.74	19.51	19.55	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	19.70	19.88	19.76	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		

EN-DC_n7 (SCS 15kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	Pi/2 BPSK	1	1	13.45	13.54	13.45	0	15.0
		1	135	13.53	13.52	13.40	0	13.5
		1	268	13.33	13.19	13.62	0	13.5
		135	0	13.25	13.18	13.33	0	13.5
		135	68	13.41	13.62	13.51	0	13.5
		135	135	13.44	13.25	13.17	0	13.5
		270	0	13.71	13.32	13.59	0	13.5
	QPSK	1	1	**13.68**	**13.73**	**13.67**	0	13.5
		1	135	13.45	13.68	13.54	0	13.5
		1	268	13.41	13.39	13.53	0	13.5
		135	0	13.51	13.49	13.46	0	13.5
		135	68	**13.55**	**13.61**	**13.58**	0	13.5
		135	135	13.44	13.19	13.29	0	13.5
		270	0	13.34	**13.45**	13.44	0	13.5
	16QAM	1	1	13.48	13.26	13.22	0	13.5
	64QAM	1	1	13.45	13.25	13.41	0	13.5
	256QAM	1	1	13.46	13.16	13.47	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	13.26	13.05	13.57	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	13.13	13.08	13.32	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	13.36	13.53	13.44	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	13.32	13.17	13.12	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	13.66	13.17	13.48	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	13.55	13.66	13.60	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	13.35	13.32	13.49	0	13.5
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		

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n38 (SCS 30kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	Pi/2 BPSK	1	1	23.67	23.81	23.63	0	25.0
		1	53	23.39	23.47	23.38	0	25.0
		1	104	23.31	23.42	23.28	0	25.0
		50	0	22.86	22.91	22.84	0.5	24.5
		50	28	23.57	23.62	23.67	0	25.0
		50	56	22.58	22.64	22.59	0.5	24.5
		100	0	22.58	22.68	22.56	0.5	24.5
	QPSK	1	1	**23.72**	**23.85**	**23.79**	0	25.0
		1	53	23.45	23.48	23.42	0	25.0
		1	104	23.32	23.50	23.39	0	25.0
		50	0	22.83	22.91	22.79	1	24.0
		50	28	**23.64**	**23.66**	**23.47**	0	25.0
		50	56	22.32	22.35	22.38	1	24.0
		100	0	22.46	**22.72**	22.55	1	24.0
	16QAM	1	1	22.71	22.87	22.89	1	24.0
	64QAM	1	1	20.92	20.92	20.81	2.5	22.5
	256QAM	1	1	18.53	18.69	18.58	4.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	23.49	23.55	23.54	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	23.62	23.70	23.54	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	23.35	23.41	23.31	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	23.57	23.78	23.65	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	23.62	23.83	23.76	0	25.0

n38 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	Pi/2 BPSK	1	1	17.41	17.35	17.54	0	18.0
		1	53	17.37	17.55	17.39	0	18.0
		1	104	17.53	17.15	17.62	0	18.0
		50	0	17.34	17.37	17.54	0	18.0
		50	28	17.48	17.62	17.42	0	18.0
		50	56	17.62	17.20	17.44	0	18.0
		100	0	17.52	17.65	17.49	0	18.0
	QPSK	1	1	**17.63**	**17.68**	**17.66**	0	18.0
		1	53	17.52	17.51	17.60	0	18.0
		1	104	17.44	17.56	17.61	0	18.0
		50	0	17.41	17.35	17.29	0	18.0
		50	28	**17.57**	**17.63**	**17.60**	0	18.0
		50	56	17.49	17.21	17.52	0	18.0
		100	0	17.55	**17.57**	17.51	0	18.0
	16QAM	1	1	17.56	17.47	17.34	0	18.0
	64QAM	1	1	17.63	17.39	17.54	0	18.0
	256QAM	1	1	17.53	17.56	17.53	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	17.20	17.36	17.58	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	17.37	17.49	17.46	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	17.50	17.14	17.35	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	17.34	17.64	17.66	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	17.40	17.38	17.56	0	18.0

n38 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	Pi/2 BPSK	1	1	20.06	19.90	19.95	0	21.0
		1	53	19.99	20.10	19.88	0	25.0
		1	104	20.13	19.65	20.08	0	25.0
		50	0	19.80	19.79	19.89	0.5	24.5
		50	28	19.79	19.89	19.94	0	25.0
		50	56	20.06	19.70	20.12	0.5	24.5
		100	0	19.89	19.85	20.07	0.5	24.5
	QPSK	1	1	**20.04**	**20.13**	**20.10**	0	25.0
		1	53	19.95	20.01	20.07	0	25.0
		1	104	19.96	20.08	20.04	0	25.0
		50	0	20.07	19.76	19.87	1	24.0
		50	28	**20.08**	**20.10**	**20.01**	0	25.0
		50	56	20.05	19.85	19.99	1	24.0
		100	0	19.94	**19.98**	19.87	1	24.0
	16QAM	1	1	19.92	20.03	19.90	1	24.0
	64QAM	1	1	19.93	19.83	20.09	2.5	22.5
	256QAM	1	1	20.12	20.11	20.04	4.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	19.92	20.07	19.80	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	19.77	19.75	19.76	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	19.76	19.86	19.86	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	19.94	20.01	20.02	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	19.84	19.97	20.02	0	25.0

n38 (SCS 30kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	Pi/2 BPSK	1	1	16.74	16.58	16.62	0	17.5
		1	53	16.56	16.78	16.45	0	18.0
		1	104	16.69	16.34	16.74	0	18.0
		50	0	16.36	16.36	16.53	0	18.0
		50	28	16.44	16.51	16.50	0	18.0
		50	56	16.64	16.31	16.78	0	18.0
		100	0	16.57	16.43	16.76	0	18.0
	QPSK	1	1	**16.89**	**16.82**	**16.84**	0	18.0
		1	53	16.57	16.66	16.76	0	18.0
		1	104	16.52	16.69	16.71	0	18.0
		50	0	16.69	16.38	16.45	0	18.0
		50	28	**16.75**	**16.67**	**16.69**	0	18.0
		50	56	16.61	16.51	16.60	0	18.0
		100	0	**16.74**	16.62	16.56	0	18.0
	16QAM	1	1	16.61	16.72	16.56	0	18.0
	64QAM	1	1	16.55	16.43	16.67	0	18.0
	256QAM	1	1	16.71	16.67	16.63	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	16.51	16.75	16.32	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	16.64	16.60	16.42	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	16.52	16.69	16.66	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	16.48	16.41	16.49	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	16.55	16.67	16.53	0	18.0

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n41 (SCS 30kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.60	23.68	23.70	0	25.0
		1	137	23.36	23.55	23.48	0	25.0
		1	271	23.41	23.51	23.33	0	25.0
		135	0	23.04	23.12	23.06	0.5	24.5
		135	69	23.39	23.59	23.47	0	25.0
		135	138	22.87	22.90	22.88	0.5	24.5
		270	0	22.97	23.03	22.99	0.5	24.5
	QPSK	1	1	**23.92**	**23.78**	**23.59**	0	25.0
		1	137	23.64	23.54	23.32	0	25.0
		1	271	23.29	23.36	23.24	0	25.0
		135	0	22.45	22.60	22.52	1	24.0
		135	69	**23.61**	**23.56**	**23.53**	0	25.0
		135	138	22.66	22.46	22.36	1	24.0
		270	0	**22.53**	22.50	22.50	1	24.0
	16QAM	1	1	22.70	22.53	22.40	1	24.0
	64QAM	1	1	20.88	20.95	20.84	2.5	22.5
	256QAM	1	1	18.69	18.78	18.65	4.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	23.54	23.58	23.61	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	23.87	23.68	23.57	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	23.81	23.66	23.47	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	23.63	23.50	23.19	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	23.57	23.55	23.51	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	23.47	23.61	23.65	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	23.33	23.42	23.38	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		

n41 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.03	19.97	20.12	0	20.5
		1	137	19.94	20.11	19.88	0	20.5
		1	271	20.15	19.95	19.83	0	20.5
		135	0	20.15	19.78	19.79	0	20.5
		135	69	20.20	20.10	20.01	0	20.5
		135	138	19.97	20.12	20.06	0	20.5
		270	0	20.06	20.10	20.13	0	20.5
	QPSK	1	1	**20.22**	**20.13**	**20.19**	0	20.5
		1	137	20.03	20.11	20.14	0	20.5
		1	271	20.16	20.07	20.16	0	20.5
		135	0	20.04	19.97	20.11	0	20.5
		135	69	**20.16**	**20.03**	**20.13**	0	20.5
		135	138	19.97	19.99	20.10	0	20.5
		270	0	**20.14**	19.98	20.11	0	20.5
	16QAM	1	1	20.04	20.00	19.94	0	20.5
	64QAM	1	1	19.96	20.03	20.09	0	20.5
	256QAM	1	1	20.05	20.09	19.97	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	19.89	20.04	19.73	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	20.07	19.64	19.70	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	20.11	20.08	19.89	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	19.85	20.07	20.01	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	20.03	19.98	20.07	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	20.07	20.00	20.15	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	19.96	19.96	20.04	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		

n41 (SCS 30kHz)_Ant2 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.61	17.48	17.56	0	18.0
		1	137	17.51	17.57	17.35	0	18.0
		1	271	17.63	17.52	17.33	0	18.0
		135	0	17.62	17.32	17.28	0	18.0
		135	69	17.71	17.54	17.50	0	18.0
		135	138	17.44	17.57	17.57	0	18.0
		270	0	17.57	17.67	17.58	0	18.0
	QPSK	1	1	**17.75**	**17.68**	**17.66**	0	18.0
		1	137	17.47	17.64	17.59	0	18.0
		1	271	17.63	17.63	17.62	0	18.0
		135	0	17.55	17.41	17.60	0	18.0
		135	69	**17.67**	**17.59**	**17.63**	0	18.0
		135	138	17.43	17.55	17.57	0	18.0
		270	0	**17.72**	17.54	17.65	0	18.0
	16QAM	1	1	17.50	17.54	17.40	0	18.0
	64QAM	1	1	17.46	17.51	17.59	0	18.0
	256QAM	1	1	17.49	17.60	17.52	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	17.39	17.56	17.23	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	17.55	17.23	17.18	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	17.31	17.46	17.45	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	17.62	17.55	17.60	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	17.54	17.52	17.51	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	17.44	17.32	17.46	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	17.53	17.51	17.57	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		

n41 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.82	19.74	19.96	0	20.5
		1	137	19.71	19.99	19.67	0	20.5
		1	271	19.87	19.77	19.50	0	20.5
		135	0	20.02	19.53	19.56	0.5	24.5
		135	69	20.01	19.86	19.79	0	25.0
		135	138	19.61	19.71	19.77	0.5	24.5
		270	0	19.89	19.87	19.93	0.5	24.5
	QPSK	1	1	**20.01**	**20.09**	**20.07**	0	25.0
		1	137	19.79	19.93	19.78	0	25.0
		1	271	19.97	19.82	19.92	0	25.0
		135	0	19.79	19.73	19.77	1	24.0
		135	69	**19.86**	**19.95**	**19.81**	0	25.0
		135	138	19.72	19.71	19.73	1	24.0
		270	0	19.85	**19.97**	19.89	1	24.0
	16QAM	1	1	19.86	19.62	19.71	1	24.0
	64QAM	1	1	19.75	19.66	19.77	2.5	22.5
	256QAM	1	1	19.86	19.90	19.69	4.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	19.62	19.84	19.66	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	19.67	19.60	19.92	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	19.96	19.42	19.54	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	19.86	19.74	19.69	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	19.94	19.99	20.02	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	19.66	19.81	19.72	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	19.84	19.74	19.88	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		

n41 (SCS 30kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.35	16.33	16.57	0	17.5
		1	137	16.21	16.51	16.26	0	20.5
		1	271	16.49	16.34	16.36	0	20.5
		135	0	16.55	16.47	16.54	0	20.5
		135	69	16.60	16.36	16.33	0	20.5
		135	138	16.24	16.28	16.30	0	20.5
		270	0	16.39	16.44	16.48	0	20.5
	QPSK	1	1	**16.71**	**16.57**	**16.59**	0	20.5
		1	137	16.57	16.50	16.34	0	20.5
		1	271	16.49	16.45	16.48	0	20.5
		135	0	16.34	16.26	16.40	0	20.5
		135	69	**16.58**	**16.50**	**16.52**	0	20.5
		135	138	16.33	16.27	16.28	0	20.5
		270	0	**16.65**	16.61	16.45	0	20.5
	16QAM	1	1	16.42	16.53	16.37	0	20.5
	64QAM	1	1	16.39	16.52	16.32	0	20.5
	256QAM	1	1	16.41	16.45	16.27	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	16.26	16.25	16.52	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	16.45	16.28	16.27	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	16.65	16.49	16.55	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	16.46	16.44	16.43	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	16.59	16.60	16.41	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	16.30	16.32	16.25	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	16.59	16.28	16.30	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		

n41 (SCS 30kHz)_Ant4 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.36	13.29	13.53	0	14.0
		1	137	13.19	13.54	13.20	0	18.0
		1	271	13.44	13.30	13.29	0	18.0
		135	0	13.61	13.46	13.60	0	18.0
		135	69	13.64	13.34	13.34	0	18.0
		135	138	13.23	13.26	13.26	0	18.0
		270	0	13.40	13.39	13.41	0	18.0
	QPSK	1	1	**13.67**	**13.54**	**13.55**	0	18.0
		1	137	13.61	13.49	13.37	0	18.0
		1	271	13.52	13.48	13.48	0	18.0
		135	0	13.38	13.32	13.32	0	18.0
		135	69	**13.63**	**13.55**	**13.49**	0	18.0
		135	138	13.28	13.28	13.20	0	18.0
		270	0	**13.59**	13.55	13.49	0	18.0
	16QAM	1	1	13.34	13.55	13.37	0	18.0
	64QAM	1	1	13.34	13.52	13.38	0	18.0
	256QAM	1	1	13.38	13.41	13.31	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	13.21	13.28	13.40	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	13.30	13.23	13.22	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	13.57	13.33	13.59	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	13.54	13.21	13.25	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	13.27	13.25	13.35	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	13.49	13.41	13.27	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	13.24	13.25	13.26	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		

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n48 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.04	14.76	15.00	0	16.5
		1	53	14.69	14.51	14.87	0	16.5
		1	104	14.90	14.69	14.86	0	16.5
		50	0	14.64	14.51	14.78	0	16.5
		50	28	14.55	14.53	14.60	0	16.5
		50	56	14.64	14.66	14.78	0	16.5
		100	0	14.68	14.58	14.58	0	16.5
	QPSK	1	1	**15.07**	**14.84**	**15.02**	0	16.5
		1	53	14.81	14.69	14.88	0	16.5
		1	104	14.67	14.60	14.60	0	16.5
		50	0	14.90	14.77	14.83	0	16.5
		50	28	**14.98**	**14.82**	**14.97**	0	16.5
		50	56	14.69	14.59	14.82	0	16.5
		100	0	14.60	14.55	**14.60**	0	16.5
	16QAM	1	1	14.98	14.84	14.97	0	16.5
	64QAM	1	1	14.77	14.58	14.87	0	16.5
	256QAM	1	1	14.63	14.60	14.52	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	15.05	14.75	14.93	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	14.94	14.70	15.02	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	14.87	14.74	14.82	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	15.00	14.84	14.93	0	16.5

n48 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.77	15.38	15.48	0	17.0
		1	53	15.82	15.41	15.68	0	17.0
		1	104	15.80	15.37	15.65	0	17.0
		50	0	15.64	15.35	15.77	0	17.0
		50	28	15.46	15.40	15.63	0	17.0
		50	56	15.83	15.52	15.76	0	17.0
		100	0	15.58	15.31	15.63	0	17.0
	QPSK	1	1	**15.88**	**15.58**	**15.78**	0	17.0
		1	53	15.83	15.55	15.75	0	17.0
		1	104	15.62	15.52	15.68	0	17.0
		50	0	15.83	15.38	15.56	0	17.0
		50	28	**15.85**	**15.55**	**15.75**	0	17.0
		50	56	15.66	15.53	15.70	0	17.0
		100	0	**15.82**	15.40	15.55	0	17.0
	16QAM	1	1	15.86	15.40	15.51	0	17.0
	64QAM	1	1	15.63	15.55	15.64	0	17.0
	256QAM	1	1	15.54	15.39	15.49	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	15.67	15.52	15.59	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	15.69	15.56	15.68	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	15.86	15.49	15.69	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	15.67	15.39	15.69	0	17.0

n48 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.86	15.61	15.74	0	17.0
		1	53	15.87	15.46	15.61	0	16.5
		1	104	15.68	15.19	15.46	0	16.5
		50	0	15.88	15.68	15.82	0	16.5
		50	28	15.92	15.70	15.68	0	16.5
		50	56	15.75	15.46	15.66	0	16.5
		100	0	15.78	15.24	15.37	0	16.5
	QPSK	1	1	**15.98**	**15.83**	**15.84**	0	16.5
		1	53	15.95	15.72	15.76	0	16.5
		1	104	15.77	15.26	15.51	0	16.5
		50	0	15.86	15.49	15.73	0	16.5
		50	28	**15.95**	**15.79**	**15.80**	0	16.5
		50	56	15.87	15.54	15.66	0	16.5
		100	0	**15.91**	15.75	15.52	0	16.5
	16QAM	1	1	15.96	15.56	15.87	0	16.5
	64QAM	1	1	15.83	15.49	15.61	0	16.5
	256QAM	1	1	15.74	15.10	15.36	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	15.83	15.58	15.75	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	15.95	15.55	15.85	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	15.82	15.62	15.66	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	15.97	15.68	15.83	0	16.5

n48 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.29	22.38	22.44	0	23.0
		1	53	22.28	22.44	22.30	0	17.0
		1	104	22.03	22.26	22.25	0	17.0
		50	0	21.48	21.60	21.43	0	17.0
		50	28	22.39	22.23	22.41	0	17.0
		50	56	21.43	21.43	21.31	0	17.0
		100	0	21.48	21.45	21.40	0	17.0
	QPSK	1	1	**22.43**	**22.49**	**22.38**	0	17.0
		1	53	22.32	22.36	22.30	0	17.0
		1	104	22.08	22.23	22.27	0	17.0
		50	0	21.41	21.60	21.47	0	17.0
		50	28	**22.37**	**22.45**	**22.41**	0	17.0
		50	56	21.46	21.46	21.33	0	17.0
		100	0	21.48	**21.54**	21.43	0	17.0
	16QAM	1	1	21.40	21.43	21.49	0	17.0
	64QAM	1	1	19.60	19.67	19.45	0	17.0
	256QAM	1	1	17.73	17.78	17.67	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	22.21	22.34	22.27	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	22.26	22.42	22.36	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	22.22	22.45	22.31	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	22.32	22.43	22.28	0	17.0

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n66 (SCS 15kHz)_Ant0

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.11	23.13	23.19	0	24.0
		1	121	22.93	22.98	23.08	0	24.0
		1	240	23.01	22.96	23.06	0	24.0
		120	0	22.45	22.47	22.57	0.5	23.5
		120	61	22.94	23.02	23.09	0	24.0
		120	122	22.28	22.23	22.33	0.5	23.5
		240	0	22.62	22.65	22.68	0.5	23.5
	QPSK	1	1	**23.15**	**23.20**	**23.25**	0	24.0
		1	121	23.00	23.02	23.10	0	24.0
		1	240	23.02	23.01	23.15	0	24.0
		120	0	22.16	22.11	22.20	1	23.0
		120	61	**23.14**	**23.07**	**23.17**	0	24.0
		120	122	21.80	21.76	21.86	1	23.0
		240	0	22.24	22.18	**22.32**	1	23.0
	16QAM	1	1	22.33	22.35	22.38	1	23.0
	64QAM	1	1	20.17	20.15	20.23	2.5	21.5
	256QAM	1	1	18.68	18.72	18.77	4.5	19.5
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	23.13	22.99	23.12	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	23.08	23.10	23.11	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	22.89	22.97	23.13	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	23.06	23.01	23.15	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	23.11	23.09	23.19	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	23.16	23.09	23.11	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	22.96	23.02	23.19	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		

n66 (SCS 15kHz)_Ant2

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	16.87	16.84	16.89	0	18.0
		1	121	16.71	16.68	16.81	0	18.0
		1	240	16.85	16.84	16.62	0	18.0
		120	0	16.86	16.83	16.76	0	18.0
		120	61	16.72	16.78	16.78	0	18.0
		120	122	16.75	16.71	16.79	0	18.0
		240	0	16.72	16.77	16.82	0	18.0
	QPSK	1	1	**16.90**	**16.89**	**16.88**	0	18.0
		1	121	16.67	16.78	16.61	0	18.0
		1	240	16.73	16.66	16.76	0	18.0
		120	0	16.69	16.65	16.58	0	18.0
		120	61	**16.85**	**16.83**	**16.80**	0	18.0
		120	122	16.61	16.69	16.46	0	18.0
		240	0	**16.83**	16.80	16.81	0	18.0
	16QAM	1	1	16.89	16.78	16.86	0	18.0
	64QAM	1	1	16.19	16.23	16.11	0	18.0
	256QAM	1	1	16.47	16.67	16.54	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	16.85	16.80	16.77	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	16.73	16.81	16.73	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		21	349000	20.72	MPR (dB)	Max. Tune-up
		Frequence (MHz)		20.75	1745	20.71		
30	QPSK	1	1	16.71	16.72	16.72	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		21	349000	20.72	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	16.82	16.83	16.75	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	16.80	16.65	16.68	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	16.83	16.78	16.65	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	16.84	16.80	16.61	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		

n66 (SCS 15kHz)_Ant2 For ENDC

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	13.86	13.86	13.86	0	15.0
		1	121	13.69	13.67	13.85	0	15.0
		1	240	13.79	13.90	13.60	0	15.0
		120	0	13.86	13.81	13.71	0	15.0
		120	61	13.73	13.73	13.70	0	15.0
		120	122	13.78	13.71	13.82	0	15.0
		240	0	13.62	13.83	13.73	0	15.0
	QPSK	1	1	**13.91**	**13.79**	**13.86**	0	15.0
		1	121	13.73	13.70	13.72	0	15.0
		1	240	13.76	13.65	13.70	0	15.0
		120	0	13.63	13.72	13.57	0	15.0
		120	61	**13.87**	**13.76**	**13.83**	0	15.0
		120	122	13.71	13.75	13.53	0	15.0
		240	0	**13.85**	13.84	13.74	0	15.0
	16QAM	1	1	13.88	13.67	13.87	0	15.0
	64QAM	1	1	13.12	13.29	13.09	0	15.0
	256QAM	1	1	13.44	13.58	13.57	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	13.78	13.79	13.83	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	13.86	13.85	13.82	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		21	349000	20.72	MPR (dB)	Max. Tune-up
		Frequence (MHz)		20.75	1745	20.71		
30	QPSK	1	1	13.85	13.73	13.74	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		21	349000	20.72	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	13.68	13.75	13.79	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	13.77	13.82	13.81	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	13.83	13.77	13.85	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	13.84	13.81	13.79	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		

n66 (SCS 15kHz)_Ant3

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	16.37	16.29	16.33	0	17.5
		1	121	16.24	16.20	16.29	0	24.0
		1	240	16.24	16.23	16.28	0	24.0
		120	0	16.20	16.35	16.28	0.5	23.5
		120	61	16.25	16.35	16.24	0	24.0
		120	122	16.36	16.15	16.19	0.5	23.5
		240	0	16.25	16.34	16.26	0.5	23.5
	QPSK	1	1	**16.38**	**16.40**	**16.32**	0	24.0
		1	121	16.35	16.31	16.30	0	24.0
		1	240	16.36	16.35	16.30	0	24.0
		120	0	16.28	16.28	16.21	1	23.0
		120	61	**16.36**	**16.35**	**16.28**	0	24.0
		120	122	16.20	16.17	16.23	1	23.0
		240	0	**16.34**	16.29	16.15	1	23.0
	16QAM	1	1	16.39	16.36	16.31	1	23.0
	64QAM	1	1	16.36	16.19	16.31	2.5	21.5
	256QAM	1	1	16.30	16.30	16.21	4.5	19.5
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	16.29	16.20	16.27	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	16.37	16.29	16.33	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	16.33	16.36	16.13	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	16.29	16.21	16.18	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	16.18	16.38	16.18	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	16.17	16.39	16.18	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	16.35	16.29	16.26	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		

n66 (SCS 15kHz)_Ant4

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	14.69	14.90	14.66	0	16.5
		1	121	14.72	14.87	14.82	0	18.0
		1	240	14.67	14.78	14.69	0	18.0
		120	0	14.60	14.85	14.77	0	18.0
		120	61	14.77	14.79	14.65	0	18.0
		120	122	14.53	14.69	14.62	0	18.0
		240	0	14.77	14.73	14.83	0	18.0
	QPSK	1	1	**14.78**	**14.92**	**14.84**	0	18.0
		1	121	14.60	14.86	14.80	0	18.0
		1	240	14.76	14.90	14.82	0	18.0
		120	0	14.67	14.73	14.73	0	18.0
		120	61	**14.74**	**14.85**	**14.80**	0	18.0
		120	122	14.57	14.81	14.68	0	18.0
		240	0	14.70	**14.83**	14.78	0	18.0
	16QAM	1	1	14.64	14.85	14.76	0	18.0
	64QAM	1	1	14.53	14.82	14.78	0	18.0
	256QAM	1	1	14.71	14.77	14.81	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	14.78	14.73	14.81	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	14.76	14.91	14.70	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	14.76	14.78	14.68	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	14.64	14.85	14.77	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	14.73	14.89	14.70	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	14.77	14.90	14.73	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	14.73	14.77	14.82	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		

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Part27Q_n77 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		13.67		0	15.0
		1	137		13.36		0	15.0
		1	271		13.53		0	15.0
		135	0		13.36		0	15.0
		135	69		13.40		0	15.0
		135	138		13.48		0	15.0
		270	0		13.38		0	15.0
	QPSK	1	1		**13.73**		0	15.0
		1	137		13.56		0	15.0
		1	271		13.72		0	15.0
		135	0		13.67		0	15.0
		135	69		**13.70**		0	15.0
		135	138		13.43		0	15.0
		270	0		**13.67**		0	15.0
	16QAM	1	1		13.53		0	15.0
	64QAM	1	1		13.47		0	15.0
	256QAM	1	1		13.50		0	15.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.55	13.57	13.59	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	13.56	13.65	13.48	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.66	13.72	13.57	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	13.49	13.60	13.57	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.49	13.63	13.42	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.48	13.67	13.46	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.48	13.53	13.53	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27O_n77 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	13.21	13.49	13.48	0	15.0
		1	137	13.09	13.49	13.49	0	15.0
		1	271	13.09	13.48	13.51	0	15.0
		135	0	13.20	13.47	13.59	0	15.0
		135	69	13.16	13.54	13.43	0	15.0
		135	138	13.20	13.59	13.51	0	15.0
		270	0	13.11	13.52	13.40	0	15.0
	QPSK	1	1	**13.32**	**13.66**	**13.64**	0	15.0
		1	137	13.19	13.63	13.55	0	15.0
		1	271	13.27	13.64	13.59	0	15.0
		135	0	13.14	13.60	13.55	0	15.0
		135	69	**13.29**	**13.63**	**13.57**	0	15.0
		135	138	13.07	13.50	13.56	0	15.0
		270	0	13.07	**13.60**	13.52	0	15.0
	16QAM	1	1	13.28	13.46	13.57	0	15.0
	64QAM	1	1	13.16	13.57	13.37	0	15.0
	256QAM	1	1	13.08	13.60	13.55	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	13.15	13.56	13.54	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	13.11	13.58	13.63	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	13.18	13.51	13.46	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	13.31	13.65	13.54	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	13.13	13.55	13.60	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	13.13	13.63	13.51	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	13.15	13.58	13.58	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		

Part27O_n77 (SCS 30kHz)_Ant1 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	10.06	10.01	10.03	0	11.5
		1	137	10.13	10.04	10.06	0	15.0
		1	271	10.14	10.03	10.03	0	15.0
		135	0	10.12	10.01	10.04	0	15.0
		135	69	10.05	10.02	10.18	0	15.0
		135	138	10.09	10.12	10.01	0	15.0
		270	0	9.87	9.95	10.09	0	15.0
	QPSK	1	1	**10.16**	**10.22**	**10.13**	0	15.0
		1	137	10.01	10.16	10.11	0	15.0
		1	271	10.06	10.12	10.10	0	15.0
		135	0	10.02	10.12	10.11	0	15.0
		135	69	**10.16**	**10.19**	**10.13**	0	15.0
		135	138	9.92	10.09	10.10	0	15.0
		270	0	9.85	**10.04**	10.01	0	15.0
	16QAM	1	1	10.12	10.02	10.10	0	15.0
	64QAM	1	1	9.94	10.13	10.00	0	15.0
	256QAM	1	1	9.87	10.13	10.04	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	10.02	9.98	10.05	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	10.00	9.96	9.94	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	10.02	10.19	10.02	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	10.00	10.03	10.07	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	10.05	10.02	9.96	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	10.01	9.97	9.96	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	9.92	10.12	9.92	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		

Part27Q_n77 (SCS 30kHz)_Ant1(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		15.54		0	17.0
		1	137		15.45		0	15.0
		1	271		15.46		0	15.0
		135	0		15.50		0	15.0
		135	69		15.34		0	15.0
		135	138		15.35		0	15.0
		270	0		15.55		0	15.0
	QPSK	1	1		**15.58**		0	15.0
		1	137		15.50		0	15.0
		1	271		15.54		0	15.0
		135	0		15.50		0	15.0
		135	69		**15.55**		0	15.0
		135	138		15.32		0	15.0
		270	0		**15.51**		0	15.0
	16QAM	1	1		15.37		0	15.0
	64QAM	1	1		15.42		0	15.0
	256QAM	1	1		15.38		0	15.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	15.37	15.45	15.46	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	15.34	15.32	15.43	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	15.47	15.46	15.52	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	15.41	15.30	15.41	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	15.49	15.49	15.43	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	15.41	15.46	15.55	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	15.34	15.35	15.38	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

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Part27Q_n77 (SCS 30kHz)_Ant1 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		10.12		0	11.5
		1	137		10.17		0	11.5
		1	271		10.21		0	11.5
		135	0		10.20		0	11.5
		135	69		10.12		0	11.5
		135	138		10.26		0	11.5
		270	0		10.10		0	11.5
	QPSK	1	1		**10.33**		0	11.5
		1	137		10.31		0	11.5
		1	271		10.20		0	11.5
		135	0		10.26		0	11.5
		135	69		**10.32**		0	11.5
		135	138		10.25		0	11.5
		270	0		**10.09**		0	11.5
	16QAM	1	1		10.15		0	11.5
	64QAM	1	1		10.26		0	11.5
	256QAM	1	1		10.32		0	11.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	10.11	9.90	9.97	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	10.00	9.98	9.95	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	9.93	9.90	10.15	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	9.99	10.09	9.91	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	9.83	9.94	10.08	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	9.99	10.15	10.10	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	9.97	10.04	10.05	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27O_n77 (SCS 30kHz)_Ant1 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	10.06	10.01	10.03	0	11.5
		1	137	10.13	10.04	10.06	0	11.5
		1	271	10.14	10.03	10.03	0	11.5
		135	0	10.12	10.01	10.04	0	11.5
		135	69	10.05	10.02	10.18	0	11.5
		135	138	10.09	10.12	10.01	0	11.5
		270	0	9.87	9.95	10.09	0	11.5
	QPSK	1	1	**10.16**	**10.22**	**10.13**	0	11.5
		1	137	10.01	10.16	10.11	0	11.5
		1	271	10.06	10.12	10.10	0	11.5
		135	0	10.02	10.12	10.11	0	11.5
		135	69	**10.16**	**10.19**	**10.13**	0	11.5
		135	138	9.92	10.09	10.10	0	11.5
		270	0	9.85	**10.04**	10.01	0	11.5
	16QAM	1	1	10.12	10.02	10.10	0	11.5
	64QAM	1	1	9.94	10.13	10.00	0	11.5
	256QAM	1	1	9.87	10.13	10.04	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	10.02	9.98	10.05	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	10.00	9.96	9.94	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	10.02	10.19	10.02	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	10.00	10.03	10.07	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	10.05	10.02	9.96	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	10.01	9.97	9.96	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	9.92	10.12	9.92	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		

Part27O_n77 (SCS 30kHz)_Ant1(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	15.45	15.74	15.38	0	17.0
		1	137	15.34	15.78	15.36	0	11.5
		1	271	15.31	15.63	15.28	0	11.5
		135	0	15.25	15.73	15.39	0	11.5
		135	69	15.31	15.60	15.30	0	11.5
		135	138	15.26	15.72	15.45	0	11.5
		270	0	15.25	15.66	15.31	0	11.5
	QPSK	1	1	**15.55**	**15.81**	**15.58**	0	11.5
		1	137	15.35	15.79	15.34	0	11.5
		1	271	15.25	15.69	15.39	0	11.5
		135	0	15.41	15.72	15.47	0	11.5
		135	69	**15.52**	**15.78**	**15.55**	0	11.5
		135	138	15.34	15.76	15.30	0	11.5
		270	0	15.56	**15.73**	15.62	0	11.5
	16QAM	1	1	15.38	15.77	15.41	0	11.5
	64QAM	1	1	15.29	15.70	15.35	0	11.5
	256QAM	1	1	15.42	15.61	15.47	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	15.44	15.73	15.45	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	15.31	15.69	15.47	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	15.47	15.67	15.47	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	15.33	15.80	15.27	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	15.46	15.76	15.39	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	15.26	15.61	15.29	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	15.45	15.75	15.44	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		

Part27Q_n77 (SCS 30kHz)_Ant1(HPUE) For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		12.37		0	13.5
		1	137		12.30		0	11.5
		1	271		12.15		0	11.5
		135	0		12.21		0	11.5
		135	69		12.12		0	11.5
		135	138		12.31		0	11.5
		270	0		12.33		0	11.5
	QPSK	1	1		**12.42**		0	11.5
		1	137		12.38		0	11.5
		1	271		12.23		0	11.5
		135	0		12.32		0	11.5
		135	69		**12.40**		0	11.5
		135	138		12.38		0	11.5
		270	0		**12.33**		0	11.5
	16QAM	1	1		12.31		0	11.5
	64QAM	1	1		12.31		0	11.5
	256QAM	1	1		12.23		0	11.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	11.90	12.29	11.93	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	11.99	12.19	12.07	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	11.82	12.16	11.89	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	11.89	12.24	11.88	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	11.65	12.16	11.90	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	11.85	12.24	11.69	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	11.95	12.25	12.01	0	11.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

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Part27Q_n77 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		12.03		0	12.5
		1	137		12.01		0	12.5
		1	271		11.99		0	12.5
		135	0		11.98		0	12.5
		135	69		12.04		0	12.5
		135	138		12.03		0	12.5
		270	0		11.99		0	12.5
	QPSK	1	1		**12.13**		0	12.5
		1	137		11.97		0	12.5
		1	271		12.05		0	12.5
		135	0		12.00		0	12.5
		135	69		**12.10**		0	12.5
		135	138		11.97		0	12.5
		270	0		**12.08**		0	12.5
	16QAM	1	1		12.03		0	12.5
	64QAM	1	1		12.02		0	12.5
	256QAM	1	1		12.02		0	12.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	11.85	11.85	11.92	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	11.99	11.97	11.92	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	11.95	11.99	12.01	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	11.83	11.83	12.00	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	11.85	11.80	11.88	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	11.94	11.78	12.09	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	11.71	11.82	11.95	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27O_n77 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	11.43	11.71	11.82	0	12.5
		1	137	11.48	11.70	11.88	0	12.5
		1	271	11.46	11.81	11.78	0	12.5
		135	0	11.41	11.74	11.77	0	12.5
		135	69	11.35	11.78	11.87	0	12.5
		135	138	11.40	11.80	11.82	0	12.5
		270	0	11.48	11.68	11.75	0	12.5
	QPSK	1	1	**11.53**	**11.86**	**11.93**	0	12.5
		1	137	11.43	11.79	11.76	0	12.5
		1	271	11.46	11.69	11.83	0	12.5
		135	0	11.47	11.77	11.75	0	12.5
		135	69	**11.50**	**11.82**	**11.84**	0	12.5
		135	138	11.44	11.69	11.78	0	12.5
		270	0	11.46	**11.78**	**11.78**	0	12.5
	16QAM	1	1	11.44	11.81	11.84	0	12.5
	64QAM	1	1	11.39	11.81	11.80	0	12.5
	256QAM	1	1	11.44	11.68	11.78	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	11.50	11.66	11.87	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	11.55	11.71	11.87	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	11.52	11.75	11.84	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	11.38	11.80	11.88	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	11.55	11.83	11.86	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	11.44	11.82	11.73	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	11.54	11.78	11.85	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		

Part27Q_n77 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		17.09		0	18.0
		1	137		17.16		0	12.5
		1	271		17.07		0	12.5
		135	0		17.17		0	12.5
		135	69		17.09		0	12.5
		135	138		17.16		0	12.5
		270	0		17.19		0	12.5
	QPSK	1	1		**17.27**		0	12.5
		1	137		17.08		0	12.5
		1	271		17.19		0	12.5
		135	0		17.19		0	12.5
		135	69		**17.24**		0	12.5
		135	138		17.13		0	12.5
		270	0		**17.21**		0	12.5
	16QAM	1	1		17.08		0	12.5
	64QAM	1	1		17.18		0	12.5
	256QAM	1	1		17.18		0	12.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	17.17	17.01	17.14	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	17.09	16.97	17.27	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	17.10	17.05	17.23	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	17.07	17.16	17.22	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	17.17	17.15	17.12	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	17.20	17.12	17.26	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	17.06	17.14	17.14	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27O_n77 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	17.17	16.86	16.61	0	18.0
		1	137	17.23	16.89	16.64	0	12.5
		1	271	17.21	16.93	16.67	0	12.5
		135	0	17.24	16.87	16.64	0	12.5
		135	69	17.15	16.88	16.59	0	12.5
		135	138	17.16	16.93	16.64	0	12.5
		270	0	17.25	16.89	16.56	0	12.5
	QPSK	1	1	**17.35**	**17.03**	**16.76**	0	12.5
		1	137	17.27	16.91	16.67	0	12.5
		1	271	17.21	16.87	16.66	0	12.5
		135	0	17.17	16.93	16.66	0	12.5
		135	69	**17.32**	**16.98**	**16.73**	0	12.5
		135	138	17.24	16.93	16.62	0	12.5
		270	0	**17.29**	16.89	16.71	0	12.5
	16QAM	1	1	17.23	16.94	16.67	0	12.5
	64QAM	1	1	17.27	16.85	16.57	0	12.5
	256QAM	1	1	17.18	16.90	16.57	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	17.05	16.79	16.57	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	17.02	16.68	16.62	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	17.02	16.75	16.61	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	17.11	16.85	16.57	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	17.03	16.72	16.59	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	17.21	16.81	16.47	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	17.16	16.76	16.39	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		

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Part27Q_n77 (SCS 30kHz)_Ant2(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		13.50		0	14.5
		1	137		13.58		0	14.5
		1	271		13.52		0	14.5
		135	0		13.55		0	14.5
		135	69		13.53		0	14.5
		135	138		13.61		0	14.5
		270	0		13.59		0	14.5
	QPSK	1	1		13.70		0	14.5
		1	137		13.50		0	14.5
		1	271		13.51		0	14.5
		135	0		13.60		0	14.5
		135	69		13.57		0	14.5
		135	138		13.50		0	14.5
		270	0		13.52		0	14.5
	16QAM	1	1		13.51		0	14.5
	64QAM	1	1		13.57		0	14.5
	256QAM	1	1		13.60		0	14.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.55	13.62	13.61	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	13.57	13.61	13.67	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.46	13.59	13.52	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	13.63	13.45	13.63	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.50	13.65	13.57	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.51	13.61	13.56	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.46	13.60	13.59	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27O_n77 (SCS 30kHz)_Ant2(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	13.57	13.95	13.92	0	14.5
		1	137	13.50	13.92	13.88	0	14.5
		1	271	13.51	13.97	13.82	0	14.5
		135	0	13.57	13.90	13.80	0	14.5
		135	69	13.55	13.91	13.80	0	14.5
		135	138	13.51	13.93	13.89	0	14.5
		270	0	13.52	13.92	13.92	0	14.5
	QPSK	1	1	13.67	14.05	14.00	0	14.5
		1	137	13.53	13.96	13.85	0	14.5
		1	271	13.54	13.93	13.88	0	14.5
		135	0	13.54	13.87	13.84	0	14.5
		135	69	13.65	14.01	13.96	0	14.5
		135	138	13.55	13.97	13.82	0	14.5
		270	0	13.49	13.98	13.84	0	14.5
	16QAM	1	1	13.58	13.87	13.80	0	14.5
	64QAM	1	1	13.56	13.85	13.91	0	14.5
	256QAM	1	1	13.56	13.95	13.83	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	13.68	13.94	13.73	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	13.68	13.70	13.86	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	13.48	13.76	13.68	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	13.66	13.83	13.81	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	13.52	13.77	13.80	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	13.54	13.84	13.81	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	13.50	13.76	13.69	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		

Part27Q_n77 (SCS 30kHz)_Ant3 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		13.39		0	14.5
		1	137		13.53		0	14.5
		1	271		13.57		0	14.5
		135	0		13.64		0	14.5
		135	69		13.60		0	14.5
		135	138		13.67		0	14.5
		270	0		13.56		0	14.5
	QPSK	1	1		13.72		0	14.5
		1	137		13.54		0	14.5
		1	271		13.52		0	14.5
		135	0		13.66		0	14.5
		135	69		13.66		0	14.5
		135	138		13.59		0	14.5
		270	0		13.59		0	14.5
	16QAM	1	1		13.61		0	14.5
	64QAM	1	1		13.39		0	14.5
	256QAM	1	1		13.58		0	14.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.68	13.27	13.02	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	13.63	13.42	13.04	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.67	13.37	13.05	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	13.57	13.45	13.03	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.68	13.39	13.12	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.63	13.37	13.08	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.58	13.45	13.17	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27O_n77 (SCS 30kHz)_Ant3 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	13.67	13.32	13.17	0	14.5
		1	137	13.69	13.41	13.15	0	14.5
		1	271	13.69	13.51	13.25	0	14.5
		135	0	13.82	13.46	13.13	0	14.5
		135	69	13.70	13.45	13.19	0	14.5
		135	138	13.64	13.53	13.24	0	14.5
		270	0	13.71	13.42	13.02	0	14.5
	QPSK	1	1	13.87	13.55	13.46	0	14.5
		1	137	13.77	13.46	13.35	0	14.5
		1	271	13.70	13.44	13.22	0	14.5
		135	0	13.71	13.49	13.16	0	14.5
		135	69	13.85	13.57	13.25	0	14.5
		135	138	13.81	13.48	13.18	0	14.5
		270	0	13.83	13.41	13.26	0	14.5
	16QAM	1	1	13.71	13.52	13.14	0	14.5
	64QAM	1	1	13.79	13.31	13.08	0	14.5
	256QAM	1	1	13.72	13.45	13.17	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	13.65	13.33	13.12	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	13.56	13.38	13.21	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	13.66	13.33	13.08	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	13.60	13.51	13.18	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	13.75	13.41	13.21	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	13.68	13.34	13.08	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	13.68	13.40	13.06	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		

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Part27Q_n77 (SCS 30kHz)_Ant3(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		19.39		0	20.0
		1	137		19.36		0	20.0
		1	271		19.29		0	20.0
		135	0		19.36		0	20.0
		135	69		19.34		0	20.0
		135	138		19.38		0	20.0
		270	0		19.40		0	20.0
	QPSK	1	1		**19.41**		0	20.0
		1	137		19.28		0	20.0
		1	271		19.30		0	20.0
		135	0		19.32		0	20.0
		135	69		**19.39**		0	20.0
		135	138		19.36		0	20.0
		270	0		**19.36**		0	20.0
	16QAM	1	1		19.33		0	20.0
	64QAM	1	1		19.36		0	20.0
	256QAM	1	1		19.37		0	20.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	19.28	19.29	19.37	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	19.16	19.22	19.21	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	19.24	19.28	19.18	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	19.29	19.19	19.14	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	19.15	19.21	19.31	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	19.20	19.36	19.27	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	19.29	19.10	19.15	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27O_n77 (SCS 30kHz)_Ant3(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	18.63	19.08	18.92	0	20.0
		1	137	18.57	19.06	18.93	0	20.0
		1	271	18.61	19.07	18.98	0	20.0
		135	0	18.55	19.03	18.99	0	20.0
		135	69	18.63	19.09	18.99	0	20.0
		135	138	18.65	19.10	18.98	0	20.0
		270	0	18.60	19.05	18.96	0	20.0
	QPSK	1	1	**18.75**	**19.20**	**19.12**	0	20.0
		1	137	18.62	19.00	19.04	0	20.0
		1	271	18.67	19.01	19.04	0	20.0
		135	0	18.64	19.01	19.00	0	20.0
		135	69	**18.72**	**19.15**	**19.10**	0	20.0
		135	138	18.58	19.03	18.93	0	20.0
		270	0	18.70	**19.12**	19.06	0	20.0
	16QAM	1	1	18.67	19.11	18.98	0	20.0
	64QAM	1	1	18.59	19.07	19.04	0	20.0
	256QAM	1	1	18.61	19.10	19.02	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	18.60	19.11	18.90	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	18.67	19.18	19.03	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	18.71	19.11	18.94	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	18.60	19.15	18.87	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	18.74	19.10	18.95	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	18.64	19.14	19.08	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	18.69	19.10	18.82	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		

Part27Q_n77 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		23.36		0	24.5
		1	137		23.22		0	20.0
		1	271		23.35		0	20.0
		135	0		23.24		0	20.0
		135	69		23.19		0	20.0
		135	138		23.36		0	20.0
		270	0		23.35		0	20.0
	QPSK	1	1		**23.38**		0	20.0
		1	137		23.26		0	20.0
		1	271		23.30		0	20.0
		135	0		23.27		0	20.0
		135	69		**23.33**		0	20.0
		135	138		23.25		0	20.0
		270	0		**23.32**		0	20.0
	16QAM	1	1		23.23		0	20.0
	64QAM	1	1		22.94		0	20.0
	256QAM	1	1		21.36		0	20.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	23.12	23.04	23.01	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	22.94	23.15	23.01	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	22.95	22.98	22.96	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	23.17	23.01	23.16	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	23.03	22.99	23.11	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	23.04	22.98	23.01	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	23.18	23.01	23.02	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27O_n77 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	23.32	23.20	23.16	0	24.5
		1	137	23.27	23.26	23.14	0	20.0
		1	271	23.25	23.23	23.18	0	20.0
		135	0	23.28	23.29	23.24	0	20.0
		135	69	23.30	23.27	23.28	0	20.0
		135	138	23.31	23.25	23.12	0	20.0
		270	0	23.29	23.19	23.29	0	20.0
	QPSK	1	1	**23.34**	**23.39**	**23.30**	0	20.0
		1	137	23.28	23.26	23.12	0	20.0
		1	271	23.30	23.26	23.02	0	20.0
		135	0	23.26	23.26	23.13	0	20.0
		135	69	**23.32**	**23.37**	**23.29**	0	20.0
		135	138	23.24	23.30	23.25	0	20.0
		270	0	23.27	**23.32**	23.29	0	20.0
	16QAM	1	1	23.21	23.36	23.07	0	20.0
	64QAM	1	1	23.03	22.96	22.88	0	20.0
	256QAM	1	1	21.38	21.24	21.13	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	23.25	23.23	23.18	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	23.25	23.24	23.14	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	23.23	23.26	23.28	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	23.33	23.37	23.23	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	23.25	23.34	23.11	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	23.28	23.31	23.23	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	23.20	23.33	23.16	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		

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Part27Q_n77 (SCS 30kHz)_Ant3(HPUE) For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		15.45		0	16.5
		1	137		15.52		0	16.5
		1	271		15.49		0	16.5
		135	0		15.56		0	16.5
		135	69		15.60		0	16.5
		135	138		15.54		0	16.5
		270	0		15.48		0	16.5
	QPSK	1	1		**15.67**		0	16.5
		1	137		15.44		0	16.5
		1	271		15.52		0	16.5
		135	0		15.39		0	16.5
		135	69		**15.57**		0	16.5
		135	138		15.57		0	16.5
		270	0		**15.56**		0	16.5
	16QAM	1	1		15.57		0	16.5
	64QAM	1	1		15.60		0	16.5
	256QAM	1	1		15.64		0	16.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	15.15	15.53	15.51	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	15.12	15.44	15.43	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	15.16	15.47	15.43	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	14.99	15.55	15.41	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	15.10	15.44	15.36	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	15.07	15.47	15.52	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	15.03	15.46	15.39	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27O_n77 (SCS 30kHz)_Ant3(HPUE) For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	15.18	15.60	15.52	0	16.5
		1	137	15.04	15.59	15.52	0	16.5
		1	271	15.12	15.64	15.46	0	16.5
		135	0	15.06	15.57	15.47	0	16.5
		135	69	15.16	15.69	15.48	0	16.5
		135	138	15.20	15.59	15.55	0	16.5
		270	0	15.17	15.58	15.48	0	16.5
	QPSK	1	1	**15.45**	**15.73**	**15.59**	0	16.5
		1	137	15.13	15.49	15.51	0	16.5
		1	271	15.25	15.54	15.56	0	16.5
		135	0	15.13	15.51	15.47	0	16.5
		135	69	**15.30**	**15.68**	**15.66**	0	16.5
		135	138	15.08	15.63	15.39	0	16.5
		270	0	15.24	**15.69**	15.52	0	16.5
	16QAM	1	1	15.25	15.65	15.55	0	16.5
	64QAM	1	1	15.15	15.64	15.59	0	16.5
	256QAM	1	1	15.09	15.70	15.51	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	15.10	15.53	15.38	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	15.14	15.54	15.44	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	15.34	15.64	15.48	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	15.24	15.43	15.51	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	15.22	15.54	15.65	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	15.23	15.61	15.43	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	15.04	15.53	15.53	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		

Part27Q_n77 (SCS 30kHz)_Ant7 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		18.57		0	20.0
		1	137		18.83		0	16.5
		1	271		18.70		0	16.5
		135	0		18.77		0	16.5
		135	69		18.68		0	16.5
		135	138		18.68		0	16.5
		270	0		18.61		0	16.5
	QPSK	1	1		**18.91**		0	16.5
		1	137		18.77		0	16.5
		1	271		18.79		0	16.5
		135	0		18.79		0	16.5
		135	69		**18.85**		0	16.5
		135	138		18.71		0	16.5
		270	0		**18.78**		0	16.5
	16QAM	1	1		18.81		0	16.5
	64QAM	1	1		18.72		0	16.5
	256QAM	1	1		18.63		0	16.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	18.65	18.77	18.47	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	18.63	18.68	18.69	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	18.76	18.64	18.53	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	18.66	18.76	18.44	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	18.63	18.80	18.82	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	18.72	18.76	18.71	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	18.80	18.84	18.53	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27O_n77 (SCS 30kHz)_Ant7 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	18.83	18.67	18.75	0	20.0
		1	137	18.76	18.85	18.60	0	16.5
		1	271	18.75	18.78	18.77	0	16.5
		135	0	18.82	18.79	18.79	0	16.5
		135	69	18.78	18.82	18.77	0	16.5
		135	138	18.88	18.76	18.68	0	16.5
		270	0	18.89	18.70	18.80	0	16.5
	QPSK	1	1	**18.85**	**18.94**	**18.88**	0	16.5
		1	137	18.82	18.81	18.61	0	16.5
		1	271	18.77	18.85	18.48	0	16.5
		135	0	18.83	18.85	18.64	0	16.5
		135	69	**18.86**	**18.91**	**18.89**	0	16.5
		135	138	18.72	18.86	18.84	0	16.5
		270	0	18.82	**18.86**	18.83	0	16.5
	16QAM	1	1	18.74	18.92	18.57	0	16.5
	64QAM	1	1	18.76	18.80	18.81	0	16.5
	256QAM	1	1	18.75	18.76	18.92	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	18.63	18.73	18.55	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	18.76	18.69	18.65	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	18.81	18.62	18.72	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	18.72	18.83	18.78	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	18.75	18.68	18.49	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	18.76	18.81	18.63	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	18.75	18.90	18.79	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		

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Part27Q_n77 (SCS 30kHz)_Ant7(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		25.16		0	26.5
		1	137		24.74		0	26.5
		1	271		24.81		0	26.5
		135	0		24.02		1	25.5
		135	69		24.85		0	26.5
		135	138		23.93		1	25.5
		270	0		23.97		1	25.5
	QPSK	1	1		**25.19**		0	26.5
		1	137		24.85		0	26.5
		1	271		25.07		0	26.5
		135	0		24.01		1	25.5
		135	69		**24.93**		0	26.5
		135	138		24.06		1	25.5
		270	0		**24.01**		1	25.5
	16QAM	1	1		24.25		1	25.5
	64QAM	1	1		22.24		3	23.5
	256QAM	1	1		20.13		5	21.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	25.05	25.15	25.03	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	25.09	25.18	25.01	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	25.06	25.09	25.05	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	25.01	25.06	25.03	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	25.11	25.16	25.09	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	25.02	25.01	24.99	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	25.01	25.03	24.98	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27O_n77 (SCS 30kHz)_Ant7(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	24.73	25.09	25.12	0	26.5
		1	137	24.65	25.07	24.97	0	26.5
		1	271	24.74	25.10	24.92	0	26.5
		135	0	23.79	23.97	24.03	1	25.5
		135	69	24.62	25.01	24.91	0	26.5
		135	138	23.68	24.09	23.86	1	25.5
		270	0	23.82	24.01	23.99	1	25.5
	QPSK	1	1	**24.78**	**25.14**	**25.11**	0	26.5
		1	137	24.63	25.09	24.95	0	26.5
		1	271	24.74	25.12	24.96	0	26.5
		135	0	23.80	23.98	24.05	1	25.5
		135	69	**24.64**	**25.03**	**24.92**	0	26.5
		135	138	23.79	24.18	23.93	1	25.5
		270	0	23.86	**24.03**	24.01	1	25.5
	16QAM	1	1	23.83	24.11	23.93	1	25.5
	64QAM	1	1	21.95	22.24	22.24	3	23.5
	256QAM	1	1	19.81	20.15	20.08	5	21.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	25.08	25.09	25.11	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	25.09	25.09	25.02	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	25.08	25.11	25.06	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	25.12	25.03	25.01	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	25.08	25.09	25.05	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	25.06	25.11	24.99	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	25.09	25.06	24.93	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		

Part27Q_n77 (SCS 30kHz)_Ant7(HPUE) For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		20.65		0	22.0
		1	137		20.44		0	26.5
		1	271		20.61		0	26.5
		135	0		20.52		1	25.5
		135	69		20.62		0	26.5
		135	138		20.51		1	25.5
		270	0		20.57		1	25.5
	QPSK	1	1		**20.78**		0	26.5
		1	137		20.52		0	26.5
		1	271		20.64		0	26.5
		135	0		20.68		1	25.5
		135	69		**20.75**		0	26.5
		135	138		20.67		1	25.5
		270	0		**20.69**		1	25.5
	16QAM	1	1		20.51		1	25.5
	64QAM	1	1		20.65		3	23.5
	256QAM	1	1		20.29		5	21.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	20.52	20.70	20.47	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	20.56	20.74	20.54	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	20.62	20.67	20.71	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	20.48	20.61	20.21	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	20.62	20.58	20.65	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	20.64	20.72	20.62	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	20.57	20.74	20.64	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27O_n77 (SCS 30kHz)_Ant7(HPUE) For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	20.81	20.59	20.72	0	22.0
		1	137	20.65	20.73	20.56	0	26.5
		1	271	20.67	20.75	20.74	0	26.5
		135	0	20.78	20.69	20.67	1	25.5
		135	69	20.64	20.75	20.64	0	26.5
		135	138	20.73	20.63	20.60	1	25.5
		270	0	20.76	20.61	20.67	1	25.5
	QPSK	1	1	**20.78**	**20.85**	**20.82**	0	26.5
		1	137	20.73	20.75	20.47	0	26.5
		1	271	20.63	20.70	20.36	0	26.5
		135	0	20.70	20.73	20.75	1	25.5
		135	69	**20.75**	**20.83**	**20.82**	0	26.5
		135	138	20.71	20.78	20.73	1	25.5
		270	0	20.69	**20.80**	20.71	1	25.5
	16QAM	1	1	20.61	20.78	20.54	1	25.5
	64QAM	1	1	20.62	20.78	20.75	3	23.5
	256QAM	1	1	20.23	20.27	20.42	5	21.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	20.63	20.67	20.47	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	20.54	20.66	20.51	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	20.66	20.76	20.68	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	20.61	20.70	20.44	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	20.60	20.56	20.24	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	20.71	20.75	20.68	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	20.64	20.74	20.61	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		

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Part27Q_n78 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		13.26		0	14.5
		1	137		13.30		0	14.5
		1	271		13.28		0	14.5
		135	0		13.22		0	14.5
		135	69		13.27		0	14.5
		135	138		13.27		0	14.5
		270	0		13.22		0	14.5
	QPSK	1	1		**13.38**		0	14.5
		1	137		13.18		0	14.5
		1	271		13.24		0	14.5
		135	0		13.30		0	14.5
		135	69		**13.35**		0	14.5
		135	138		13.21		0	14.5
		270	0		**13.33**		0	14.5
	16QAM	1	1		13.23		0	14.5
	64QAM	1	1		13.27		0	14.5
	256QAM	1	1		13.24		0	14.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.17	13.22	13.30	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	13.08	13.23	13.27	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.15	13.20	13.34	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	13.16	13.16	13.28	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.13	13.29	13.20	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.06	13.15	13.21	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.17	13.16	13.28	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27Q_n78 (SCS 30kHz)_Ant1 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		10.04		0	11.0
		1	137		9.84		0	11.0
		1	271		9.96		0	11.0
		135	0		9.86		0	11.0
		135	69		9.89		0	11.0
		135	138		9.89		0	11.0
		270	0		9.97		0	11.0
	QPSK	1	1		**10.05**		0	11.0
		1	137		9.65		0	11.0
		1	271		9.59		0	11.0
		135	0		9.99		0	11.0
		135	69		**10.02**		0	11.0
		135	138		9.95		0	11.0
		270	0		**9.97**		0	11.0
	16QAM	1	1		9.85		0	11.0
	64QAM	1	1		10.00		0	11.0
	256QAM	1	1		9.96		0	11.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	9.91	9.79	9.73	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	9.89	9.95	9.82	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	9.90	9.83	9.77	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	9.88	9.84	9.80	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	9.85	9.81	9.85	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	9.94	9.66	9.95	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	9.86	10.03	9.95	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27Q_n78 (SCS 30kHz)_Ant1(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		14.83		0	16.5
		1	137		14.80		0	14.5
		1	271		14.83		0	14.5
		135	0		14.86		0	14.5
		135	69		14.79		0	14.5
		135	138		14.81		0	14.5
		270	0		14.84		0	14.5
	QPSK	1	1		**14.96**		0	14.5
		1	137		14.79		0	14.5
		1	271		14.83		0	14.5
		135	0		14.87		0	14.5
		135	69		**14.94**		0	14.5
		135	138		14.83		0	14.5
		270	0		**14.91**		0	14.5
	16QAM	1	1		14.82		0	14.5
	64QAM	1	1		14.86		0	14.5
	256QAM	1	1		14.78		0	14.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	14.55	14.79	14.85	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	14.62	14.74	14.65	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	14.54	14.89	14.79	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	14.76	14.86	14.79	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	14.58	14.79	14.75	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	14.66	14.78	14.83	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	14.54	14.79	14.79	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27Q_n78 (SCS 30kHz)_Ant1(HPUE) For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		11.29		0	13.0
		1	137		11.45		0	11.0
		1	271		11.56		0	11.0
		135	0		11.39		0	11.0
		135	69		11.44		0	11.0
		135	138		11.40		0	11.0
		270	0		11.32		0	11.0
	QPSK	1	1		**11.61**		0	11.0
		1	137		11.52		0	11.0
		1	271		11.45		0	11.0
		135	0		11.43		0	11.0
		135	69		**11.56**		0	11.0
		135	138		11.52		0	11.0
		270	0		**11.59**		0	11.0
	16QAM	1	1		11.60		0	11.0
	64QAM	1	1		11.48		0	11.0
	256QAM	1	1		11.39		0	11.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	11.42	11.25	11.49	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	11.30	11.53	11.39	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	11.39	11.34	11.30	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	11.36	11.47	11.51	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	11.28	11.39	11.32	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	11.36	11.49	11.45	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	11.38	11.27	11.32	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

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Part27Q_n78 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		12.43		0	13.0
		1	137		12.40		0	13.0
		1	271		12.32		0	13.0
		135	0		12.40		0	13.0
		135	69		12.40		0	13.0
		135	138		12.33		0	13.0
		270	0		12.43		0	13.0
	QPSK	1	1		12.52		0	13.0
		1	137		12.34		0	13.0
		1	271		12.33		0	13.0
		135	0		12.40		0	13.0
		135	69		12.50		0	13.0
		135	138		12.34		0	13.0
		270	0		12.47		0	13.0
	16QAM	1	1		12.38		0	13.0
	64QAM	1	1		12.37		0	13.0
	256QAM	1	1		12.44		0	13.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	12.31	12.22	12.43	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	12.32	12.30	12.45	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	12.25	12.32	12.51	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	12.23	12.37	12.30	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	12.32	12.35	12.45	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	12.15	12.39	12.38	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	12.23	12.33	12.37	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27Q_n78 (SCS 30kHz)_Ant2(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		13.92		0	15.0
		1	137		13.91		0	15.0
		1	271		13.93		0	15.0
		135	0		13.92		0	15.0
		135	69		13.86		0	15.0
		135	138		13.93		0	15.0
		270	0		13.88		0	15.0
	QPSK	1	1		14.06		0	15.0
		1	137		13.91		0	15.0
		1	271		13.98		0	15.0
		135	0		13.90		0	15.0
		135	69		14.04		0	15.0
		135	138		13.95		0	15.0
		270	0		14.01		0	15.0
	16QAM	1	1		13.88		0	15.0
	64QAM	1	1		13.87		0	15.0
	256QAM	1	1		13.93		0	15.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.91	13.89	14.06	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	13.94	13.98	13.93	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.79	13.89	14.00	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	13.90	14.02	14.04	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.99	13.86	14.03	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.80	13.77	13.97	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.97	13.97	13.97	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27Q_n78 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		17.44		0	18.0
		1	137		17.39		0	13.0
		1	271		17.38		0	13.0
		135	0		17.47		0	13.0
		135	69		17.41		0	13.0
		135	138		17.44		0	13.0
		270	0		17.38		0	13.0
	QPSK	1	1		17.56		0	13.0
		1	137		17.37		0	13.0
		1	271		17.46		0	13.0
		135	0		17.42		0	13.0
		135	69		17.54		0	13.0
		135	138		17.37		0	13.0
		270	0		17.51		0	13.0
	16QAM	1	1		17.36		0	13.0
	64QAM	1	1		17.38		0	13.0
	256QAM	1	1		17.37		0	13.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	17.25	17.29	17.50	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	17.40	17.35	17.49	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	17.22	17.40	17.41	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	17.37	17.40	17.55	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	17.32	17.42	17.33	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	17.21	17.34	17.41	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	17.44	17.35	17.33	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27Q_n78 (SCS 30kHz)_Ant3 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		14.15		0	14.5
		1	137		13.95		0	15.0
		1	271		14.04		0	15.0
		135	0		13.95		0	15.0
		135	69		13.90		0	15.0
		135	138		14.00		0	15.0
		270	0		14.09		0	15.0
	QPSK	1	1		14.18		0	15.0
		1	137		13.74		0	15.0
		1	271		13.72		0	15.0
		135	0		14.08		0	15.0
		135	69		14.16		0	15.0
		135	138		13.98		0	15.0
		270	0		14.00		0	15.0
	16QAM	1	1		13.90		0	15.0
	64QAM	1	1		14.11		0	15.0
	256QAM	1	1		14.03		0	15.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.87	13.92	13.94	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	14.03	13.89	13.80	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.94	14.12	14.11	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	14.04	13.93	14.03	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.91	14.13	13.83	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.88	13.99	13.92	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.87	13.93	14.10	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

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Part27Q_n78 (SCS 30kHz)_Ant3(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		19.13		0	20.0
		1	137		19.16		0	20.0
		1	271		19.11		0	20.0
		135	0		19.20		0	20.0
		135	69		19.10		0	20.0
		135	138		19.17		0	20.0
		270	0		19.17		0	20.0
	QPSK	1	1		**19.28**		0	20.0
		1	137		19.17		0	20.0
		1	271		19.17		0	20.0
		135	0		19.09		0	20.0
		135	69		**19.25**		0	20.0
		135	138		19.11		0	20.0
		270	0		**19.22**		0	20.0
	16QAM	1	1		19.16		0	20.0
	64QAM	1	1		19.09		0	20.0
	256QAM	1	1		19.17		0	20.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	19.06	19.14	19.23	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	19.21	19.15	19.23	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	19.15	19.01	19.25	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	19.20	19.00	19.24	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	19.20	19.04	19.12	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	19.22	19.14	19.15	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	19.16	19.08	19.14	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27Q_n78 (SCS 30kHz)_Ant3(HPUE) For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		15.93		0	16.5
		1	137		15.71		0	16.5
		1	271		15.93		0	16.5
		135	0		15.72		0	16.5
		135	69		15.79		0	16.5
		135	138		15.78		0	16.5
		270	0		15.92		0	16.5
	QPSK	1	1		**16.05**		0	16.5
		1	137		15.50		0	16.5
		1	271		15.61		0	16.5
		135	0		15.95		0	16.5
		135	69		**16.01**		0	16.5
		135	138		15.80		0	16.5
		270	0		**15.88**		0	16.5
	16QAM	1	1		15.71		0	16.5
	64QAM	1	1		16.00		0	16.5
	256QAM	1	1		16.03		0	16.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	15.80	15.82	15.75	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	15.82	15.99	16.02	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	16.02	15.94	15.71	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	15.82	15.94	15.78	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	15.78	15.89	15.59	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	15.88	15.91	15.69	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	15.99	15.94	16.00	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27Q_n78 (SCS 30kHz)_Ant7(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		25.23		0	26.5
		1	137		24.97		0	26.5
		1	271		25.22		0	26.5
		135	0		24.09		0.5	26.0
		135	69		24.96		0	26.5
		135	138		24.17		0.5	26.0
		270	0		24.25		0.5	26.0
	QPSK	1	1		**25.25**		0	26.5
		1	137		25.02		0	26.5
		1	271		25.24		0	26.5
		135	0		24.18		1	25.5
		135	69		**25.05**		0	26.5
		135	138		24.22		1	25.5
		270	0		**24.24**		1	25.5
	16QAM	1	1		24.45		1	25.5
	64QAM	1	1		22.44		2.5	24.0
	256QAM	1	1		20.28		4.5	22.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	25.19	25.21	25.12	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	25.16	25.24	25.15	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	25.15	25.19	25.07	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	25.13	25.16	25.17	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	25.14	25.18	25.16	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	25.06	25.09	25.18	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	25.09	25.13	25.15	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27Q_n78 (SCS 30kHz)_Ant7

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		23.44		0	24.5
		1	137		23.43		0	20.0
		1	271		23.26		0	20.0
		135	0		23.42		0	20.0
		135	69		23.32		0	20.0
		135	138		23.42		0	20.0
		270	0		23.31		0	20.0
	QPSK	1	1		**23.45**		0	20.0
		1	137		23.25		0	20.0
		1	271		23.39		0	20.0
		135	0		23.34		0	20.0
		135	69		**23.39**		0	20.0
		135	138		23.32		0	20.0
		270	0		**23.34**		0	20.0
	16QAM	1	1		23.42		0	20.0
	64QAM	1	1		23.20		0	20.0
	256QAM	1	1		21.49		0	20.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	23.16	23.24	23.06	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	23.02	23.10	23.26	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	23.22	23.10	23.07	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	23.25	23.06	23.01	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	23.15	23.19	22.75	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	23.16	23.02	23.12	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	23.14	23.13	23.21	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27Q_n78 (SCS 30kHz)_Ant7 For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		19.01		0	20.0
		1	137		18.79		0	16.5
		1	271		18.94		0	16.5
		135	0		18.67		0	16.5
		135	69		18.88		0	16.5
		135	138		18.79		0	16.5
		270	0		18.91		0	16.5
	QPSK	1	1		**19.04**		0	16.5
		1	137		18.48		0	16.5
		1	271		18.68		0	16.5
		135	0		18.76		0	16.5
		135	69		**18.95**		0	16.5
		135	138		18.75		0	16.5
		270	0		**18.93**		0	16.5
	16QAM	1	1		18.67		0	16.5
	64QAM	1	1		18.98		0	16.5
	256QAM	1	1		18.97		0	16.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	18.87	18.83	18.89	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	18.98	18.91	18.58	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	18.70	18.74	18.69	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	18.79	18.79	18.93	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	18.87	18.80	18.98	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	18.91	18.93	18.63	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	18.89	18.91	18.56	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

Part27Q_n78 (SCS 30kHz)_Ant7(HPUE) For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		20.72		0	22.0
		1	137		20.53		0	26.5
		1	271		20.72		0	26.5
		135	0		20.77		0.5	26.0
		135	69		20.63		0	26.5
		135	138		20.71		0.5	26.0
		270	0		20.71		0.5	26.0
	QPSK	1	1		**20.85**		0	26.5
		1	137		20.68		0	26.5
		1	271		20.57		0	26.5
		135	0		20.74		1	25.5
		135	69		**20.79**		0	26.5
		135	138		20.72		1	25.5
		270	0		**20.59**		1	25.5
	16QAM	1	1		20.51		1	25.5
	64QAM	1	1		20.47		2.5	24.0
	256QAM	1	1		20.52		4.5	22.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	20.74	20.78	20.43	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	20.64	20.42	20.68	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	20.59	20.79	20.78	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	20.72	20.59	20.56	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	20.48	20.75	20.66	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	20.37	20.54	20.74	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	20.46	20.52	20.76	0	26.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		

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n2 (SCS 15kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		374000	376000	378000		
		Frequence (MHz)		1870	1880	1890		
40	PI/2 BPSK	1	1	20.39	20.44	20.22	0	22.0
		1	108	20.43	20.40	20.22	0	22.0
		1	214	20.03	20.34	20.21	0	22.0
		108	0	20.27	20.24	20.17	0	22.0
		108	54	20.37	20.30	20.37	0	22.0
		108	108	20.01	20.40	20.28	0	22.0
		216	0	20.26	20.34	20.04	0	22.0
	QPSK	1	1	**20.45**	**20.49**	**20.40**	0	22.0
		1	108	20.21	20.45	20.32	0	22.0
		1	214	20.33	20.43	20.25	0	22.0
		108	0	20.41	20.38	20.35	0	22.0
		108	54	**20.42**	**20.46**	**20.37**	0	22.0
		108	108	20.20	20.23	20.25	0	22.0
		216	0	20.35	**20.45**	20.41	0	22.0
	16QAM	1	1	20.05	20.34	20.22	0	22.0
	64QAM	1	1	20.15	20.26	20.22	0	22.0
	256QAM	1	1	18.66	18.68	18.64	1.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		373500	376000	378500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1867.5	1880	1892.5		
35	QPSK	1	1	20.24	20.42	20.38	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		373000	376000	379000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1865	1880	1895		
30	QPSK	1	1	20.27	20.35	20.41	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		372500	376000	379500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1862.5	1880	1897.5		
25	QPSK	1	1	20.45	20.45	20.36	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		372000	376000	380000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1860	1880	1900		
20	QPSK	1	1	20.41	20.28	20.27	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5		
15	QPSK	1	1	20.29	20.32	20.41	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1855	1880	1905		
10	QPSK	1	1	20.26	20.39	20.29	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5		
5	QPSK	1	1	20.37	20.38	20.26	0	22.0

n2 (SCS 15kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		374000	376000	378000		
		Frequence (MHz)		1870	1880	1890		
40	PI/2 BPSK	1	1	21.30	21.44	21.45	0	22.5
		1	108	21.14	21.04	20.94	0	22.5
		1	214	21.07	21.11	21.02	0	22.5
		108	0	21.38	21.34	21.50	0	22.5
		108	54	21.16	21.15	20.99	0	22.5
		108	108	21.05	21.18	21.11	0	22.5
		216	0	21.20	21.40	21.10	0	22.5
	QPSK	1	1	**21.42**	**21.55**	**21.54**	0	22.5
		1	108	21.28	21.22	21.14	0	22.5
		1	214	21.13	21.25	21.21	0	22.5
		108	0	21.06	21.13	21.09	0	22.5
		108	54	**21.38**	**21.54**	**21.50**	0	22.5
		108	108	21.20	21.26	21.28	0	22.5
		216	0	21.13	**21.49**	21.26	0	22.5
	16QAM	1	1	21.16	21.30	21.06	0	22.5
	64QAM	1	1	21.30	21.21	21.11	0	22.5
	256QAM	1	1	19.27	19.35	19.24	2	20.5
BW [MHz]	DFT-s-OFDM	Channel		373500	376000	378500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1867.5	1880	1892.5		
35	QPSK	1	1	21.33	21.44	21.41	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		373000	376000	379000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1865	1880	1895		
30	QPSK	1	1	21.43	21.46	21.48	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		372500	376000	379500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1862.5	1880	1897.5		
25	QPSK	1	1	21.35	21.39	21.43	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		372000	376000	380000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1860	1880	1900		
20	QPSK	1	1	21.41	21.45	21.51	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5		
15	QPSK	1	1	21.36	21.47	21.41	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1855	1880	1905		
10	QPSK	1	1	21.32	21.43	21.41	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5		
5	QPSK	1	1	21.32	21.36	21.44	0	22.5

n5 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			167300			
		Frequence (MHz)			836.5			
25	PI/2 BPSK	1	1		**25.22**		0	25.5
		1	67		25.16		0	22.0
		1	131		25.05		0	22.0
		64	0		24.49		0	22.0
		64	35		25.15		0	22.0
		64	69		24.56		0	22.0
		128	0		24.66		0	22.0
	QPSK	1	1		**25.22**		0	22.0
		1	67		25.12		0	22.0
		1	131		25.14		0	22.0
		64	0		24.18		0	22.0
		64	35		**25.07**		0	22.0
		64	69		24.15		0	22.0
		128	0		**24.24**		0	22.0
	16QAM	1	1		24.30		0	22.0
	64QAM	1	1		22.25		0	22.0
	256QAM	1	1		20.01		1.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		166800	167300	167800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		834	836.5	839		
20	QPSK	1	1	24.98	25.10	24.98	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5		
15	QPSK	1	1	25.10	25.14	25.06	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		829	836.5	844		
10	QPSK	1	1	25.11	25.11	25.07	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5		
5	QPSK	1	1	25.08	25.15	25.02	0	22.0

n5 (SCS 15kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			167300			
		Frequence (MHz)			836.5			
25	PI/2 BPSK	1	1		20.58		0	21.5
		1	67		20.36		0	22.5
		1	131		20.48		0	22.5
		64	0		20.48		0	22.5
		64	35		20.33		0	22.5
		64	69		20.47		0	22.5
		128	0		20.43		0	22.5
	QPSK	1	1		**20.65**		0	22.5
		1	67		20.57		0	22.5
		1	131		20.59		0	22.5
		64	0		20.51		0	22.5
		64	35		**20.55**		0	22.5
		64	69		20.25		0	22.5
		128	0		**20.38**		0	22.5
	16QAM	1	1		20.49		0	22.5
	64QAM	1	1		20.54		0	22.5
	256QAM	1	1		20.12		2	20.5
BW [MHz]	DFT-s-OFDM	Channel		166800	167300	167800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		834	836.5	839		
20	QPSK	1	1	20.24	20.41	20.34	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5		
15	QPSK	1	1	20.32	20.42	20.54	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		829	836.5	844		
10	QPSK	1	1	20.46	20.43	20.31	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5		
5	QPSK	1	1	20.48	20.47	20.56	0	22.5

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n7 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	PI/2 BPSK	1	1	20.31	20.37	20.28	0	22.0
		1	135	20.27	20.35	20.41	0	22.0
		1	268	20.33	20.21	20.34	0	22.0
		135	0	20.19	20.27	20.31	0	22.0
		135	68	20.35	20.18	20.38	0	22.0
		135	135	20.30	20.10	20.15	0	22.0
		270	0	20.27	20.32	20.25	0	22.0
	QPSK	1	1	**20.27**	**20.43**	**20.40**	0	22.0
		1	135	20.15	20.34	20.25	0	22.0
		1	268	20.12	20.20	20.33	0	22.0
		135	0	20.26	20.18	20.23	0	22.0
		135	68	**20.33**	**20.35**	**20.29**	0	22.0
		135	135	20.12	20.09	20.25	0	22.0
		270	0	20.15	**20.23**	20.17	0	22.0
	16QAM	1	1	20.29	20.14	20.13	0	22.0
	64QAM	1	1	20.27	20.30	20.14	0	22.0
	256QAM	1	1	18.87	18.94	18.86	1.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	20.27	20.09	20.26	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	20.15	20.23	20.30	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	20.31	20.09	20.28	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	20.16	20.15	20.09	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	20.26	20.39	20.27	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	20.11	20.07	20.28	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	20.32	20.26	20.17	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	20.19	20.16	20.05	0	22.0

n7 (SCS 15kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	PI/2 BPSK	1	1	18.54	18.62	18.63	0	19.0
		1	135	18.47	18.37	18.48	0	19.0
		1	268	18.46	18.57	18.59	0	19.0
		135	0	18.45	18.42	18.58	0	19.0
		135	68	18.36	18.68	18.41	0	19.0
		135	135	18.68	18.30	18.57	0	19.0
		270	0	18.62	18.68	18.57	0	19.0
	QPSK	1	1	**18.69**	**18.65**	**18.63**	0	19.0
		1	135	18.64	18.57	18.57	0	19.0
		1	268	18.62	18.63	18.61	0	19.0
		135	0	18.52	18.46	18.32	0	19.0
		135	68	**18.54**	**18.49**	**18.46**	0	19.0
		135	135	18.47	18.45	18.40	0	19.0
		270	0	**18.56**	18.33	18.35	0	19.0
	16QAM	1	1	18.59	18.47	18.67	0	19.0
	64QAM	1	1	18.65	18.41	18.61	0	19.0
	256QAM	1	1	18.61	18.46	18.68	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	18.55	18.34	18.44	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	18.59	18.16	18.45	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	18.41	18.50	18.61	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	18.63	18.61	18.45	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	18.59	18.55	18.48	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	18.53	18.28	18.25	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	18.60	18.35	18.47	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	18.46	18.32	18.62	0	19.0

C								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	PI/2 BPSK	1	1	20.60	20.79	20.62	0	21.5
		1	135	20.74	20.75	20.76	0	22.0
		1	268	20.55	20.76	20.77	0	22.0
		135	0	20.75	20.74	20.72	0	22.0
		135	68	20.70	20.78	20.77	0	22.0
		135	135	20.67	20.73	20.67	0	22.0
		270	0	20.65	20.63	20.77	0	22.0
	QPSK	1	1	**20.76**	**20.82**	**20.78**	0	22.0
		1	135	20.60	20.74	20.61	0	22.0
		1	268	20.73	20.66	20.73	0	22.0
		135	0	20.67	20.65	20.63	0	22.0
		135	68	**20.68**	**20.72**	**20.66**	0	22.0
		135	135	20.56	20.49	20.58	0	22.0
		270	0	20.71	**20.76**	20.75	0	22.0
	16QAM	1	1	20.65	20.56	20.49	0	22.0
	64QAM	1	1	20.75	20.76	20.63	0	22.0
	256QAM	1	1	20.12	20.28	20.17	1.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	20.41	20.67	20.63	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	20.54	20.65	20.57	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	20.65	20.55	20.63	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	20.71	20.60	20.53	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	20.73	20.49	20.66	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	20.61	20.52	20.41	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	20.52	20.75	20.59	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	20.66	20.61	20.57	0	22.0

n7 (SCS 15kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	PI/2 BPSK	1	1	17.95	17.98	18.08	0	19.5
		1	135	18.07	17.69	17.94	0	19.0
		1	268	17.90	17.95	17.91	0	19.0
		135	0	17.87	17.77	17.93	0	19.0
		135	68	17.75	18.04	17.79	0	19.0
		135	135	18.01	17.76	17.90	0	19.0
		270	0	17.95	18.14	18.00	0	19.0
	QPSK	1	1	**18.09**	**18.15**	**18.07**	0	19.0
		1	135	18.02	18.08	17.96	0	19.0
		1	268	17.99	18.10	17.98	0	19.0
		135	0	17.83	18.06	17.91	0	19.0
		135	68	**17.95**	**18.09**	**18.05**	0	19.0
		135	135	17.81	17.89	17.86	0	19.0
		270	0	17.83	**17.91**	17.74	0	19.0
	16QAM	1	1	18.02	17.82	18.05	0	19.0
	64QAM	1	1	18.00	17.82	18.01	0	19.0
	256QAM	1	1	17.94	17.81	18.02	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	17.89	17.82	17.77	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	17.91	17.64	17.85	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	17.87	17.93	17.87	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	17.81	17.97	17.95	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	17.92	17.75	17.93	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	17.85	17.70	17.88	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	17.83	17.88	17.89	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	17.60	17.98	17.65	0	19.0

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n38 (SCS 30kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	PI/2 BPSK	1	1	20.47	20.59	20.50	0	22.0
		1	53	20.51	20.57	20.52	0	22.0
		1	104	20.48	20.44	20.53	0	22.0
		50	0	20.43	20.46	20.45	0	22.0
		50	28	20.49	20.40	20.49	0	22.0
		50	56	20.42	20.27	20.36	0	22.0
		100	0	20.37	20.43	20.38	0	22.0
	QPSK	1	1	**20.46**	**20.64**	**20.59**	0	22.0
		1	53	20.32	20.58	20.40	0	22.0
		1	104	20.32	20.36	20.47	0	22.0
		50	0	20.46	20.32	20.39	0	22.0
		50	28	**20.48**	**20.52**	**20.48**	0	22.0
		50	56	20.30	20.26	20.36	0	22.0
		100	0	20.31	**20.45**	20.31	0	22.0
	16QAM	1	1	20.39	20.29	20.27	0	22.0
	64QAM	1	1	20.44	20.47	20.33	0	22.0
	256QAM	1	1	18.67	18.74	18.66	1.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	20.40	20.36	20.41	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	20.41	20.47	20.46	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	20.41	20.15	20.25	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	20.43	20.50	20.57	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	20.30	20.55	20.26	0	22.0

n38 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	PI/2 BPSK	1	1	19.22	19.40	19.45	0	20.0
		1	53	19.36	19.07	19.37	0	20.0
		1	104	19.19	19.23	19.27	0	20.0
		50	0	19.19	19.14	19.37	0	20.0
		50	28	19.09	19.41	19.05	0	20.0
		50	56	19.43	19.08	19.21	0	20.0
		100	0	19.36	19.46	19.28	0	20.0
	QPSK	1	1	**19.41**	**19.53**	**19.37**	0	20.0
		1	53	19.37	19.48	19.24	0	20.0
		1	104	19.28	19.47	19.33	0	20.0
		50	0	19.15	19.33	19.25	0	20.0
		50	28	**19.34**	**19.42**	**19.38**	0	20.0
		50	56	19.18	19.32	19.24	0	20.0
		100	0	19.27	**19.29**	19.01	0	20.0
	16QAM	1	1	19.31	19.11	19.32	0	20.0
	64QAM	1	1	19.33	19.16	19.29	0	20.0
	256QAM	1	1	19.22	19.10	19.39	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	19.24	19.43	19.20	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	19.29	19.49	19.25	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	19.25	19.35	19.11	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	19.23	19.40	19.20	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	19.22	19.36	19.33	0	20.0

n38 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	PI/2 BPSK	1	1	20.34	20.37	20.33	0	21.5
		1	53	20.28	20.29	20.29	0	22.0
		1	104	20.18	20.14	20.22	0	22.0
		50	0	20.15	20.40	20.34	0	22.0
		50	28	20.35	20.31	20.20	0	22.0
		50	56	20.33	20.27	20.37	0	22.0
		100	0	20.25	20.44	20.26	0	22.0
	QPSK	1	1	**20.33**	**20.49**	**20.35**	0	22.0
		1	53	20.27	20.34	20.23	0	22.0
		1	104	20.26	20.32	20.18	0	22.0
		50	0	20.32	20.22	20.20	0	22.0
		50	28	**20.37**	**20.41**	**20.35**	0	22.0
		50	56	20.16	20.25	20.16	0	22.0
		100	0	20.20	**20.39**	20.18	0	22.0
	16QAM	1	1	20.24	20.34	20.21	0	22.0
	64QAM	1	1	20.26	20.37	20.20	0	22.0
	256QAM	1	1	20.16	20.21	20.11	1.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	20.24	20.16	20.25	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	20.30	20.37	20.23	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	20.24	20.28	20.30	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	20.37	20.24	20.26	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	20.29	20.33	20.24	0	22.0

n38 (SCS 30kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	PI/2 BPSK	1	1	18.39	18.53	18.49	0	19.5
		1	53	18.40	18.45	18.31	0	20.0
		1	104	18.20	18.21	18.32	0	20.0
		50	0	18.17	18.44	18.42	0	20.0
		50	28	18.39	18.38	18.34	0	20.0
		50	56	18.35	18.40	18.49	0	20.0
		100	0	18.31	18.48	18.37	0	20.0
	QPSK	1	1	**18.58**	**18.52**	**18.51**	0	20.0
		1	53	18.39	18.45	18.38	0	20.0
		1	104	18.34	18.42	18.27	0	20.0
		50	0	18.35	18.24	18.32	0	20.0
		50	28	**18.51**	**18.42**	**18.39**	0	20.0
		50	56	18.21	18.31	18.21	0	20.0
		100	0	**18.43**	18.41	18.20	0	20.0
	16QAM	1	1	18.36	18.50	18.28	0	20.0
	64QAM	1	1	18.35	18.49	18.31	0	20.0
	256QAM	1	1	18.47	18.43	18.45	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	18.28	18.42	18.22	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	18.31	18.25	18.36	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	18.27	18.29	18.23	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	18.46	18.40	18.36	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	18.38	18.32	18.05	0	20.0

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n41 (SCS 30kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	21.22	21.40	21.35	0	22.5
		1	137	21.40	21.30	21.38	0	22.5
		1	271	21.40	21.17	21.23	0	22.5
		135	0	21.33	21.22	21.34	0	22.5
		135	69	21.28	21.29	21.35	0	22.5
		135	138	21.19	21.07	21.17	0	22.5
		270	0	21.23	21.22	21.25	0	22.5
	QPSK	1	1	**21.45**	**21.37**	**21.29**	0	22.5
		1	137	21.11	21.26	21.23	0	22.5
		1	271	21.08	21.14	21.15	0	22.5
		135	0	21.40	21.15	21.20	0	22.5
		135	69	**21.41**	**21.26**	**21.31**	0	22.5
		135	138	21.10	21.06	21.12	0	22.5
		270	0	**21.27**	21.18	21.23	0	22.5
	16QAM	1	1	21.14	21.01	21.06	0	22.5
	64QAM	1	1	20.76	20.88	20.81	0	22.5
	256QAM	1	1	18.61	18.77	18.64	2	20.5
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	21.29	21.17	21.37	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	21.37	21.10	21.20	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	21.30	21.09	21.30	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	21.07	20.95	21.11	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	21.15	21.09	21.14	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	21.32	21.31	21.18	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	21.24	21.11	21.22	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	21.21	21.03	21.08	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	21.37	21.10	21.21	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	21.28	21.19	21.27	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	21.19	21.19	21.21	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	21.27	21.07	21.10	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	21.26	21.10	21.06	0	22.5

n41 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	20.47	20.51	20.53	0	21.0
		1	137	20.46	20.57	20.55	0	21.0
		1	271	20.38	20.56	20.56	0	21.0
		135	0	20.39	20.53	20.47	0	21.0
		135	69	20.57	20.45	20.41	0	21.0
		135	138	20.47	20.47	20.53	0	21.0
		270	0	20.43	20.51	20.42	0	21.0
	QPSK	1	1	**20.61**	**20.57**	**20.55**	0	21.0
		1	137	20.45	20.54	20.35	0	21.0
		1	271	20.56	20.41	20.48	0	21.0
		135	0	20.49	20.44	20.41	0	21.0
		135	69	**20.55**	**20.47**	**20.53**	0	21.0
		135	138	20.40	20.26	20.42	0	21.0
		270	0	**20.51**	20.36	20.49	0	21.0
	16QAM	1	1	20.55	20.46	20.29	0	21.0
	64QAM	1	1	20.54	20.56	20.47	0	21.0
	256QAM	1	1	20.21	19.96	19.76	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	20.34	20.48	20.41	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	20.44	20.42	20.54	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	20.36	20.49	20.55	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	20.30	20.51	20.41	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	20.42	20.32	20.34	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	20.30	20.41	20.28	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	20.41	20.43	20.29	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	20.42	20.40	20.39	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	20.27	20.22	20.28	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	20.40	20.31	20.14	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	20.40	20.47	20.41	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	20.46	20.48	20.42	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	20.35	20.42	20.40	0	21.0

n41 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	20.24	20.36	20.35	0	21.0
		1	137	20.33	20.36	20.36	0	22.5
		1	271	20.27	20.34	20.36	0	22.5
		135	0	20.23	20.33	20.37	0	22.5
		135	69	20.33	20.27	20.34	0	22.5
		135	138	20.32	20.30	20.39	0	22.5
		270	0	20.22	20.21	20.28	0	22.5
	QPSK	1	1	**20.35**	**20.39**	**20.31**	0	22.5
		1	137	20.28	20.31	20.29	0	22.5
		1	271	20.27	20.37	20.26	0	22.5
		135	0	20.21	20.21	20.21	0	22.5
		135	69	**20.25**	**20.38**	**20.29**	0	22.5
		135	138	20.17	20.10	20.26	0	22.5
		270	0	20.27	**20.35**	20.31	0	22.5
	16QAM	1	1	20.33	20.26	20.07	0	22.5
	64QAM	1	1	20.32	20.31	20.28	0	22.5
	256QAM	1	1	20.36	20.24	20.19	2	20.5
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	20.30	20.28	20.33	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	20.27	20.14	20.20	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	20.26	20.34	20.27	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	20.27	20.19	20.26	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	20.17	20.32	20.19	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	20.19	20.15	20.06	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	20.18	20.30	20.16	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	20.20	20.17	20.15	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	20.24	20.13	20.17	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	20.24	20.18	20.38	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	20.23	20.24	20.22	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	20.19	20.34	20.24	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	20.31	20.12	20.11	0	22.5

n41 (SCS 30kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	17.57	17.61	17.68	0	18.5
		1	137	17.66	17.65	17.65	0	21.0
		1	271	17.60	17.62	17.58	0	21.0
		135	0	17.57	17.55	17.70	0	21.0
		135	69	17.61	17.61	17.65	0	21.0
		135	138	17.66	17.64	17.61	0	21.0
		270	0	17.44	17.50	17.57	0	21.0
	QPSK	1	1	**17.72**	**17.69**	**17.65**	0	21.0
		1	137	17.51	17.55	17.56	0	21.0
		1	271	17.57	17.57	17.55	0	21.0
		135	0	17.42	17.42	17.47	0	21.0
		135	69	**17.64**	**17.58**	**17.60**	0	21.0
		135	138	17.38	17.41	17.53	0	21.0
		270	0	**17.63**	17.57	17.59	0	21.0
	16QAM	1	1	17.54	17.52	17.28	0	21.0
	64QAM	1	1	17.60	17.64	17.54	0	21.0
	256QAM	1	1	17.60	17.54	17.48	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	17.49	17.59	17.56	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	17.46	17.48	17.60	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	17.50	17.47	17.57	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	17.70	17.64	17.53	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	17.38	17.52	17.55	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	17.48	17.54	17.50	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	17.59	17.56	17.51	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	17.47	17.52	17.57	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	17.49	17.41	17.41	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	17.52	17.55	17.59	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	17.60	17.59	17.63	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	17.53	17.60	17.64	0	21.0
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	17.59	17.67	17.63	0	21.0

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n48 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	18.85	18.90	18.88	0	20.5
		1	53	18.83	18.69	18.86	0	20.5
		1	104	18.84	18.76	18.89	0	20.5
		50	0	18.70	18.75	18.85	0	20.5
		50	28	18.66	18.79	18.67	0	20.5
		50	56	18.82	18.64	18.77	0	20.5
		100	0	18.64	18.69	18.66	0	20.5
	QPSK	1	1	**19.05**	**18.95**	**18.93**	0	20.5
		1	53	18.90	18.85	18.91	0	20.5
		1	104	18.72	18.78	18.70	0	20.5
		50	0	18.95	18.80	18.83	0	20.5
		50	28	**19.02**	**18.91**	**18.90**	0	20.5
		50	56	18.88	18.75	18.78	0	20.5
		100	0	**18.98**	18.68	18.58	0	20.5
	16QAM	1	1	18.86	18.86	18.74	0	20.5
	64QAM	1	1	18.33	18.35	18.33	0.5	20.0
	256QAM	1	1	16.85	16.80	16.74	2	18.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	18.86	18.95	18.72	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	18.99	18.83	18.81	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	18.97	18.84	18.79	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	18.91	18.83	18.86	0	20.5

n48 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.17	20.76	21.11	0	22.5
		1	53	21.12	20.75	20.91	0	22.5
		1	104	20.93	20.75	20.79	0	22.5
		50	0	21.23	20.77	20.90	0	22.5
		50	28	21.27	20.89	21.06	0	22.5
		50	56	21.10	20.73	21.04	0	22.5
		100	0	21.05	20.92	20.86	0	22.5
	QPSK	1	1	**21.31**	**20.96**	**21.11**	0	22.5
		1	53	21.26	20.91	21.09	0	22.5
		1	104	21.05	20.93	21.00	0	22.5
		50	0	21.20	20.75	20.94	0	22.5
		50	28	**21.23**	**20.94**	**21.05**	0	22.5
		50	56	21.09	20.74	21.00	0	22.5
		100	0	**21.17**	20.90	20.92	0	22.5
	16QAM	1	1	21.30	20.94	21.08	0	22.5
	64QAM	1	1	19.72	19.61	19.65	1	21.5
	256QAM	1	1	18.27	18.16	18.21	3	19.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	21.20	20.88	20.91	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	21.12	20.85	21.10	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	21.23	20.88	21.07	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	21.17	20.93	21.10	0	22.5

n48 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	18.92	18.72	18.63	0	20.0
		1	53	18.79	18.53	18.61	0	20.5
		1	104	18.61	18.60	18.45	0	20.5
		50	0	18.90	18.70	18.67	0	20.5
		50	28	18.80	18.73	18.58	0	20.5
		50	56	18.74	18.52	18.73	0	20.5
		100	0	18.61	18.43	18.45	0	20.5
	QPSK	1	1	**18.95**	**18.74**	**18.76**	0	20.5
		1	53	18.83	18.60	18.74	0	20.5
		1	104	18.77	18.60	18.64	0	20.5
		50	0	18.84	18.66	18.66	0	20.5
		50	28	**18.92**	**18.71**	**18.73**	0	20.5
		50	56	18.75	18.60	18.54	0	20.5
		100	0	**18.90**	18.64	18.69	0	20.5
	16QAM	1	1	18.74	18.54	18.67	0	20.5
	64QAM	1	1	18.84	18.75	18.74	0.5	20.0
	256QAM	1	1	17.71	17.61	17.58	2	18.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	18.91	18.71	18.60	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	18.93	18.71	18.57	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	18.94	18.60	18.76	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	18.74	18.64	18.64	0	20.5

n48 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.45	17.27	17.46	0	18.0
		1	53	17.22	17.27	17.22	0	22.5
		1	104	17.48	17.50	17.27	0	22.5
		50	0	17.62	17.37	17.50	0	22.5
		50	28	17.28	17.38	17.31	0	22.5
		50	56	17.50	17.51	17.24	0	22.5
		100	0	17.48	17.31	17.43	0	22.5
	QPSK	1	1	**17.63**	**17.58**	**17.56**	0	22.5
		1	53	17.36	17.37	17.37	0	22.5
		1	104	17.58	17.56	17.43	0	22.5
		50	0	17.50	17.41	17.46	0	22.5
		50	28	**17.58**	**17.55**	**17.51**	0	22.5
		50	56	17.39	17.39	17.28	0	22.5
		100	0	**17.54**	17.52	17.50	0	22.5
	16QAM	1	1	17.30	17.32	17.21	0	22.5
	64QAM	1	1	17.39	17.46	17.39	1	21.5
	256QAM	1	1	17.44	17.33	17.54	3	19.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	17.45	17.32	17.55	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	17.58	17.37	17.39	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	17.52	17.30	17.36	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	17.60	17.31	17.47	0	22.5

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n66 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.09	21.12	20.99	0	22.0
		1	121	21.15	20.91	20.98	0	22.0
		1	240	21.06	21.12	21.11	0	22.0
		120	0	20.99	21.09	20.98	0	22.0
		120	61	21.01	20.95	20.99	0	22.0
		120	122	21.05	20.91	20.98	0	22.0
		240	0	20.85	21.22	21.25	0	22.0
	QPSK	1	1	**21.18**	**21.21**	**21.25**	0	22.0
		1	121	21.14	21.06	21.15	0	22.0
		1	240	21.06	21.20	21.20	0	22.0
		120	0	21.00	21.01	21.05	0	22.0
		120	61	**21.15**	**21.18**	**21.21**	0	22.0
		120	122	20.95	20.88	21.00	0	22.0
		240	0	21.02	21.03	**21.20**	0	22.0
	16QAM	1	1	20.95	20.93	20.98	0	22.0
	64QAM	1	1	20.17	20.15	20.23	0.5	21.5
	256QAM	1	1	18.68	18.72	18.77	2.5	19.5
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	20.97	21.09	21.19	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	20.99	21.01	21.19	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	21.03	20.96	21.03	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	21.13	20.94	21.09	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	20.91	21.11	21.02	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	20.92	21.08	21.16	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	21.05	20.97	21.06	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	21.05	21.11	21.01	0	22.0

n66 (SCS 15kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.66	21.67	21.65	0	22.5
		1	121	21.55	21.54	21.53	0	22.5
		1	240	21.41	21.56	21.46	0	22.5
		120	0	21.59	21.62	21.62	0	22.5
		120	61	21.56	21.68	21.57	0	22.5
		120	122	21.58	21.51	21.43	0	22.5
		240	0	21.58	21.60	21.56	0	22.5
	QPSK	1	1	**21.82**	**21.73**	**21.80**	0	22.5
		1	121	21.56	21.60	21.51	0	22.5
		1	240	21.55	21.68	21.69	0	22.5
		120	0	21.61	21.57	21.76	0	22.5
		120	61	**21.79**	**21.70**	**21.77**	0	22.5
		120	122	21.53	21.44	21.58	0	22.5
		240	0	**21.75**	21.68	21.74	0	22.5
	16QAM	1	1	21.56	21.51	21.69	0	22.5
	64QAM	1	1	21.20	21.22	21.10	0	22.5
	256QAM	1	1	19.76	19.85	19.77	1.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	21.65	21.66	21.62	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	21.47	21.58	21.69	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		21	349000	20.72	MPR (dB)	Max. Tune-up
		Frequence (MHz)		20.75	1745	20.71		
30	QPSK	1	1	21.60	21.52	21.58	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		21	349000	20.72	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	21.60	21.51	21.76	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	21.51	21.64	21.59	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	21.67	21.50	21.71	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	21.67	21.60	21.63	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	21.53	21.61	21.54	0	22.5

n66 (SCS 15kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	20.75	20.78	20.84	0	22.0
		1	121	20.87	20.81	20.71	0	22.0
		1	240	20.89	20.83	20.91	0	22.0
		120	0	20.75	20.81	20.71	0	22.0
		120	61	20.69	20.75	20.87	0	22.0
		120	122	20.75	20.78	20.79	0	22.0
		240	0	20.85	20.77	20.86	0	22.0
	QPSK	1	1	**20.95**	**20.98**	**20.94**	0	22.0
		1	121	20.88	20.82	20.89	0	22.0
		1	240	20.89	20.91	20.87	0	22.0
		120	0	20.83	20.82	20.76	0	22.0
		120	61	**20.92**	**20.95**	**20.90**	0	22.0
		120	122	20.82	20.83	20.88	0	22.0
		240	0	20.88	**20.92**	20.78	0	22.0
	16QAM	1	1	20.92	20.91	20.79	0	22.0
	64QAM	1	1	20.84	20.94	20.88	0.5	21.5
	256QAM	1	1	19.92	19.77	19.80	2.5	19.5
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	20.83	20.91	20.82	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	20.74	20.82	20.83	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	20.75	20.87	20.95	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	20.80	20.77	20.78	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	20.78	**20.98**	20.80	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	20.77	20.96	20.89	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	20.89	20.91	20.75	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	20.82	**20.98**	20.87	0	22.0

n66 (SCS 15kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	19.61	19.83	19.80	0	21.5
		1	121	19.66	19.76	19.65	0	22.5
		1	240	19.79	19.68	19.58	0	22.5
		120	0	19.63	19.74	19.62	0	22.5
		120	61	19.68	19.76	19.82	0	22.5
		120	122	19.65	19.69	19.71	0	22.5
		240	0	19.76	19.72	19.68	0	22.5
	QPSK	1	1	**19.82**	**19.85**	**19.81**	0	22.5
		1	121	19.80	19.81	19.80	0	22.5
		1	240	19.79	19.77	19.76	0	22.5
		120	0	19.66	19.64	19.67	0	22.5
		120	61	**19.78**	**19.82**	**19.77**	0	22.5
		120	122	19.71	19.63	19.72	0	22.5
		240	0	19.72	**19.78**	19.76	0	22.5
	16QAM	1	1	19.78	19.80	19.76	0	22.5
	64QAM	1	1	19.81	19.80	19.72	0	22.5
	256QAM	1	1	19.17	19.27	19.32	1.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	19.80	19.70	19.76	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	19.61	19.82	19.81	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	19.78	19.69	19.73	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	19.81	19.79	19.73	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	19.78	19.78	19.68	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	19.67	19.67	19.64	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	19.82	19.83	19.72	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	19.61	19.76	19.67	0	22.5

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Part27Q_n77 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		15.70		0	17.0
		1	137		15.43		0	17.0
		1	271		15.44		0	17.0
		135	0		15.45		0	17.0
		135	69		15.39		0	17.0
		135	138		15.47		0	17.0
		270	0		15.47		0	17.0
	QPSK	1	1		**15.74**		0	17.0
		1	137		15.65		0	17.0
		1	271		15.65		0	17.0
		135	0		15.70		0	17.0
		135	69		**15.72**		0	17.0
		135	138		15.51		0	17.0
		270	0		**15.70**		0	17.0
	16QAM	1	1		15.63		0	17.0
	64QAM	1	1		15.43		0	17.0
	256QAM	1	1		15.48		0	17.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	15.57	15.57	15.50	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	15.61	15.59	15.67	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	15.55	15.69	15.53	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	15.63	15.55	15.65	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	15.50	15.66	15.50	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	15.63	15.53	15.62	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	15.55	15.67	15.49	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	15.55	15.64	15.57	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	15.48	15.70	15.52	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	15.68	15.70	15.60	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	15.53	15.58	15.51	0	17.0

Part27O_n77 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	15.14	15.41	15.55	0	17.0
		1	137	15.20	15.60	15.55	0	17.0
		1	271	15.06	15.59	15.41	0	17.0
		135	0	15.27	15.42	15.57	0	17.0
		135	69	15.12	15.49	15.46	0	17.0
		135	138	15.18	15.60	15.44	0	17.0
		270	0	15.13	15.61	15.39	0	17.0
	QPSK	1	1	**15.34**	**15.64**	**15.61**	0	17.0
		1	137	15.29	15.62	15.51	0	17.0
		1	271	15.23	15.54	15.60	0	17.0
		135	0	15.05	15.50	15.47	0	17.0
		135	69	**15.31**	**15.61**	**15.59**	0	17.0
		135	138	15.06	15.60	15.53	0	17.0
		270	0	15.14	**15.56**	15.48	0	17.0
	16QAM	1	1	15.27	15.44	15.55	0	17.0
	64QAM	1	1	15.15	15.49	15.32	0	17.0
	256QAM	1	1	15.11	15.55	15.56	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	15.03	15.35	15.35	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	15.05	15.34	15.35	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	15.08	15.34	15.43	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	15.01	15.46	15.36	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	15.02	15.29	15.45	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	15.09	15.48	15.37	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	15.21	15.39	15.44	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	15.22	15.41	15.43	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	15.05	15.28	15.45	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	15.04	15.49	15.30	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	15.16	15.47	15.31	0	17.0

Part27Q_n77 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		16.51		0	17.0
		1	137		16.55		0	17.0
		1	271		16.45		0	17.0
		135	0		16.46		0	17.0
		135	69		16.46		0	17.0
		135	138		16.46		0	17.0
		270	0		16.46		0	17.0
	QPSK	1	1		**16.63**		0	17.0
		1	137		16.53		0	17.0
		1	271		16.51		0	17.0
		135	0		16.50		0	17.0
		135	69		**16.58**		0	17.0
		135	138		16.47		0	17.0
		270	0		**16.52**		0	17.0
	16QAM	1	1		16.53		0	17.0
	64QAM	1	1		16.53		0	17.0
	256QAM	1	1		16.53		0	17.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	16.26	16.26	16.38	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	16.42	16.29	16.39	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	16.26	16.26	16.34	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	16.45	16.53	16.49	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	16.45	16.32	16.52	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	16.42	16.50	16.53	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	16.43	16.42	16.40	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	16.45	16.39	16.42	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	16.43	16.41	16.28	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	16.36	16.46	16.43	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	16.26	16.41	16.50	0	17.0

Part27O_n77 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	15.94	16.22	16.42	0	17.0
		1	137	15.94	16.10	16.37	0	17.0
		1	271	15.96	16.14	16.43	0	17.0
		135	0	15.95	16.19	16.41	0	17.0
		135	69	15.96	16.19	16.36	0	17.0
		135	138	15.96	16.13	16.37	0	17.0
		270	0	16.05	16.13	16.38	0	17.0
	QPSK	1	1	**16.14**	**16.30**	**16.56**	0	17.0
		1	137	16.05	16.10	16.41	0	17.0
		1	271	16.01	16.11	16.47	0	17.0
		135	0	15.99	16.11	16.43	0	17.0
		135	69	**16.09**	**16.23**	**16.52**	0	17.0
		135	138	16.04	16.13	16.36	0	17.0
		270	0	15.94	16.21	**16.50**	0	17.0
	16QAM	1	1	15.99	16.19	16.36	0	17.0
	64QAM	1	1	16.00	16.16	16.46	0	17.0
	256QAM	1	1	16.06	16.16	16.37	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	15.84	16.32	16.27	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	15.92	16.23	16.24	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	15.82	16.11	16.25	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	16.01	16.15	16.36	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	15.89	16.31	16.20	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	15.89	16.39	16.30	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	16.10	16.15	16.32	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	15.98	16.18	16.42	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	15.93	16.27	16.41	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	15.83	16.20	16.20	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	15.97	16.32	16.28	0	17.0

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Part27Q_n77 (SCS 30kHz)_Ant1(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		17.49		0	19.0
		1	137		17.44		0	19.0
		1	271		17.50		0	19.0
		135	0		17.45		0	19.0
		135	69		17.48		0	19.0
		135	138		17.45		0	19.0
		270	0		17.46		0	19.0
	QPSK	1	1		**17.54**		0	19.0
		1	137		17.50		0	19.0
		1	271		17.49		0	19.0
		135	0		17.48		0	19.0
		135	69		**17.52**		0	19.0
		135	138		17.50		0	19.0
		270	0		**17.48**		0	19.0
	16QAM	1	1		17.47		0	19.0
	64QAM	1	1		17.52		0	19.0
	256QAM	1	1		17.52		0	19.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	17.52	17.26	17.39	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	17.27	17.26	17.42	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	17.42	17.20	17.52	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	17.51	17.13	17.38	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	17.32	17.21	17.50	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	17.46	17.21	17.44	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	17.32	17.31	17.47	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	17.53	17.29	17.52	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	17.45	17.50	17.46	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	17.45	17.41	17.49	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	17.47	17.24	17.52	0	19.0

Part27O_n77 (SCS 30kHz)_Ant1(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	17.35	17.57	17.42	0	19.0
		1	137	17.42	17.57	17.47	0	19.0
		1	271	17.35	17.57	17.41	0	19.0
		135	0	17.33	17.58	17.50	0	19.0
		135	69	17.38	17.67	17.45	0	19.0
		135	138	17.34	17.59	17.48	0	19.0
		270	0	17.39	17.63	17.48	0	19.0
	QPSK	1	1	**17.50**	**17.75**	**17.59**	0	19.0
		1	137	17.35	17.58	17.49	0	19.0
		1	271	17.41	17.63	17.45	0	19.0
		135	0	17.32	17.63	17.47	0	19.0
		135	69	**17.44**	**17.69**	**17.51**	0	19.0
		135	138	17.42	17.57	17.49	0	19.0
		270	0	17.40	**17.67**	17.46	0	19.0
	16QAM	1	1	17.34	17.61	17.41	0	19.0
	64QAM	1	1	17.38	17.67	17.50	0	19.0
	256QAM	1	1	17.34	17.65	17.47	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	17.30	17.62	17.44	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	17.33	17.66	17.42	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	17.32	17.44	17.39	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	17.26	17.55	17.32	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	17.42	17.54	17.45	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	17.49	17.65	17.46	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	17.42	17.55	17.36	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	17.47	17.55	17.33	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	17.36	17.47	17.56	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	17.32	17.52	17.53	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	17.41	17.52	17.46	0	19.0

Part27Q_n77 (SCS 30kHz)_Ant2(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		18.11		0	19.0
		1	137		18.11		0	19.0
		1	271		18.16		0	19.0
		135	0		18.14		0	19.0
		135	69		18.05		0	19.0
		135	138		18.16		0	19.0
		270	0		18.08		0	19.0
	QPSK	1	1		**18.25**		0	19.0
		1	137		18.12		0	19.0
		1	271		18.09		0	19.0
		135	0		18.15		0	19.0
		135	69		**18.16**		0	19.0
		135	138		18.09		0	19.0
		270	0		**18.13**		0	19.0
	16QAM	1	1		18.06		0	19.0
	64QAM	1	1		18.10		0	19.0
	256QAM	1	1		18.10		0	19.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	18.03	17.95	18.12	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	18.14	18.11	18.05	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	17.91	18.02	18.23	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	18.08	18.01	18.04	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	18.00	17.97	18.11	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	17.95	18.07	18.12	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	18.06	18.12	18.16	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	17.96	18.05	18.09	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	18.08	18.05	18.04	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	17.97	18.06	18.11	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	17.99	18.16	18.17	0	19.0

Part27O_n77 (SCS 30kHz)_Ant2(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	18.06	18.36	18.25	0	19.0
		1	137	17.99	18.35	18.19	0	19.0
		1	271	18.07	18.28	18.29	0	19.0
		135	0	18.04	18.29	18.23	0	19.0
		135	69	17.98	18.31	18.19	0	19.0
		135	138	18.08	18.32	18.24	0	19.0
		270	0	18.01	18.28	18.29	0	19.0
	QPSK	1	1	**18.17**	**18.47**	**18.37**	0	19.0
		1	137	18.06	18.37	18.25	0	19.0
		1	271	18.04	18.31	18.23	0	19.0
		135	0	18.01	18.37	18.21	0	19.0
		135	69	**18.13**	**18.44**	**18.34**	0	19.0
		135	138	18.00	18.34	18.20	0	19.0
		270	0	18.02	**18.40**	18.18	0	19.0
	16QAM	1	1	18.03	18.37	18.27	0	19.0
	64QAM	1	1	17.97	18.27	18.28	0	19.0
	256QAM	1	1	18.04	18.35	18.26	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	18.15	18.36	18.21	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	18.21	18.32	18.29	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	18.08	18.30	18.27	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	18.11	18.27	18.43	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	18.11	18.20	18.39	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	18.22	18.26	18.19	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	17.97	18.26	18.34	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	18.20	18.28	18.26	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	18.27	18.33	18.23	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	18.18	18.32	18.30	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	18.09	18.32	18.37	0	19.0

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Part27Q_n77 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		19.01		0	20.0
		1	137		19.08		0	20.0
		1	271		19.12		0	20.0
		135	0		19.09		0	20.0
		135	69		19.13		0	20.0
		135	138		19.10		0	20.0
		270	0		19.09		0	20.0
	QPSK	1	1		**19.21**		0	20.0
		1	137		19.12		0	20.0
		1	271		19.02		0	20.0
		135	0		19.07		0	20.0
		135	69		**19.18**		0	20.0
		135	138		19.12		0	20.0
		270	0		**19.15**		0	20.0
	16QAM	1	1		19.07		0	20.0
	64QAM	1	1		19.01		0	20.0
	256QAM	1	1		19.04		0	20.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	19.02	18.96	19.16	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	18.99	19.08	19.04	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	19.03	18.90	18.97	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	19.08	18.90	19.09	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	19.21	19.19	19.18	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	19.16	19.08	19.12	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	19.01	19.01	19.17	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	19.10	18.95	19.14	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	19.06	18.95	19.20	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	19.00	19.11	19.10	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	18.99	18.90	19.15	0	20.0

Part27O_n77 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	19.01	18.75	18.39	0	20.0
		1	137	18.90	18.70	18.44	0	20.0
		1	271	19.01	18.66	18.45	0	20.0
		135	0	18.93	18.74	18.34	0	20.0
		135	69	18.91	18.63	18.39	0	20.0
		135	138	18.90	18.63	18.43	0	20.0
		270	0	18.95	18.71	18.43	0	20.0
	QPSK	1	1	**19.10**	**18.83**	**18.54**	0	20.0
		1	137	18.94	18.67	18.34	0	20.0
		1	271	18.96	18.63	18.42	0	20.0
		135	0	18.98	18.71	18.35	0	20.0
		135	69	**19.08**	**18.79**	**18.51**	0	20.0
		135	138	18.99	18.64	18.36	0	20.0
		270	0	**19.05**	18.75	18.47	0	20.0
	16QAM	1	1	19.01	18.75	18.44	0	20.0
	64QAM	1	1	18.96	18.66	18.38	0	20.0
	256QAM	1	1	18.99	18.71	18.41	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	18.94	18.72	18.54	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	19.08	18.63	18.34	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	19.06	18.69	18.52	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	18.94	18.72	18.63	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	18.96	18.81	18.41	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	19.06	18.61	18.45	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	19.08	18.71	18.47	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	19.00	18.75	18.41	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	18.91	18.56	18.47	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	18.94	18.66	18.35	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	18.99	18.76	18.53	0	20.0

Part27Q_n77 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		14.85		0	16.0
		1	137		14.78		0	20.0
		1	271		14.75		0	20.0
		135	0		14.76		0	20.0
		135	69		14.82		0	20.0
		135	138		14.79		0	20.0
		270	0		14.81		0	20.0
	QPSK	1	1		**14.95**		0	20.0
		1	137		14.78		0	20.0
		1	271		14.81		0	20.0
		135	0		14.82		0	20.0
		135	69		**14.92**		0	20.0
		135	138		14.77		0	20.0
		270	0		**14.90**		0	20.0
	16QAM	1	1		14.87		0	20.0
	64QAM	1	1		14.79		0	20.0
	256QAM	1	1		14.77		0	20.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	14.85	14.76	14.92	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	14.80	14.81	14.80	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	14.72	14.74	14.86	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	14.62	14.78	14.76	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	14.68	14.80	14.90	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	14.90	14.66	14.77	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	14.80	14.79	14.80	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	14.66	14.69	14.73	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	14.91	14.73	14.94	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	14.83	14.70	14.76	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	14.82	14.77	14.75	0	20.0

Part27O_n77 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	14.79	14.75	14.79	0	16.0
		1	137	14.88	14.72	14.81	0	20.0
		1	271	14.83	14.74	14.75	0	20.0
		135	0	14.85	14.78	14.75	0	20.0
		135	69	14.78	14.83	14.79	0	20.0
		135	138	14.78	14.76	14.73	0	20.0
		270	0	14.84	14.76	14.79	0	20.0
	QPSK	1	1	**14.97**	**15.00**	**14.93**	0	20.0
		1	137	14.84	14.71	14.75	0	20.0
		1	271	14.80	14.77	14.82	0	20.0
		135	0	14.79	14.72	14.80	0	20.0
		135	69	**14.94**	**14.97**	**14.90**	0	20.0
		135	138	14.87	14.78	14.85	0	20.0
		270	0	14.78	**14.96**	14.73	0	20.0
	16QAM	1	1	14.87	14.74	14.79	0	20.0
	64QAM	1	1	14.84	14.74	14.79	0	20.0
	256QAM	1	1	14.85	14.75	14.84	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	14.65	14.78	14.91	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	14.84	14.86	14.71	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	14.79	14.72	14.67	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	14.87	14.84	14.78	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	14.77	14.77	14.76	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	14.74	14.91	14.71	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	14.77	14.89	14.88	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	14.89	14.89	14.75	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	14.75	14.82	14.75	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	14.90	14.73	14.83	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	14.76	14.88	14.82	0	20.0

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Part27Q_n77 (SCS 30kHz)_Ant3(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		21.24		0	22.0
		1	137		21.19		0	22.0
		1	271		21.16		0	22.0
		135	0		21.20		0	22.0
		135	69		21.12		0	22.0
		135	138		21.24		0	22.0
		270	0		21.23		0	22.0
	QPSK	1	1		**21.32**		0	22.0
		1	137		21.14		0	22.0
		1	271		21.19		0	22.0
		135	0		21.13		0	22.0
		135	69		**21.29**		0	22.0
		135	138		21.20		0	22.0
		270	0		**21.27**		0	22.0
	16QAM	1	1		21.22		0	22.0
	64QAM	1	1		21.21		0	22.0
	256QAM	1	1		21.15		0	22.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	21.04	21.09	21.09	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	21.04	21.08	21.09	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	21.13	21.03	21.14	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	21.05	20.96	21.12	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	21.01	21.09	21.24	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	21.08	21.04	21.02	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	21.01	21.11	21.13	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	20.97	21.14	21.10	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	21.17	21.09	21.10	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	21.11	20.98	21.07	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	21.16	20.92	21.17	0	22.0

Part27O_n77 (SCS 30kHz)_Ant3(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	20.59	21.01	20.97	0	22.0
		1	137	20.59	20.99	20.97	0	22.0
		1	271	20.69	21.01	20.88	0	22.0
		135	0	20.71	21.00	20.97	0	22.0
		135	69	20.59	20.99	20.97	0	22.0
		135	138	20.68	20.97	20.88	0	22.0
		270	0	20.66	20.91	20.96	0	22.0
	QPSK	1	1	**20.79**	**21.10**	**21.06**	0	22.0
		1	137	20.61	20.90	20.97	0	22.0
		1	271	20.61	20.91	20.86	0	22.0
		135	0	20.62	21.01	20.98	0	22.0
		135	69	**20.76**	**21.08**	**21.02**	0	22.0
		135	138	20.69	21.02	20.98	0	22.0
		270	0	20.69	**21.05**	20.96	0	22.0
	16QAM	1	1	20.68	20.98	20.89	0	22.0
	64QAM	1	1	20.65	20.95	20.95	0	22.0
	256QAM	1	1	20.59	21.02	20.86	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	20.43	21.05	20.72	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	20.51	20.97	20.83	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	20.70	20.92	20.87	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	20.44	21.02	20.78	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	20.58	20.91	20.97	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	20.54	21.08	20.87	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	20.68	21.04	20.97	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	20.51	21.05	20.70	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	20.48	21.03	20.75	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	20.61	20.95	20.98	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	20.46	20.98	20.95	0	22.0

Part27Q_n77 (SCS 30kHz)_Ant7(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		16.54		0	18.0
		1	137		16.51		0	22.0
		1	271		16.60		0	22.0
		135	0		16.60		0	22.0
		135	69		16.55		0	22.0
		135	138		16.52		0	22.0
		270	0		16.62		0	22.0
	QPSK	1	1		**16.70**		0	22.0
		1	137		16.60		0	22.0
		1	271		16.54		0	22.0
		135	0		16.51		0	22.0
		135	69		**16.67**		0	22.0
		135	138		16.50		0	22.0
		270	0		**16.64**		0	22.0
	16QAM	1	1		16.58		0	22.0
	64QAM	1	1		16.50		0	22.0
	256QAM	1	1		16.53		0	22.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	16.67	16.52	16.67	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	16.46	16.54	16.61	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	16.45	16.43	16.67	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	16.54	16.54	16.68	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	16.59	16.50	16.62	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	16.69	16.51	16.68	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	16.49	16.50	16.57	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	16.46	16.50	16.61	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	16.37	16.51	16.69	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	16.45	16.48	16.65	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	16.56	16.55	16.53	0	22.0

Part27O_n77 (SCS 30kHz)_Ant7(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	16.19	16.65	16.56	0	18.0
		1	137	16.17	16.60	16.54	0	22.0
		1	271	16.14	16.65	16.47	0	22.0
		135	0	16.12	16.62	16.45	0	22.0
		135	69	16.22	16.69	16.53	0	22.0
		135	138	16.13	16.71	16.45	0	22.0
		270	0	16.12	16.61	16.46	0	22.0
	QPSK	1	1	**16.31**	**16.79**	**16.64**	0	22.0
		1	137	16.17	16.64	16.56	0	22.0
		1	271	16.20	16.70	16.48	0	22.0
		135	0	16.11	16.71	16.49	0	22.0
		135	69	**16.28**	**16.77**	**16.62**	0	22.0
		135	138	16.14	16.68	16.56	0	22.0
		270	0	16.23	**16.73**	16.59	0	22.0
	16QAM	1	1	16.21	16.68	16.44	0	22.0
	64QAM	1	1	16.15	16.60	16.55	0	22.0
	256QAM	1	1	16.13	16.68	16.53	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	16.25	16.71	16.46	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	16.28	16.50	16.47	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	16.30	16.56	16.48	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	16.23	16.65	16.62	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	16.24	16.52	16.68	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	16.19	16.51	16.70	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	16.14	16.74	16.55	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	16.23	16.58	16.66	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	16.36	16.71	16.50	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	16.22	16.55	16.60	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	16.40	16.47	16.64	0	22.0

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Part27Q_n78 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		16.23		0	17.5
		1	137		16.32		0	17.5
		1	271		16.21		0	17.5
		135	0		16.25		0	17.5
		135	69		16.25		0	17.5
		135	138		16.32		0	17.5
		270	0		16.32		0	17.5
	QPSK	1	1		**16.40**		0	17.5
		1	137		16.31		0	17.5
		1	271		16.23		0	17.5
		135	0		16.24		0	17.5
		135	69		**16.37**		0	17.5
		135	138		16.27		0	17.5
		270	0		**16.35**		0	17.5
	16QAM	1	1		16.29		0	17.5
	64QAM	1	1		16.26		0	17.5
	256QAM	1	1		16.30		0	17.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	16.20	16.20	16.38	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	16.10	16.17	16.29	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	16.17	16.31	16.17	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	16.06	16.12	16.23	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	16.07	16.32	16.32	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	16.28	16.36	16.12	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	16.09	16.34	16.21	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	16.03	16.16	16.17	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	16.06	16.20	16.30	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	16.15	16.13	16.22	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	16.05	16.27	16.24	0	17.5

Part27Q_n78 (SCS 30kHz)_Ant1(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		17.81		0	19.5
		1	137		17.76		0	19.5
		1	271		17.78		0	19.5
		135	0		17.86		0	19.5
		135	69		17.76		0	19.5
		135	138		17.79		0	19.5
		270	0		17.82		0	19.5
	QPSK	1	1		**17.94**		0	19.5
		1	137		17.86		0	19.5
		1	271		17.81		0	19.5
		135	0		17.74		0	19.5
		135	69		**17.91**		0	19.5
		135	138		17.83		0	19.5
		270	0		**17.88**		0	19.5
	16QAM	1	1		17.76		0	19.5
	64QAM	1	1		17.80		0	19.5
	256QAM	1	1		17.79		0	19.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	17.76	17.67	17.74	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	17.72	17.85	17.80	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	17.76	17.66	17.70	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	17.58	17.68	17.92	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	17.73	17.71	17.68	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	17.52	17.66	17.86	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	17.61	17.71	17.80	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	17.52	17.68	17.80	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	17.74	17.83	17.82	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	17.62	17.69	17.80	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	17.73	17.69	17.75	0	19.5

Part27Q_n78 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		18.91		0	19.5
		1	137		18.84		0	17.5
		1	271		18.89		0	17.5
		135	0		18.84		0	17.5
		135	69		18.92		0	17.5
		135	138		18.88		0	17.5
		270	0		18.93		0	17.5
	QPSK	1	1		**19.03**		0	17.5
		1	137		18.84		0	17.5
		1	271		18.83		0	17.5
		135	0		18.87		0	17.5
		135	69		**19.00**		0	17.5
		135	138		18.89		0	17.5
		270	0		**18.97**		0	17.5
	16QAM	1	1		18.89		0	17.5
	64QAM	1	1		18.89		0	17.5
	256QAM	1	1		18.83		0	17.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	18.87	18.91	18.85	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	18.84	18.90	18.86	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	18.85	18.85	18.95	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	18.78	18.82	18.94	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	18.74	18.80	18.99	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	18.89	18.86	18.95	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	18.88	18.91	19.00	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	18.88	18.98	18.85	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	18.71	18.93	19.00	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	18.72	18.87	19.02	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	18.91	18.86	18.90	0	17.5

Part27Q_n78 (SCS 30kHz)_Ant3(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		20.73		0	21.5
		1	137		20.72		0	19.5
		1	271		20.74		0	19.5
		135	0		20.66		0	19.5
		135	69		20.70		0	19.5
		135	138		20.70		0	19.5
		270	0		20.74		0	19.5
	QPSK	1	1		**20.86**		0	19.5
		1	137		20.74		0	19.5
		1	271		20.72		0	19.5
		135	0		20.68		0	19.5
		135	69		**20.84**		0	19.5
		135	138		20.72		0	19.5
		270	0		**20.81**		0	19.5
	16QAM	1	1		20.72		0	19.5
	64QAM	1	1		20.68		0	19.5
	256QAM	1	1		20.70		0	19.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	20.75	20.58	20.59	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	20.56	20.66	20.70	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	20.66	20.53	20.61	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	20.75	20.67	20.77	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	20.58	20.43	20.75	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	20.58	20.65	20.58	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	20.62	20.58	20.77	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	20.58	20.57	20.65	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	20.71	20.64	20.77	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	20.61	20.71	20.64	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	20.69	20.54	20.69	0	19.5

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Part27Q_n78 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		16.50		0	17.0
		1	137		16.44		0	17.0
		1	271		16.40		0	17.0
		135	0		16.45		0	17.0
		135	69		16.39		0	17.0
		135	138		16.51		0	17.0
		270	0		16.50		0	17.0
	QPSK	1	1		**16.59**		0	17.0
		1	137		16.46		0	17.0
		1	271		16.51		0	17.0
		135	0		16.49		0	17.0
		135	69		**16.56**		0	17.0
		135	138		16.51		0	17.0
		270	0		**16.54**		0	17.0
	16QAM	1	1		16.41		0	17.0
	64QAM	1	1		16.46		0	17.0
	256QAM	1	1		16.44		0	17.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	16.11	16.34	16.27	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	16.17	16.26	16.45	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	16.27	16.41	16.38	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	16.38	16.21	16.31	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	16.24	16.24	16.24	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	16.24	16.22	16.25	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	16.29	16.26	16.42	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	16.32	16.49	16.31	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	16.25	16.37	16.22	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	16.32	16.38	16.26	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	16.11	16.35	16.35	0	17.0

Part27Q_n78 (SCS 30kHz)_Ant2(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		18.00		0	19.0
		1	137		18.05		0	19.0
		1	271		18.06		0	19.0
		135	0		18.07		0	19.0
		135	69		18.11		0	19.0
		135	138		18.08		0	19.0
		270	0		18.06		0	19.0
	QPSK	1	1		**18.17**		0	19.0
		1	137		18.09		0	19.0
		1	271		18.07		0	19.0
		135	0		18.01		0	19.0
		135	69		**18.15**		0	19.0
		135	138		18.09		0	19.0
		270	0		**18.12**		0	19.0
	16QAM	1	1		18.02		0	19.0
	64QAM	1	1		18.10		0	19.0
	256QAM	1	1		18.09		0	19.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	17.87	17.91	17.91	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	17.94	17.88	17.98	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	18.05	17.96	18.09	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	18.04	17.85	18.03	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	17.85	17.92	17.91	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	17.89	17.98	17.98	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	17.80	17.86	18.06	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	17.90	17.98	17.91	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	17.92	18.05	18.00	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	17.81	17.80	18.15	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	17.95	17.87	17.96	0	19.0

Part27Q_n78 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		13.77		0	15.0
		1	137		13.81		0	17.0
		1	271		13.80		0	17.0
		135	0		13.75		0	17.0
		135	69		13.80		0	17.0
		135	138		13.83		0	17.0
		270	0		13.77		0	17.0
	QPSK	1	1		**13.92**		0	17.0
		1	137		13.77		0	17.0
		1	271		13.77		0	17.0
		135	0		13.75		0	17.0
		135	69		**13.90**		0	17.0
		135	138		13.78		0	17.0
		270	0		**13.87**		0	17.0
	16QAM	1	1		13.74		0	17.0
	64QAM	1	1		13.73		0	17.0
	256QAM	1	1		13.79		0	17.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.72	13.91	13.75	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	13.86	13.76	13.75	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.77	13.73	13.69	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	13.65	13.90	13.71	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.64	13.81	13.84	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.64	13.72	13.78	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.76	13.90	13.89	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	13.64	13.66	13.91	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	13.72	13.82	13.85	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	13.72	13.73	13.67	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	13.87	13.76	13.86	0	17.0

Part27Q_n78 (SCS 30kHz)_Ant7(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	PI/2 BPSK	1	1		15.67		0	17.0
		1	137		15.68		0	19.0
		1	271		15.69		0	19.0
		135	0		15.70		0	19.0
		135	69		15.73		0	19.0
		135	138		15.68		0	19.0
		270	0		15.69		0	19.0
	QPSK	1	1		**15.80**		0	19.0
		1	137		15.64		0	19.0
		1	271		15.73		0	19.0
		135	0		15.74		0	19.0
		135	69		**15.77**		0	19.0
		135	138		15.75		0	19.0
		270	0		**15.75**		0	19.0
	16QAM	1	1		15.75		0	19.0
	64QAM	1	1		15.68		0	19.0
	256QAM	1	1		15.75		0	19.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	15.68	15.38	15.66	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	15.50	15.63	15.69	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	15.69	15.48	15.56	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	15.59	15.50	15.51	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	15.69	15.66	15.74	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	15.48	15.47	15.47	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	15.60	15.46	15.51	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	15.60	15.62	15.65	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	15.54	15.52	15.67	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	15.71	15.58	15.62	0	19.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	15.56	15.41	15.55	0	19.0

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n2 (SCS 15kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		374000	376000	378000		
		Frequence (MHz)		1870	1880	1890		
40	Pi/2 BPSK	1	1	23.79	23.86	23.83	0	25.5
		1	108	23.69	23.73	23.68	0	25.5
		1	214	23.76	23.80	23.75	0	25.5
		108	0	23.01	23.17	23.23	0.5	25.0
		108	54	23.71	23.83	23.62	0	25.5
		108	108	23.23	23.27	23.24	0.5	25.0
		216	0	23.28	23.31	23.24	0.5	25.0
	QPSK	1	1	**23.85**	**23.88**	**23.79**	0	25.5
		1	108	23.70	23.79	23.73	0	25.5
		1	214	23.76	23.80	23.69	0	25.5
		108	0	22.66	22.87	22.78	1	24.5
		108	54	**23.62**	**23.83**	**23.76**	0	25.5
		108	108	22.75	22.88	22.85	1	24.5
		216	0	22.78	**22.94**	22.83	1	24.5
	16QAM	1	1	22.80	22.87	22.90	1	24.5
	64QAM	1	1	20.73	20.78	20.75	3	22.5
	256QAM	1	1	18.66	18.68	18.64	5	20.5
BW [MHz]	DFT-s-OFDM	Channel		373500	376000	378500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1867.5	1880	1892.5		
35	QPSK	1	1	23.71	23.79	23.67	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		373000	376000	379000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1865	1880	1895		
30	QPSK	1	1	23.75	23.84	23.73	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		372500	376000	379500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1862.5	1880	1897.5		
25	QPSK	1	1	23.56	23.70	23.65	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		372000	376000	380000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1860	1880	1900		
20	QPSK	1	1	23.59	23.82	23.56	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5		
15	QPSK	1	1	23.70	23.85	23.71	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1855	1880	1905		
10	QPSK	1	1	23.70	23.79	23.62	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5		
5	QPSK	1	1	23.62	23.72	23.54	0	25.5

n2 (SCS 15kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		374000	376000	378000		
		Frequence (MHz)		1870	1880	1890		
40	Pi/2 BPSK	1	1	24.39	24.47	24.36	0	25.5
		1	108	24.24	24.36	24.30	0	25.5
		1	214	24.16	24.31	24.25	0	25.5
		108	0	23.76	23.89	23.86	0.5	25.0
		108	54	24.32	24.46	24.40	0	25.5
		108	108	23.76	23.82	23.71	0.5	25.0
		216	0	23.83	23.87	23.85	0.5	25.0
	QPSK	1	1	**24.49**	**24.54**	**24.46**	0	25.5
		1	108	24.17	24.21	24.17	0	25.5
		1	214	24.21	24.30	24.15	0	25.5
		108	0	23.35	23.39	23.34	1	24.5
		108	54	**24.41**	**24.46**	**24.35**	0	25.5
		108	108	23.31	23.35	23.23	1	24.5
		216	0	23.43	**23.45**	23.40	1	24.5
	16QAM	1	1	23.42	23.56	23.55	1	24.5
	64QAM	1	1	21.38	21.45	21.40	3	22.5
	256QAM	1	1	19.27	19.35	19.24	5	20.5
BW [MHz]	DFT-s-OFDM	Channel		373500	376000	378500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1867.5	1880	1892.5		
35	QPSK	1	1	24.31	24.28	24.33	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		373000	376000	379000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1865	1880	1895		
30	QPSK	1	1	24.52	24.49	24.50	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		372500	376000	379500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1862.5	1880	1897.5		
25	QPSK	1	1	24.50	24.51	24.47	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		372000	376000	380000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1860	1880	1900		
20	QPSK	1	1	24.48	24.49	24.46	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5		
15	QPSK	1	1	24.49	24.47	24.47	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1855	1880	1905		
10	QPSK	1	1	24.51	24.50	24.49	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5		
5	QPSK	1	1	24.52	24.46	24.45	0	25.5

n5 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			167300			
		Frequence (MHz)			836.5			
25	Pi/2 BPSK	1	1		**25.22**		0	25.5
		1	67		25.16		0	25.5
		1	131		25.05		0	25.5
		64	0		24.49		0.5	25.0
		64	35		25.15		0	25.5
		64	69		24.56		0.5	25.0
		128	0		24.66		0.5	25.0
	QPSK	1	1		**25.22**		0	25.5
		1	67		25.12		0	25.5
		1	131		25.14		0	25.5
		64	0		24.18		1	24.5
		64	35		**25.07**		0	25.5
		64	69		24.15		1	24.5
		128	0		**24.24**		1	24.5
	16QAM	1	1		24.30		1	24.5
	64QAM	1	1		22.25		3	22.5
	256QAM	1	1		20.01		5	20.5
BW [MHz]	DFT-s-OFDM	Channel		166800	167300	167800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		834	836.5	839		
20	QPSK	1	1	24.98	25.10	24.98	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5		
15	QPSK	1	1	25.10	25.14	25.06	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		829	836.5	844		
10	QPSK	1	1	25.11	25.11	25.07	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5		
5	QPSK	1	1	25.08	25.15	25.02	0	25.5

n5 (SCS 15kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			167300			
		Frequence (MHz)			836.5			
25	Pi/2 BPSK	1	1		20.58		0	21.5
		1	67		20.36		0	25.5
		1	131		20.48		0	25.5
		64	0		20.48		0.5	25.0
		64	35		20.33		0	25.5
		64	69		20.47		0.5	25.0
		128	0		20.43		0.5	25.0
	QPSK	1	1		**20.65**		0	25.5
		1	67		20.57		0	25.5
		1	131		20.59		0	25.5
		64	0		20.51		1	24.5
		64	35		**20.55**		0	25.5
		64	69		20.25		1	24.5
		128	0		**20.38**		1	24.5
	16QAM	1	1		20.49		1	24.5
	64QAM	1	1		20.54		3	22.5
	256QAM	1	1		20.12		5	20.5
BW [MHz]	DFT-s-OFDM	Channel		166800	167300	167800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		834	836.5	839		
20	QPSK	1	1	20.24	20.41	20.34	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5		
15	QPSK	1	1	20.32	20.42	20.54	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		829	836.5	844		
10	QPSK	1	1	20.46	20.43	20.31	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5		
5	QPSK	1	1	20.48	20.47	20.56	0	25.5

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n7 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	Pi/2 BPSK	1	1	20.31	20.37	20.28	0	22.0
		1	135	20.27	20.35	20.41	0	22.0
		1	268	20.33	20.21	20.34	0	22.0
		135	0	20.19	20.27	20.31	0	22.0
		135	68	20.35	20.18	20.38	0	22.0
		135	135	20.30	20.10	20.15	0	22.0
		270	0	20.27	20.32	20.25	0	22.0
	QPSK	1	1	**20.27**	**20.43**	**20.40**	0	22.0
		1	135	20.15	20.34	20.25	0	22.0
		1	268	20.12	20.20	20.33	0	22.0
		135	0	20.26	20.18	20.23	0	22.0
		135	68	**20.33**	**20.35**	**20.29**	0	22.0
		135	135	20.12	20.09	20.25	0	22.0
		270	0	20.15	**20.23**	20.17	0	22.0
	16QAM	1	1	20.29	20.14	20.13	0	22.0
	64QAM	1	1	20.27	20.30	20.14	0	22.0
	256QAM	1	1	18.87	18.94	18.86	1.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	20.27	20.09	20.26	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	20.15	20.23	20.30	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	20.31	20.09	20.28	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	20.16	20.15	20.09	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	20.26	20.39	20.27	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	20.11	20.07	20.28	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	20.32	20.26	20.17	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	20.19	20.16	20.05	0	22.0

n7 (SCS 15kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	Pi/2 BPSK	1	1	22.85	22.83	22.95	0	23.5
		1	135	23.04	23.02	22.97	0	23.5
		1	268	22.99	22.94	22.99	0	23.5
		135	0	22.91	22.81	22.92	0	23.5
		135	68	22.96	22.96	23.06	0	23.5
		135	135	23.03	22.90	23.04	0	23.5
		270	0	22.80	22.76	22.78	0	23.5
	QPSK	1	1	**23.07**	**23.03**	**22.96**	0	23.5
		1	135	22.91	22.93	22.90	0	23.5
		1	268	22.88	22.99	22.88	0	23.5
		135	0	22.82	22.74	22.88	0	23.5
		135	68	**23.04**	**22.92**	**22.95**	0	23.5
		135	135	22.80	22.83	22.82	0	23.5
		270	0	**23.01**	22.99	22.85	0	23.5
	16QAM	1	1	22.82	22.94	22.52	0	23.5
	64QAM	1	1	21.63	21.76	21.89	0.5	23.0
	256QAM	1	1	19.80	19.74	19.78	2.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	22.84	22.93	22.93	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	23.00	22.95	22.94	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	22.97	22.92	22.88	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	22.87	22.96	22.75	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	22.67	22.61	22.76	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	22.72	22.68	22.78	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	22.85	22.94	22.83	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	22.89	22.78	22.87	0	23.5

n7 (SCS 15kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	Pi/2 BPSK	1	1	24.63	25.21	25.08	0	26.0
		1	135	24.66	25.13	24.98	0	22.0
		1	268	24.59	25.01	24.86	0	22.0
		135	0	24.24	24.75	24.63	0	22.0
		135	68	24.78	25.24	25.08	0	22.0
		135	135	24.20	24.52	24.53	0	22.0
		270	0	24.29	24.53	24.58	0	22.0
	QPSK	1	1	**24.54**	**25.36**	**25.19**	0	22.0
		1	135	24.52	25.28	25.13	0	22.0
		1	268	24.49	25.18	25.12	0	22.0
		135	0	23.63	24.13	24.00	0	22.0
		135	68	**24.70**	**25.30**	**25.18**	0	22.0
		135	135	23.50	23.84	23.71	0	22.0
		270	0	23.72	**24.19**	24.06	0	22.0
	16QAM	1	1	24.07	24.30	24.26	0	22.0
	64QAM	1	1	21.89	22.14	22.05	0	22.0
	256QAM	1	1	19.95	20.16	20.03	1.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	24.51	25.27	25.09	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	24.48	25.12	25.07	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	24.53	25.25	25.08	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	24.49	25.26	25.05	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	24.51	25.25	24.09	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	24.52	25.23	24.06	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	24.48	25.24	25.01	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	24.49	25.21	25.02	0	22.0

n7 (SCS 15kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50	Pi/2 BPSK	1	1	17.95	17.98	18.08	0	19.5
		1	135	18.07	17.69	17.94	0	23.5
		1	268	17.90	17.95	17.91	0	23.5
		135	0	17.87	17.77	17.93	0	23.5
		135	68	17.75	18.04	17.79	0	23.5
		135	135	18.01	17.76	17.90	0	23.5
		270	0	17.95	18.14	18.00	0	23.5
	QPSK	1	1	**18.09**	**18.15**	**18.07**	0	23.5
		1	135	18.02	18.08	17.96	0	23.5
		1	268	17.99	18.10	17.98	0	23.5
		135	0	17.83	18.06	17.91	0	23.5
		135	68	**17.95**	**18.09**	**18.05**	0	23.5
		135	135	17.81	17.89	17.86	0	23.5
		270	0	17.83	**17.91**	17.74	0	23.5
	16QAM	1	1	18.02	17.82	18.05	0	23.5
	64QAM	1	1	18.00	17.82	18.01	0.5	23.0
	256QAM	1	1	17.94	17.81	18.02	2.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40	QPSK	1	1	17.89	17.82	17.77	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		503500	507000	510500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	17.91	17.64	17.85	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		503000	507000	511000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30	QPSK	1	1	17.87	17.93	17.87	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		502500	507000	511500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	17.81	17.97	17.95	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		502000	507000	512000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20	QPSK	1	1	17.92	17.75	17.93	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	17.85	17.70	17.88	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		501000	507000	513000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10	QPSK	1	1	17.83	17.88	17.89	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		500500	507000	513500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	17.60	17.98	17.65	0	23.5

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n38 (SCS 30kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	Pi/2 BPSK	1	1	20.47	20.59	20.50	0	22.0
		1	53	20.51	20.57	20.52	0	22.0
		1	104	20.48	20.44	20.53	0	22.0
		50	0	20.43	20.46	20.45	0	22.0
		50	28	20.49	20.40	20.49	0	22.0
		50	56	20.42	20.27	20.36	0	22.0
		100	0	20.37	20.43	20.38	0	22.0
	QPSK	1	1	**20.46**	**20.64**	**20.59**	0	22.0
		1	53	20.32	20.58	20.40	0	22.0
		1	104	20.32	20.36	20.47	0	22.0
		50	0	20.46	20.32	20.39	0	22.0
		50	28	**20.48**	**20.52**	**20.48**	0	22.0
		50	56	20.30	20.26	20.36	0	22.0
		100	0	20.31	**20.45**	20.31	0	22.0
	16QAM	1	1	20.39	20.29	20.27	0	22.0
	64QAM	1	1	20.44	20.47	20.33	0	22.0
	256QAM	1	1	18.67	18.74	18.66	1.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	20.40	20.36	20.41	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	20.41	20.47	20.46	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	20.41	20.15	20.25	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	20.43	20.50	20.57	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	20.30	20.55	20.26	0	22.0

n38 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	Pi/2 BPSK	1	1	23.71	23.82	23.93	0	24.5
		1	53	24.03	23.96	23.95	0	24.5
		1	104	23.89	23.82	23.95	0	24.5
		50	0	23.88	23.75	23.87	0	24.5
		50	28	23.84	23.93	23.96	0	24.5
		50	56	23.94	23.89	23.97	0	24.5
		100	0	23.70	23.61	23.66	0	24.5
	QPSK	1	1	**23.95**	**24.04**	**23.89**	0	24.5
		1	53	23.89	23.81	23.82	0	24.5
		1	104	23.84	23.85	23.77	0	24.5
		50	0	23.70	23.86	23.77	0	24.5
		50	28	**23.86**	**23.93**	**23.89**	0	24.5
		50	56	23.75	23.88	23.74	0	24.5
		100	0	23.92	**23.95**	23.83	0	24.5
	16QAM	1	1	23.71	23.91	23.44	0	24.5
	64QAM	1	1	21.66	22.03	21.93	1.5	23.0
	256QAM	1	1	19.78	19.86	19.76	3.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	24.00	23.94	23.88	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	23.76	23.79	23.88	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	23.79	23.89	23.82	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	23.82	23.67	23.68	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	23.78	23.90	23.74	0	24.5

n38 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	Pi/2 BPSK	1	1	24.81	24.90	24.83	0	26.0
		1	53	24.58	24.70	24.72	0	22.0
		1	104	24.52	24.40	24.50	0	22.0
		50	0	24.42	24.25	24.37	0	22.0
		50	28	24.85	24.77	24.73	0	22.0
		50	56	24.09	24.12	24.18	0	22.0
		100	0	24.38	24.41	24.26	0	22.0
	QPSK	1	1	**24.91**	**24.97**	**24.95**	0	22.0
		1	53	24.73	24.58	24.57	0	22.0
		1	104	24.62	24.50	24.48	0	22.0
		50	0	23.82	23.79	23.86	0	22.0
		50	28	**24.85**	**24.88**	**24.80**	0	22.0
		50	56	23.80	23.45	23.70	0	22.0
		100	0	23.87	**23.91**	23.78	0	22.0
	16QAM	1	1	23.64	23.98	23.88	0	22.0
	64QAM	1	1	22.10	21.89	22.07	0	22.0
	256QAM	1	1	19.92	20.02	19.99	1.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	24.54	24.62	24.66	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	24.75	24.84	24.71	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	24.71	24.69	24.67	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	24.80	24.82	24.93	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	24.63	24.53	24.46	0	22.0

n38 (SCS 30kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	Pi/2 BPSK	1	1	18.39	18.53	18.49	0	19.5
		1	53	18.40	18.45	18.31	0	24.5
		1	104	18.20	18.21	18.32	0	24.5
		50	0	18.17	18.44	18.42	0	24.5
		50	28	18.39	18.38	18.34	0	24.5
		50	56	18.35	18.40	18.49	0	24.5
		100	0	18.31	18.48	18.37	0	24.5
	QPSK	1	1	**18.58**	**18.52**	**18.51**	0	24.5
		1	53	18.39	18.45	18.38	0	24.5
		1	104	18.34	18.42	18.27	0	24.5
		50	0	18.35	18.24	18.32	0	24.5
		50	28	**18.51**	**18.42**	**18.39**	0	24.5
		50	56	18.21	18.31	18.21	0	24.5
		100	0	**18.43**	18.41	18.20	0	24.5
	16QAM	1	1	18.36	18.50	18.28	0	24.5
	64QAM	1	1	18.35	18.49	18.31	1.5	23.0
	256QAM	1	1	18.47	18.43	18.45	3.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	18.28	18.42	18.22	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	18.31	18.25	18.36	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	18.27	18.29	18.23	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	18.46	18.40	18.36	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	18.38	18.32	18.05	0	24.5

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n41 (SCS 30kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	21.22	21.40	21.35	0	22.5
		1	137	21.40	21.30	21.38	0	22.5
		1	271	21.40	21.17	21.23	0	22.5
		135	0	21.33	21.22	21.34	0	22.5
		135	69	21.28	21.29	21.35	0	22.5
		135	138	21.19	21.07	21.17	0	22.5
		270	0	21.23	21.22	21.25	0	22.5
	QPSK	1	1	**21.45**	**21.37**	**21.29**	0	22.5
		1	137	21.11	21.26	21.23	0	22.5
		1	271	21.08	21.14	21.15	0	22.5
		135	0	21.40	21.15	21.20	0	22.5
		135	69	**21.41**	**21.26**	**21.31**	0	22.5
		135	138	21.10	21.06	21.12	0	22.5
		270	0	**21.27**	21.18	21.23	0	22.5
	16QAM	1	1	21.14	21.01	21.06	0	22.5
	64QAM	1	1	20.76	20.88	20.81	0	22.5
	256QAM	1	1	18.61	18.77	18.64	2	20.5
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	21.29	21.17	21.37	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	21.37	21.10	21.20	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	21.30	21.09	21.30	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	21.07	20.95	21.11	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	21.15	21.09	21.14	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	21.32	21.31	21.18	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	21.24	21.11	21.22	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	21.21	21.03	21.08	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	21.37	21.10	21.21	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	21.28	21.19	21.27	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	21.19	21.19	21.21	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	21.27	21.07	21.10	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	21.26	21.10	21.06	0	22.5

n41 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	25.02	24.74	24.62	0	25.5
		1	137	24.60	24.62	24.67	0	25.5
		1	271	24.58	24.73	24.41	0	25.5
		135	0	24.38	24.17	24.18	0.5	25.0
		135	69	24.68	24.65	24.63	0	25.5
		135	138	24.10	24.17	23.94	0.5	25.0
		270	0	24.28	24.06	24.02	0.5	25.0
	QPSK	1	1	**25.05**	**24.75**	**24.71**	0	25.5
		1	137	24.66	24.63	24.62	0	25.5
		1	271	24.75	24.72	24.44	0	25.5
		135	0	23.87	23.67	23.71	1	24.5
		135	69	**24.91**	**24.71**	**24.62**	0	25.5
		135	138	23.56	23.81	23.73	1	24.5
		270	0	**23.87**	23.83	23.57	1	24.5
	16QAM	1	1	24.09	23.75	23.76	1	24.5
	64QAM	1	1	22.18	21.82	21.85	2.5	23.0
	256QAM	1	1	20.15	19.78	19.67	4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	24.87	24.89	24.90	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	24.84	24.67	24.65	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	24.88	24.68	24.71	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	24.96	24.85	24.61	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	24.95	24.86	24.72	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	24.90	24.61	24.59	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	24.80	24.67	24.69	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	24.61	24.58	24.40	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	24.83	24.73	24.78	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	24.94	24.68	24.58	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	24.86	24.69	24.74	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	24.86	24.62	24.51	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	24.88	24.80	24.76	0	25.5

n41 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	25.28	25.20	25.03	0	26.0
		1	137	24.94	24.97	24.71	0	22.5
		1	271	24.83	24.71	24.63	0	22.5
		135	0	24.22	24.06	24.33	0	22.5
		135	69	25.18	25.10	24.65	0	22.5
		135	138	23.88	23.85	23.87	0	22.5
		270	0	24.32	24.03	24.03	0	22.5
	QPSK	1	1	**25.30**	**25.35**	**25.05**	0	22.5
		1	137	24.98	25.03	24.53	0	22.5
		1	271	24.92	24.90	24.72	0	22.5
		135	0	24.32	24.20	23.88	0	22.5
		135	69	**25.13**	**25.16**	**24.66**	0	22.5
		135	138	24.06	23.98	23.44	0	22.5
		270	0	24.13	**24.17**	23.61	0	22.5
	16QAM	1	1	24.26	24.44	23.94	0	22.5
	64QAM	1	1	22.37	22.62	22.42	0	22.5
	256QAM	1	1	20.33	20.40	20.15	2	20.5
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	25.03	25.32	24.96	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	25.09	25.25	24.93	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	24.98	25.23	24.89	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	24.89	25.27	24.78	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	24.96	25.30	24.83	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	24.88	24.85	24.61	0	22.5
BW	DFT-s-OFDM	Channel		503202	518598	534000	MPR	Max.

n41 (SCS 30kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	17.57	17.61	17.68	0	18.5
		1	137	17.66	17.65	17.65	0	25.5
		1	271	17.60	17.62	17.58	0	25.5
		135	0	17.57	17.55	17.70	0.5	25.0
		135	69	17.61	17.61	17.65	0	25.5
		135	138	17.66	17.64	17.61	0.5	25.0
		270	0	17.44	17.50	17.57	0.5	25.0
	QPSK	1	1	**17.72**	**17.69**	**17.65**	0	25.5
		1	137	17.51	17.55	17.56	0	25.5
		1	271	17.57	17.57	17.55	0	25.5
		135	0	17.42	17.42	17.47	1	24.5
		135	69	**17.64**	**17.58**	**17.60**	0	25.5
		135	138	17.38	17.41	17.53	1	24.5
		270	0	**17.63**	17.57	17.59	1	24.5
	16QAM	1	1	17.54	17.52	17.28	1	24.5
	64QAM	1	1	17.60	17.64	17.54	2.5	23.0
	256QAM	1	1	17.60	17.54	17.48	4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	17.49	17.59	17.56	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	17.46	17.48	17.60	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	17.50	17.47	17.57	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	17.70	17.64	17.53	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	17.38	17.52	17.55	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	17.48	17.54	17.50	0	25.5
BW	DFT-s-OFDM	Channel		503202	518598	534000	MPR	Max.

[MHz]	DFT-s-OFDM	Frequence (MHz)		2516.01	2592.99	2670	(dB)	Tune-up
40	QPSK	1	1	25.03	25.22	24.98	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	25.08	24.96	24.63	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	25.11	25.20	24.97	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	25.02	25.11	24.62	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	24.88	25.21	24.83	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	25.26	25.17	25.01	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	24.96	25.16	24.79	0	22.5

[MHz]	DFT-s-OFDM	Frequence (MHz)		2516.01	2592.99	2670	(dB)	Tune-up
40	QPSK	1	1	17.59	17.56	17.51	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	17.47	17.52	17.57	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	17.49	17.41	17.41	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	17.52	17.55	17.59	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	17.60	17.59	17.63	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	17.53	17.60	17.64	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	17.59	17.67	17.63	0	25.5

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n48 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	Pi/2 BPSK	1	1	18.85	18.90	18.88	0	20.5
		1	53	18.83	18.69	18.86	0	20.5
		1	104	18.84	18.76	18.89	0	20.5
		50	0	18.70	18.75	18.85	0	20.5
		50	28	18.66	18.79	18.67	0	20.5
		50	56	18.82	18.64	18.77	0	20.5
		100	0	18.64	18.69	18.66	0	20.5
	QPSK	1	1	**19.05**	**18.95**	**18.93**	0	20.5
		1	53	18.90	18.85	18.91	0	20.5
		1	104	18.72	18.78	18.70	0	20.5
		50	0	18.95	18.80	18.83	0	20.5
		50	28	**19.02**	**18.91**	**18.90**	0	20.5
		50	56	18.88	18.75	18.78	0	20.5
		100	0	**18.98**	18.68	18.58	0	20.5
	16QAM	1	1	18.86	18.86	18.74	0	20.5
	64QAM	1	1	18.33	18.35	18.33	0.5	20.0
	256QAM	1	1	16.85	16.80	16.74	2	18.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	18.86	18.95	18.72	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	18.99	18.83	18.81	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	18.97	18.84	18.79	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	18.91	18.83	18.86	0	20.5

n48 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	Pi/2 BPSK	1	1	22.79	22.41	22.62	0	24.0
		1	53	22.66	22.53	22.57	0	24.0
		1	104	22.54	22.34	22.51	0	24.0
		50	0	21.83	21.76	21.79	0.5	23.5
		50	28	22.76	22.71	22.75	0	24.0
		50	56	21.78	21.58	21.62	0.5	23.5
		100	0	21.82	21.63	21.68	0.5	23.5
	QPSK	1	1	**22.81**	**22.55**	**22.67**	0	24.0
		1	53	22.67	22.49	22.66	0	24.0
		1	104	22.53	22.33	22.52	0	24.0
		50	0	21.85	21.77	21.81	1	23.0
		50	28	**22.77**	**22.72**	**22.75**	0	24.0
		50	56	21.80	21.61	21.63	1	23.0
		100	0	**21.86**	21.65	21.73	1	23.0
	16QAM	1	1	21.65	21.57	21.59	1	23.0
	64QAM	1	1	19.72	19.61	19.65	2.5	21.5
	256QAM	1	1	18.27	18.16	18.21	4.5	19.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	22.65	22.51	22.54	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	22.68	22.63	22.61	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	22.78	22.52	22.59	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	22.64	22.53	22.62	0	24.0

n48 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	Pi/2 BPSK	1	1	22.00	21.63	21.74	0	23.5
		1	53	21.76	21.58	21.62	0	20.5
		1	104	21.62	21.54	21.59	0	20.5
		50	0	21.06	21.15	21.03	0	20.5
		50	28	21.91	21.82	21.75	0	20.5
		50	56	21.10	21.02	21.09	0	20.5
		100	0	21.01	21.11	21.02	0	20.5
	QPSK	1	1	**22.01**	**21.70**	**21.77**	0	20.5
		1	53	21.81	21.63	21.65	0	20.5
		1	104	21.66	21.63	21.67	0	20.5
		50	0	21.11	20.85	20.77	0	20.5
		50	28	**21.92**	**21.77**	**21.86**	0	20.5
		50	56	20.96	20.78	20.65	0	20.5
		100	0	**20.98**	20.87	20.73	0	20.5
	16QAM	1	1	21.07	20.87	20.68	0	20.5
	64QAM	1	1	19.28	19.09	19.09	0.5	20.0
	256QAM	1	1	17.25	17.15	17.12	2	18.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	21.86	21.75	21.76	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	21.88	21.66	21.74	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	21.95	21.70	21.75	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	21.87	21.75	21.81	0	20.5

n48 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	Pi/2 BPSK	1	1	17.45	17.27	17.46	0	18.0
		1	53	17.22	17.27	17.22	0	24.0
		1	104	17.48	17.50	17.27	0	24.0
		50	0	17.62	17.37	17.50	0.5	23.5
		50	28	17.28	17.38	17.31	0	24.0
		50	56	17.50	17.51	17.24	0.5	23.5
		100	0	17.48	17.31	17.43	0.5	23.5
	QPSK	1	1	**17.63**	**17.58**	**17.56**	0	24.0
		1	53	17.36	17.37	17.37	0	24.0
		1	104	17.58	17.56	17.43	0	24.0
		50	0	17.50	17.41	17.46	1	23.0
		50	28	**17.58**	**17.55**	**17.51**	0	24.0
		50	56	17.39	17.39	17.28	1	23.0
		100	0	**17.54**	17.52	17.50	1	23.0
	16QAM	1	1	17.30	17.32	17.21	1	23.0
	64QAM	1	1	17.39	17.46	17.39	2.5	21.5
	256QAM	1	1	17.44	17.33	17.54	4.5	19.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	17.45	17.32	17.55	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	17.58	17.37	17.39	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	17.52	17.30	17.36	0	24.0
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	17.60	17.31	17.47	0	24.0

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n66 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	21.09	21.12	20.99	0	22.0
		1	121	21.15	20.91	20.98	0	22.0
		1	240	21.06	21.12	21.11	0	22.0
		120	0	20.99	21.09	20.98	0	22.0
		120	61	21.01	20.95	20.99	0	22.0
		120	122	21.05	20.91	20.98	0	22.0
		240	0	20.85	21.22	21.25	0	22.0
	QPSK	1	1	**21.18**	**21.21**	**21.25**	0	22.0
		1	121	21.14	21.06	21.15	0	22.0
		1	240	21.06	21.20	21.20	0	22.0
		120	0	21.00	21.01	21.05	0	22.0
		120	61	**21.15**	**21.18**	**21.21**	0	22.0
		120	122	20.95	20.88	21.00	0	22.0
		240	0	21.02	21.03	**21.20**	0	22.0
	16QAM	1	1	20.95	20.93	20.98	0	22.0
	64QAM	1	1	20.17	20.15	20.23	0.5	21.5
	256QAM	1	1	18.68	18.72	18.77	2.5	19.5
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	20.97	21.09	21.19	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	20.99	21.01	21.19	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	21.03	20.96	21.03	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	21.13	20.94	21.09	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	20.91	21.11	21.02	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	20.92	21.08	21.16	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	21.05	20.97	21.06	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	21.05	21.11	21.01	0	22.0

n66 (SCS 15kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	23.62	23.75	23.66	0	25.0
		1	121	23.54	23.71	23.69	0	25.0
		1	240	23.58	23.74	23.62	0	25.0
		120	0	23.52	23.57	23.50	0.5	24.5
		120	61	23.65	23.71	23.76	0	25.0
		120	122	23.43	23.46	23.40	0.5	24.5
		240	0	23.58	23.67	23.71	0.5	24.5
	QPSK	1	1	**23.79**	**23.75**	**23.78**	0	25.0
		1	121	23.74	23.72	23.64	0	25.0
		1	240	23.68	23.70	23.61	0	25.0
		120	0	23.09	23.01	23.05	0.5	24.5
		120	61	**23.74**	**23.61**	**23.59**	0	25.0
		120	122	22.68	22.69	22.57	0.5	24.5
		240	0	**23.37**	23.32	23.26	0.5	24.5
	16QAM	1	1	23.21	23.27	23.13	0.5	24.5
	64QAM	1	1	21.17	21.11	21.19	2	23.0
	256QAM	1	1	19.65	19.78	19.76	4	21.0
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	23.73	23.70	23.50	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	23.66	23.74	23.69	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		21	349000	20.72	MPR (dB)	Max. Tune-up
		Frequence (MHz)		20.75	1745	20.71		
30	QPSK	1	1	23.57	23.64	23.59	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		21	349000	20.72	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	23.62	23.53	23.50	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	23.60	23.66	23.54	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	23.69	23.72	23.60	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	23.62	23.62	23.54	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	23.51	23.69	23.66	0	25.0

n66 (SCS 15kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	24.27	24.21	24.21	0	25.5
		1	121	24.13	24.01	23.98	0	22.0
		1	240	24.22	24.15	24.13	0	22.0
		120	0	23.81	23.73	23.67	0	22.0
		120	61	24.18	24.14	24.15	0	22.0
		120	122	23.43	23.39	23.34	0	22.0
		240	0	23.71	23.61	23.60	0	22.0
	QPSK	1	1	**24.34**	**24.38**	**24.32**	0	22.0
		1	121	24.23	24.17	24.21	0	22.0
		1	240	24.31	24.34	24.22	0	22.0
		120	0	23.20	23.13	23.10	0	22.0
		120	61	**24.26**	**24.29**	**24.25**	0	22.0
		120	122	23.03	22.86	22.98	0	22.0
		240	0	23.35	**23.39**	23.24	0	22.0
	16QAM	1	1	23.44	23.37	23.30	0	22.0
	64QAM	1	1	21.30	21.17	21.19	0.5	21.5
	256QAM	1	1	19.92	19.77	19.80	2.5	19.5
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	24.26	24.31	24.28	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	24.29	24.37	24.21	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	24.21	24.32	24.22	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	24.26	24.33	24.27	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	24.28	24.29	24.18	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	24.29	24.28	24.16	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	24.21	24.30	24.29	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	24.19	24.31	24.30	0	22.0

n66 (SCS 15kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	19.61	19.83	19.80	0	21.5
		1	121	19.66	19.76	19.65	0	25.0
		1	240	19.79	19.68	19.58	0	25.0
		120	0	19.63	19.74	19.62	0.5	24.5
		120	61	19.68	19.76	19.82	0	25.0
		120	122	19.65	19.69	19.71	0.5	24.5
		240	0	19.76	19.72	19.68	0.5	24.5
	QPSK	1	1	**19.82**	**19.85**	**19.81**	0	25.0
		1	121	19.80	19.81	19.80	0	25.0
		1	240	19.79	19.77	19.76	0	25.0
		120	0	19.66	19.64	19.67	1	24.0
		120	61	**19.78**	**19.82**	**19.77**	0	25.0
		120	122	19.71	19.63	19.72	1	24.0
		240	0	19.72	**19.78**	19.76	1	24.0
	16QAM	1	1	19.78	19.80	19.76	1	24.0
	64QAM	1	1	19.81	19.80	19.72	2.5	22.5
	256QAM	1	1	19.17	19.27	19.32	4.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	19.80	19.70	19.76	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	19.61	19.82	19.81	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	19.78	19.69	19.73	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	19.81	19.79	19.73	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	19.78	19.78	19.68	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	19.67	19.67	19.64	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	19.82	19.83	19.72	0	25.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	19.61	19.76	19.67	0	25.0

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Part27Q_n77 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		15.70		0	17.0
		1	137		15.43		0	17.0
		1	271		15.44		0	17.0
		135	0		15.45		0	17.0
		135	69		15.39		0	17.0
		135	138		15.47		0	17.0
		270	0		15.47		0	17.0
	QPSK	1	1		**15.74**		0	17.0
		1	137		15.65		0	17.0
		1	271		15.65		0	17.0
		135	0		15.70		0	17.0
		135	69		**15.72**		0	17.0
		135	138		15.51		0	17.0
		270	0		**15.70**		0	17.0
	16QAM	1	1		15.63		0	17.0
	64QAM	1	1		15.43		0	17.0
	256QAM	1	1		15.48		0	17.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	15.57	15.57	15.50	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	15.61	15.59	15.67	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	15.55	15.69	15.53	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	15.63	15.55	15.65	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	15.50	15.66	15.50	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	15.63	15.53	15.62	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	15.55	15.67	15.49	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	15.55	15.64	15.57	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	15.48	15.70	15.52	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	15.68	15.70	15.60	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	15.53	15.58	15.51	0	17.0

Part27O_n77 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	15.14	15.41	15.55	0	17.0
		1	137	15.20	15.60	15.55	0	17.0
		1	271	15.06	15.59	15.41	0	17.0
		135	0	15.27	15.42	15.57	0	17.0
		135	69	15.12	15.49	15.46	0	17.0
		135	138	15.18	15.60	15.44	0	17.0
		270	0	15.13	15.61	15.39	0	17.0
	QPSK	1	1	**15.34**	**15.64**	**15.61**	0	17.0
		1	137	15.29	15.62	15.51	0	17.0
		1	271	15.23	15.54	15.60	0	17.0
		135	0	15.05	15.50	15.47	0	17.0
		135	69	**15.31**	**15.61**	**15.59**	0	17.0
		135	138	15.06	15.60	15.53	0	17.0
		270	0	15.14	**15.56**	15.48	0	17.0
	16QAM	1	1	15.27	15.44	15.55	0	17.0
	64QAM	1	1	15.15	15.49	15.32	0	17.0
	256QAM	1	1	15.11	15.55	15.56	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	15.03	15.35	15.35	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	15.05	15.34	15.35	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	15.08	15.34	15.43	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	15.01	15.46	15.36	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	15.02	15.29	15.45	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	15.09	15.48	15.37	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	15.21	15.39	15.44	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	15.22	15.41	15.43	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	15.05	15.28	15.45	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	15.04	15.49	15.30	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	15.16	15.47	15.31	0	17.0

Part27Q_n77 (SCS 30kHz)_Ant1(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		17.49		0	19.0
		1	137		17.44		0	17.0
		1	271		17.50		0	17.0
		135	0		17.45		0	17.0
		135	69		17.48		0	17.0
		135	138		17.45		0	17.0
		270	0		17.46		0	17.0
	QPSK	1	1		**17.54**		0	17.0
		1	137		17.50		0	17.0
		1	271		17.49		0	17.0
		135	0		17.48		0	17.0
		135	69		**17.52**		0	17.0
		135	138		17.50		0	17.0
		270	0		**17.48**		0	17.0
	16QAM	1	1		17.47		0	17.0
	64QAM	1	1		17.52		0	17.0
	256QAM	1	1		17.52		0	17.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	17.52	17.26	17.39	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	17.27	17.26	17.42	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	17.42	17.20	17.52	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	17.51	17.13	17.38	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	17.32	17.21	17.50	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	17.46	17.21	17.44	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	17.32	17.31	17.47	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	17.53	17.29	17.52	0	17.0
BW	DFT-s-OFDM	Channel		630668	633334	636000	MPR	Max.

Part27O_n77 (SCS 30kHz)_Ant1(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	17.35	17.57	17.42	0	19.0
		1	137	17.42	17.57	17.47	0	17.0
		1	271	17.35	17.57	17.41	0	17.0
		135	0	17.33	17.58	17.50	0	17.0
		135	69	17.38	17.67	17.45	0	17.0
		135	138	17.34	17.59	17.48	0	17.0
		270	0	17.39	17.63	17.48	0	17.0
	QPSK	1	1	**17.50**	**17.75**	**17.59**	0	17.0
		1	137	17.35	17.58	17.49	0	17.0
		1	271	17.41	17.63	17.45	0	17.0
		135	0	17.32	17.63	17.47	0	17.0
		135	69	**17.44**	**17.69**	**17.51**	0	17.0
		135	138	17.42	17.57	17.49	0	17.0
		270	0	17.40	**17.67**	17.46	0	17.0
	16QAM	1	1	17.34	17.61	17.41	0	17.0
	64QAM	1	1	17.38	17.67	17.50	0	17.0
	256QAM	1	1	17.34	17.65	17.47	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	17.30	17.62	17.44	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	17.33	17.66	17.42	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	17.32	17.44	17.39	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	17.26	17.55	17.32	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	17.42	17.54	17.45	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	17.49	17.65	17.46	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	17.42	17.55	17.36	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	17.47	17.55	17.33	0	17.0
BW	DFT-s-OFDM	Channel		647334	656000	664666	MPR	Max.

[MHz]	DFT-s-OFDM	Frequence (MHz)		3460.02	3500.01	3540	(dB)	Tune-up
20	QPSK	1	1	17.45	17.50	17.46	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	17.45	17.41	17.49	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	17.47	17.24	17.52	0	17.0

[MHz]	DFT-s-OFDM	Frequence (MHz)		3710.01	3840	3969.99	(dB)	Tune-up
20	QPSK	1	1	17.36	17.47	17.56	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	17.32	17.52	17.53	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	17.41	17.52	17.46	0	17.0

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Part27Q_n77 (SCS 30kHz)_Ant2

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		21.53		0	22.0
		1	137		21.29		0	22.0
		1	271		21.41		0	22.0
		135	0		21.48		0	22.0
		135	69		21.22		0	22.0
		135	138		21.44		0	22.0
		270	0		21.46		0	22.0
	QPSK	1	1		**21.55**		0	22.0
		1	137		21.25		0	22.0
		1	271		21.39		0	22.0
		135	0		21.36		0	22.0
		135	69		**21.40**		0	22.0
		135	138		21.26		0	22.0
		270	0		**21.25**		0	22.0
	16QAM	1	1		21.46		0	22.0
	64QAM	1	1		21.15		0	22.0
	256QAM	1	1		21.47		0	22.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	21.04	21.17	21.27	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	20.92	20.99	21.16	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	21.06	21.15	21.23	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	21.02	21.11	21.24	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	21.17	21.27	21.25	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	21.00	21.28	21.31	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	21.02	20.91	21.02	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	20.98	21.21	21.19	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	20.83	21.03	21.15	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	21.18	21.25	21.21	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	20.92	21.11	21.18	0	22.0

Part27O_n77 (SCS 30kHz)_Ant2

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	21.04	21.40	21.35	0	22.0
		1	137	20.94	21.19	21.30	0	22.0
		1	271	20.88	21.13	21.24	0	22.0
		135	0	21.01	21.41	21.34	0	22.0
		135	69	20.94	21.13	21.12	0	22.0
		135	138	20.83	21.10	21.25	0	22.0
		270	0	20.91	21.21	21.39	0	22.0
	QPSK	1	1	**21.05**	**21.31**	**21.42**	0	22.0
		1	137	21.01	21.04	21.09	0	22.0
		1	271	20.98	21.07	21.24	0	22.0
		135	0	21.03	21.23	21.24	0	22.0
		135	69	**21.10**	**21.29**	**21.38**	0	22.0
		135	138	21.02	21.25	21.17	0	22.0
		270	0	20.95	21.10	**21.19**	0	22.0
	16QAM	1	1	21.07	21.12	21.26	0	22.0
	64QAM	1	1	21.22	21.30	21.29	0	22.0
	256QAM	1	1	21.06	21.25	21.24	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	20.87	21.08	21.26	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	20.85	21.05	21.09	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	21.00	21.35	21.21	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	20.97	21.23	21.36	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	20.95	20.98	21.18	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	20.98	21.10	21.17	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	20.96	21.23	21.15	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	20.94	21.10	21.15	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	21.04	21.11	21.23	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	20.88	21.09	21.27	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	20.95	21.30	21.28	0	22.0

Part27Q_n77 (SCS 30kHz)_Ant2(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		22.99		0	24.0
		1	137		22.98		0	22.0
		1	271		22.98		0	22.0
		135	0		22.93		0	22.0
		135	69		22.93		0	22.0
		135	138		23.06		0	22.0
		270	0		22.93		0	22.0
	QPSK	1	1		**23.41**		0	22.0
		1	137		23.23		0	22.0
		1	271		23.34		0	22.0
		135	0		23.29		0	22.0
		135	69		**23.32**		0	22.0
		135	138		23.20		0	22.0
		270	0		**23.25**		0	22.0
	16QAM	1	1		23.36		0	22.0
	64QAM	1	1		23.38		0	22.0
	256QAM	1	1		22.89		0	22.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	22.89	23.28	23.04	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	23.03	23.29	23.27	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	23.14	23.32	23.31	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	23.08	23.25	23.11	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	23.17	23.05	23.14	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	22.98	22.97	23.11	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	23.07	23.01	23.02	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	23.04	22.92	23.13	0	22.0
BW	DFT-s-OFDM	Channel		630668	633334	636000	MPR	Max.

Part27O_n77 (SCS 30kHz)_Ant2(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	23.10	23.06	23.25	0	24.0
		1	137	23.06	23.07	23.14	0	22.0
		1	271	23.19	23.09	23.10	0	22.0
		135	0	23.11	23.03	23.16	0	22.0
		135	69	22.97	22.98	23.06	0	22.0
		135	138	23.00	23.07	22.98	0	22.0
		270	0	23.19	22.98	23.11	0	22.0
	QPSK	1	1	**23.21**	**23.50**	**23.36**	0	22.0
		1	137	23.00	23.31	23.09	0	22.0
		1	271	23.09	23.36	23.35	0	22.0
		135	0	23.08	23.31	23.34	0	22.0
		135	69	**23.17**	**23.42**	**23.35**	0	22.0
		135	138	23.15	23.33	23.22	0	22.0
		270	0	23.10	**23.27**	23.24	0	22.0
	16QAM	1	1	23.25	23.27	23.43	0	22.0
	64QAM	1	1	23.11	23.16	23.11	0	22.0
	256QAM	1	1	22.96	22.85	22.78	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	23.03	22.99	23.18	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	23.08	22.91	23.12	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	22.89	22.87	23.00	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	22.91	22.95	22.90	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	22.99	23.19	23.08	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	23.06	23.34	23.20	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	23.10	23.26	23.07	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	23.08	23.13	23.20	0	22.0
BW	DFT-s-OFDM	Channel		647334	656000	664666	MPR	Max.

[MHz]	DFT-s-OFDM	Frequence (MHz)		3460.02	3500.01	3540	(dB)	Tune-up
20	QPSK	1	1	22.84	22.85	22.99	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	22.97	22.92	22.87	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	23.10	22.94	23.09	0	22.0

[MHz]	DFT-s-OFDM	Frequence (MHz)		3710.01	3840	3969.99	(dB)	Tune-up
20	QPSK	1	1	23.23	22.99	23.07	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	23.15	23.07	22.96	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	22.97	22.90	23.05	0	22.0

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Part27Q_n77 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		22.70		0	23.5
		1	137		22.63		0	23.5
		1	271		22.71		0	23.5
		135	0		22.71		0	23.5
		135	69		22.72		0	23.5
		135	138		22.56		0	23.5
		270	0		22.71		0	23.5
	QPSK	1	1		**22.83**		0	23.5
		1	137		22.55		0	23.5
		1	271		22.56		0	23.5
		135	0		22.69		0	23.5
		135	69		**22.73**		0	23.5
		135	138		22.65		0	23.5
		270	0		**22.72**		0	23.5
	16QAM	1	1		22.60		0	23.5
	64QAM	1	1		22.53		0	23.5
	256QAM	1	1		22.75		0	23.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	22.20	22.09	22.08	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	22.32	22.12	22.05	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	22.72	22.47	22.03	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	22.79	22.43	22.12	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	22.42	22.32	22.05	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	22.56	22.58	22.22	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	22.44	22.61	22.13	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	22.76	22.44	22.06	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	22.50	22.55	22.24	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	22.40	22.29	22.16	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	22.50	22.51	22.17	0	23.5

Part27O_n77 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	22.61	22.47	22.15	0	23.5
		1	137	22.60	22.38	22.12	0	23.5
		1	271	22.47	22.19	22.15	0	23.5
		135	0	22.38	22.34	22.13	0	23.5
		135	69	22.39	22.41	22.24	0	23.5
		135	138	22.43	22.26	22.09	0	23.5
		270	0	22.51	22.35	22.10	0	23.5
	QPSK	1	1	**22.69**	**22.44**	**22.18**	0	23.5
		1	137	22.41	22.24	22.14	0	23.5
		1	271	22.29	22.30	22.06	0	23.5
		135	0	22.61	22.37	22.07	0	23.5
		135	69	**22.63**	**22.42**	**22.17**	0	23.5
		135	138	22.50	22.34	22.08	0	23.5
		270	0	**22.53**	22.42	22.14	0	23.5
	16QAM	1	1	22.31	22.38	22.10	0	23.5
	64QAM	1	1	22.59	22.56	22.29	0	23.5
	256QAM	1	1	22.41	22.52	22.57	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	22.45	22.17	22.10	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	22.34	22.25	22.08	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	22.35	22.23	22.01	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	22.66	22.32	21.98	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	22.33	22.20	22.11	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	22.48	22.23	22.02	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	22.57	22.30	22.14	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	22.20	22.32	21.95	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	22.27	22.19	22.01	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	22.59	22.26	21.98	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	22.47	22.30	22.00	0	23.5

Part27Q_n77 (SCS 30kHz)_Ant3(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		24.84		0	25.5
		1	137		24.51		0	23.5
		1	271		24.36		0	23.5
		135	0		24.50		0	23.5
		135	69		24.56		0	23.5
		135	138		24.20		0	23.5
		270	0		24.07		0	23.5
	QPSK	1	1		**24.85**		0	23.5
		1	137		24.51		0	23.5
		1	271		24.50		0	23.5
		135	0		24.06		0	23.5
		135	69		**24.72**		0	23.5
		135	138		24.63		0	23.5
		270	0		**24.56**		0	23.5
	16QAM	1	1		24.63		0	23.5
	64QAM	1	1		24.82		0	23.5
	256QAM	1	1		22.71		0	23.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	24.58	24.61	24.55	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	24.67	24.82	24.56	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	24.60	24.59	24.65	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	24.68	24.78	24.67	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	24.57	24.69	24.60	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	24.63	24.62	24.66	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	24.78	24.80	24.54	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	24.67	24.68	24.65	0	23.5
BW	DFT-s-OFDM	Channel		630668	633334	636000	MPR	Max.

Part27O_n77 (SCS 30kHz)_Ant3(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	24.36	24.69	24.44	0	25.5
		1	137	24.12	24.61	24.11	0	23.5
		1	271	24.23	24.13	24.01	0	23.5
		135	0	24.06	24.06	24.02	0	23.5
		135	69	24.24	24.31	24.33	0	23.5
		135	138	24.00	24.12	24.00	0	23.5
		270	0	23.95	23.97	23.97	0	23.5
	QPSK	1	1	**24.25**	**24.77**	**24.55**	0	23.5
		1	137	24.02	24.59	24.08	0	23.5
		1	271	24.18	24.38	24.08	0	23.5
		135	0	23.57	24.02	23.64	0	23.5
		135	69	**24.45**	**24.65**	**24.60**	0	23.5
		135	138	24.38	24.59	24.51	0	23.5
		270	0	24.24	**24.53**	24.33	0	23.5
	16QAM	1	1	24.45	24.37	24.59	0	23.5
	64QAM	1	1	24.64	24.56	24.49	0	23.5
	256QAM	1	1	22.74	22.52	22.57	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	24.28	24.54	24.29	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	24.14	24.67	24.42	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	24.30	24.66	24.35	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	24.03	24.59	24.05	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	24.15	24.21	24.29	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	24.24	24.75	24.50	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	24.04	24.32	24.01	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	24.21	24.54	24.31	0	23.5
BW	DFT-s-OFDM	Channel		647334	656000	664666	MPR	Max.

[MHz]	DFT-s-OFDM	Frequence (MHz)		3460.02	3500.01	3540	(dB)	Tune-up
20	QPSK	1	1	24.65	24.78	24.70	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	24.68	24.67	24.61	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	24.68	24.65	24.67	0	23.5

[MHz]	DFT-s-OFDM	Frequence (MHz)		3710.01	3840	3969.99	(dB)	Tune-up
20	QPSK	1	1	24.18	24.29	24.22	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	24.15	24.66	24.46	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	24.31	24.61	24.40	0	23.5

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Part27Q_n77 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		14.85		0	16.0
		1	137		14.78		0	16.0
		1	271		14.75		0	16.0
		135	0		14.76		0	16.0
		135	69		14.82		0	16.0
		135	138		14.79		0	16.0
		270	0		14.81		0	16.0
	QPSK	1	1		**14.95**		0	16.0
		1	137		14.78		0	16.0
		1	271		14.81		0	16.0
		135	0		14.82		0	16.0
		135	69		**14.92**		0	16.0
		135	138		14.77		0	16.0
		270	0		**14.90**		0	16.0
	16QAM	1	1		14.87		0	16.0
	64QAM	1	1		14.79		0	16.0
	256QAM	1	1		14.77		0	16.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	14.85	14.76	14.92	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	14.80	14.81	14.80	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	14.72	14.74	14.86	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	14.62	14.78	14.76	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	14.68	14.80	14.90	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	14.90	14.66	14.77	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	14.80	14.79	14.80	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	14.66	14.69	14.73	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	14.91	14.73	14.94	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	14.83	14.70	14.76	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	14.82	14.77	14.75	0	16.0

Part27O_n77 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	14.79	14.75	14.79	0	16.0
		1	137	14.88	14.72	14.81	0	16.0
		1	271	14.83	14.74	14.75	0	16.0
		135	0	14.85	14.78	14.75	0	16.0
		135	69	14.78	14.83	14.79	0	16.0
		135	138	14.78	14.76	14.73	0	16.0
		270	0	14.84	14.76	14.79	0	16.0
	QPSK	1	1	**14.97**	**15.00**	**14.93**	0	16.0
		1	137	14.84	14.71	14.75	0	16.0
		1	271	14.80	14.77	14.82	0	16.0
		135	0	14.79	14.72	14.80	0	16.0
		135	69	**14.94**	**14.97**	**14.90**	0	16.0
		135	138	14.87	14.78	14.85	0	16.0
		270	0	14.78	**14.96**	14.73	0	16.0
	16QAM	1	1	14.87	14.74	14.79	0	16.0
	64QAM	1	1	14.84	14.74	14.79	0	16.0
	256QAM	1	1	14.85	14.75	14.84	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	14.65	14.78	14.91	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	14.84	14.86	14.71	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	14.79	14.72	14.67	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	14.87	14.84	14.78	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	14.77	14.77	14.76	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	14.74	14.91	14.71	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	14.77	14.89	14.88	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	14.89	14.89	14.75	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	14.75	14.82	14.75	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	14.90	14.73	14.83	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	14.76	14.88	14.82	0	16.0

Part27Q_n77 (SCS 30kHz)_Ant7(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		16.54		0	18.0
		1	137		16.51		0	16.0
		1	271		16.60		0	16.0
		135	0		16.60		0	16.0
		135	69		16.55		0	16.0
		135	138		16.52		0	16.0
		270	0		16.62		0	16.0
	QPSK	1	1		**16.70**		0	16.0
		1	137		16.60		0	16.0
		1	271		16.54		0	16.0
		135	0		16.51		0	16.0
		135	69		**16.67**		0	16.0
		135	138		16.50		0	16.0
		270	0		**16.64**		0	16.0
	16QAM	1	1		16.58		0	16.0
	64QAM	1	1		16.50		0	16.0
	256QAM	1	1		16.53		0	16.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	16.67	16.52	16.67	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	16.46	16.54	16.61	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	16.45	16.43	16.67	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	16.54	16.54	16.68	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	16.59	16.50	16.62	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	16.69	16.51	16.68	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	16.49	16.50	16.57	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	16.46	16.50	16.61	0	16.0
BW	DFT-s-OFDM	Channel		630668	633334	636000	MPR	Max.

Part27O_n77 (SCS 30kHz)_Ant7(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	16.19	16.65	16.56	0	18.0
		1	137	16.17	16.60	16.54	0	16.0
		1	271	16.14	16.65	16.47	0	16.0
		135	0	16.12	16.62	16.45	0	16.0
		135	69	16.22	16.69	16.53	0	16.0
		135	138	16.13	16.71	16.45	0	16.0
		270	0	16.12	16.61	16.46	0	16.0
	QPSK	1	1	**16.31**	**16.79**	**16.64**	0	16.0
		1	137	16.17	16.64	16.56	0	16.0
		1	271	16.20	16.70	16.48	0	16.0
		135	0	16.11	16.71	16.49	0	16.0
		135	69	**16.28**	**16.77**	**16.62**	0	16.0
		135	138	16.14	16.68	16.56	0	16.0
		270	0	16.23	**16.73**	16.59	0	16.0
	16QAM	1	1	16.21	16.68	16.44	0	16.0
	64QAM	1	1	16.15	16.60	16.55	0	16.0
	256QAM	1	1	16.13	16.68	16.53	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	16.25	16.71	16.46	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	16.28	16.50	16.47	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	16.30	16.56	16.48	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	16.23	16.65	16.62	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	16.24	16.52	16.68	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	16.19	16.51	16.70	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	16.14	16.74	16.55	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	16.23	16.58	16.66	0	16.0
BW	DFT-s-OFDM	Channel		647334	656000	664666	MPR	Max.

[MHz]	DFT-s-OFDM	Frequence (MHz)		3460.02	3500.01	3540	(dB)	Tune-up
20	QPSK	1	1	16.37	16.51	16.69	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	16.45	16.48	16.65	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	16.56	16.55	16.53	0	16.0

[MHz]	DFT-s-OFDM	Frequence (MHz)		3710.01	3840	3969.99	(dB)	Tune-up
20	QPSK	1	1	16.36	16.71	16.50	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	16.22	16.55	16.60	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	16.40	16.47	16.64	0	16.0

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Part27Q_n78 (SCS 30kHz)_Ant1

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		16.23		0	17.5
		1	137		16.32		0	17.5
		1	271		16.21		0	17.5
		135	0		16.25		0	17.5
		135	69		16.25		0	17.5
		135	138		16.32		0	17.5
		270	0		16.32		0	17.5
	QPSK	1	1		**16.40**		0	17.5
		1	137		16.31		0	17.5
		1	271		16.23		0	17.5
		135	0		16.24		0	17.5
		135	69		**16.37**		0	17.5
		135	138		16.27		0	17.5
		270	0		**16.35**		0	17.5
	16QAM	1	1		16.29		0	17.5
	64QAM	1	1		16.26		0	17.5
	256QAM	1	1		16.30		0	17.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	16.20	16.20	16.38	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	16.10	16.17	16.29	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	16.17	16.31	16.17	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	16.06	16.12	16.23	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	16.07	16.32	16.32	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	16.28	16.36	16.12	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	16.09	16.34	16.21	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	16.03	16.16	16.17	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	16.06	16.20	16.30	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	16.15	16.13	16.22	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	16.05	16.27	16.24	0	17.5

Part27Q_n78 (SCS 30kHz)_Ant1(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		17.81		0	19.5
		1	137		17.76		0	19.5
		1	271		17.78		0	19.5
		135	0		17.86		0	19.5
		135	69		17.76		0	19.5
		135	138		17.79		0	19.5
		270	0		17.82		0	19.5
	QPSK	1	1		**17.94**		0	19.5
		1	137		17.86		0	19.5
		1	271		17.81		0	19.5
		135	0		17.74		0	19.5
		135	69		**17.91**		0	19.5
		135	138		17.83		0	19.5
		270	0		**17.88**		0	19.5
	16QAM	1	1		17.76		0	19.5
	64QAM	1	1		17.80		0	19.5
	256QAM	1	1		17.79		0	19.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	17.76	17.67	17.74	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	17.72	17.85	17.80	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	17.76	17.66	17.70	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	17.58	17.68	17.92	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	17.73	17.71	17.68	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	17.52	17.66	17.86	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	17.61	17.71	17.80	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	17.52	17.68	17.80	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	17.74	17.83	17.82	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	17.62	17.69	17.80	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	17.73	17.69	17.75	0	19.5

Part27Q_n78 (SCS 30kHz)_Ant2

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		21.40		0	22.0
		1	137		21.27		0	17.5
		1	271		21.22		0	17.5
		135	0		21.24		0	17.5
		135	69		21.09		0	17.5
		135	138		21.02		0	17.5
		270	0		21.23		0	17.5
	QPSK	1	1		**21.47**		0	17.5
		1	137		21.11		0	17.5
		1	271		21.40		0	17.5
		135	0		21.41		0	17.5
		135	69		**21.42**		0	17.5
		135	138		21.22		0	17.5
		270	0		**21.37**		0	17.5
	16QAM	1	1		21.22		0	17.5
	64QAM	1	1		21.01		0	17.5
	256QAM	1	1		21.12		0	17.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	21.12	21.05	21.32	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	21.10	21.06	21.23	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	20.87	21.03	21.01	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	21.25	20.94	21.13	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	20.96	21.36	21.07	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	21.12	21.35	21.33	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	21.21	21.31	21.28	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	21.23	21.34	21.45	0	17.5
BW	DFT-s-OFDM	Channel		630668	633334	636000	MPR	Max.

Part27Q_n78 (SCS 30kHz)_Ant2(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		23.24		0	24.0
		1	137		23.08		0	19.5
		1	271		23.12		0	19.5
		135	0		23.15		0	19.5
		135	69		23.13		0	19.5
		135	138		23.09		0	19.5
		270	0		23.05		0	19.5
	QPSK	1	1		**23.32**		0	19.5
		1	137		23.17		0	19.5
		1	271		23.25		0	19.5
		135	0		23.21		0	19.5
		135	69		**23.29**		0	19.5
		135	138		23.10		0	19.5
		270	0		**23.15**		0	19.5
	16QAM	1	1		23.07		0	19.5
	64QAM	1	1		23.14		0	19.5
	256QAM	1	1		23.25		0	19.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	22.99	22.88	23.19	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	22.88	22.96	22.95	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	22.91	22.89	22.94	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	22.81	22.88	22.76	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	23.08	22.83	22.99	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	22.78	23.11	22.90	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	22.93	23.28	23.08	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	23.05	23.12	23.22	0	19.5
BW	DFT-s-OFDM	Channel		630668	633334	636000	MPR	Max.

[MHz]	DFT-s-OFDM	Frequence (MHz)		3460.02	3500.01	3540	(dB)	Tune-up
20	QPSK	1	1	21.11	21.20	21.18	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	20.99	21.00	21.19	0	17.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	21.06	21.04	21.12	0	17.5

[MHz]	DFT-s-OFDM	Frequence (MHz)		3460.02	3500.01	3540	(dB)	Tune-up
20	QPSK	1	1	23.01	23.10	23.06	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	23.02	22.78	23.00	0	19.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	22.94	22.81	23.01	0	19.5

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Part27Q_n78 (SCS 30kHz)_Ant3

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		22.98		0	23.5
		1	137		22.92		0	23.5
		1	271		22.90		0	23.5
		135	0		22.97		0	23.5
		135	69		22.74		0	23.5
		135	138		22.83		0	23.5
		270	0		22.94		0	23.5
	QPSK	1	1		**23.14**		0	23.5
		1	137		22.95		0	23.5
		1	271		22.92		0	23.5
		135	0		22.91		0	23.5
		135	69		**23.01**		0	23.5
		135	138		22.83		0	23.5
		270	0		**23.01**		0	23.5
	16QAM	1	1		22.97		0	23.5
	64QAM	1	1		23.05		0	23.5
	256QAM	1	1		23.03		0	23.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	22.80	22.64	22.86	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	22.68	22.95	22.79	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	22.60	22.67	22.82	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	22.71	22.68	22.81	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	22.57	22.90	22.73	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	22.77	22.64	22.93	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	22.51	22.99	22.78	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	22.76	22.94	22.85	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	22.65	22.69	22.50	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	22.53	22.71	22.66	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	22.54	22.92	22.65	0	23.5

Part27Q_n78 (SCS 30kHz)_Ant3(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		24.84		0	25.5
		1	137		24.58		0	25.5
		1	271		24.51		0	25.5
		135	0		24.72		0	25.5
		135	69		24.78		0	25.5
		135	138		24.59		0	25.5
		270	0		24.61		0	25.5
	QPSK	1	1		**24.87**		0	25.5
		1	137		24.41		0	25.5
		1	271		24.61		0	25.5
		135	0		24.59		0	25.5
		135	69		**24.73**		0	25.5
		135	138		24.64		0	25.5
		270	0		**24.71**		0	25.5
	16QAM	1	1		24.67		0	25.5
	64QAM	1	1		24.64		0	25.5
	256QAM	1	1		22.58		2	23.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	24.82	24.80	24.77	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	24.71	24.81	24.73	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	24.79	24.83	24.77	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	24.66	24.78	24.72	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	24.79	24.82	24.76	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	24.68	24.72	24.71	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	24.78	24.51	24.58	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	24.67	24.84	24.69	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	24.82	24.77	24.68	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	24.64	24.71	24.69	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	24.70	24.75	24.64	0	25.5

Part27Q_n78 (SCS 30kHz)_Ant7

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		13.77		0	15.0
		1	137		13.81		0	23.5
		1	271		13.80		0	23.5
		135	0		13.75		0	23.5
		135	69		13.80		0	23.5
		135	138		13.83		0	23.5
		270	0		13.77		0	23.5
	QPSK	1	1		**13.92**		0	23.5
		1	137		13.77		0	23.5
		1	271		13.77		0	23.5
		135	0		13.75		0	23.5
		135	69		**13.90**		0	23.5
		135	138		13.78		0	23.5
		270	0		**13.87**		0	23.5
	16QAM	1	1		13.74		0	23.5
	64QAM	1	1		13.73		0	23.5
	256QAM	1	1		13.79		0	23.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.72	13.91	13.75	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	13.86	13.76	13.75	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.77	13.73	13.69	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	13.65	13.90	13.71	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.64	13.81	13.84	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.64	13.72	13.78	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.76	13.90	13.89	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	13.64	13.66	13.91	0	23.5
BW	DFT-s-OFDM	Channel		630668	633334	636000	MPR	Max.

Part27Q_n78 (SCS 30kHz)_Ant7(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		15.67		0	17.0
		1	137		15.68		0	25.5
		1	271		15.69		0	25.5
		135	0		15.70		0	25.5
		135	69		15.73		0	25.5
		135	138		15.68		0	25.5
		270	0		15.69		0	25.5
	QPSK	1	1		**15.80**		0	25.5
		1	137		15.64		0	25.5
		1	271		15.73		0	25.5
		135	0		15.74		0	25.5
		135	69		**15.77**		0	25.5
		135	138		15.75		0	25.5
		270	0		**15.75**		0	25.5
	16QAM	1	1		15.75		0	25.5
	64QAM	1	1		15.68		0	25.5
	256QAM	1	1		15.75		2	23.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	15.68	15.38	15.66	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	15.50	15.63	15.69	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	15.69	15.48	15.56	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	15.59	15.50	15.51	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	15.69	15.66	15.74	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	15.48	15.47	15.47	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	15.60	15.46	15.51	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	15.60	15.62	15.65	0	25.5
BW	DFT-s-OFDM	Channel		630668	633334	636000	MPR	Max.

[MHz]	DFT-s-OFDM	Frequence (MHz)		3460.02	3500.01	3540	(dB)	Tune-up
20	QPSK	1	1	13.72	13.82	13.85	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	13.72	13.73	13.67	0	23.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	13.87	13.76	13.86	0	23.5

[MHz]	DFT-s-OFDM	Frequence (MHz)		3460.02	3500.01	3540	(dB)	Tune-up
20	QPSK	1	1	15.54	15.52	15.67	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	15.71	15.58	15.62	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	15.56	15.41	15.55	0	25.5

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n2 (SCS 15kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		374000	376000	378000		
		Frequence (MHz)		1870	1880	1890		
40	Pi/2 BPSK	1	1	16.40	16.40	16.32	0	18.0
		1	108	16.37	16.33	16.19	0	18.0
		1	214	16.33	16.42	16.27	0	18.0
		108	0	16.35	16.30	16.36	0	18.0
		108	54	16.30	16.42	16.34	0	18.0
		108	108	16.43	16.33	16.45	0	18.0
		216	0	16.37	16.39	16.32	0	18.0
	QPSK	1	1	**16.44**	**16.47**	**16.40**	0	18.0
		1	108	16.42	16.30	16.34	0	18.0
		1	214	16.36	16.40	16.37	0	18.0
		108	0	16.18	16.39	16.35	0	18.0
		108	54	**16.42**	**16.45**	**16.38**	0	18.0
		108	108	16.40	16.43	16.34	0	18.0
		216	0	16.24	**16.43**	16.31	0	18.0
	16QAM	1	1	16.41	16.33	16.42	0	18.0
	64QAM	1	1	16.22	16.43	16.19	0	18.0
	256QAM	1	1	16.40	16.41	16.33	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		373500	376000	378500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1867.5	1880	1892.5		
35	QPSK	1	1	16.44	16.34	16.45	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		373000	376000	379000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1865	1880	1895		
30	QPSK	1	1	16.36	16.32	16.28	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		372500	376000	379500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1862.5	1880	1897.5		
25	QPSK	1	1	16.30	16.36	16.26	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		372000	376000	380000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1860	1880	1900		
20	QPSK	1	1	16.27	16.32	16.31	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5		
15	QPSK	1	1	16.42	16.40	16.28	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1855	1880	1905		
10	QPSK	1	1	16.36	16.45	16.32	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5		
5	QPSK	1	1	16.31	16.32	16.34	0	18.0

n2 (SCS 15kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		374000	376000	378000		
		Frequence (MHz)		1870	1880	1890		
40	Pi/2 BPSK	1	1	16.38	16.54	16.37	0	17.5
		1	108	16.08	16.27	15.97	0	18.0
		1	214	16.54	16.55	16.22	0	18.0
		108	0	16.16	16.13	16.00	0	18.0
		108	54	16.05	16.31	15.97	0	18.0
		108	108	16.17	16.27	16.06	0	18.0
		216	0	15.93	16.17	16.00	0	18.0
	QPSK	1	1	**16.58**	**16.64**	**16.41**	0	18.0
		1	108	16.26	16.31	16.15	0	18.0
		1	214	16.11	16.36	16.08	0	18.0
		108	0	16.40	16.56	16.30	0	18.0
		108	54	**16.52**	**16.61**	**16.38**	0	18.0
		108	108	16.24	16.15	16.13	0	18.0
		216	0	15.97	**16.55**	15.90	0	18.0
	16QAM	1	1	16.39	16.55	16.21	0	18.0
	64QAM	1	1	16.11	16.27	15.95	0	18.0
	256QAM	1	1	16.08	16.30	15.99	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		373500	376000	378500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1867.5	1880	1892.5		
35	QPSK	1	1	16.50	16.51	16.42	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		373000	376000	379000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1865	1880	1895		
30	QPSK	1	1	16.51	16.54	16.30	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		372500	376000	379500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1862.5	1880	1897.5		
25	QPSK	1	1	16.56	16.60	16.33	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		372000	376000	380000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1860	1880	1900		
20	QPSK	1	1	16.51	16.43	16.32	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		371500	376000	380500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5		
15	QPSK	1	1	16.47	16.46	16.40	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		371000	376000	381000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1855	1880	1905		
10	QPSK	1	1	16.57	16.48	16.32	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		370500	376000	381500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5		
5	QPSK	1	1	16.46	16.58	16.27	0	18.0

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n5 (SCS 15kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			167300			
		Frequence (MHz)			836.5			
25	Pi/2 BPSK	1	1		25.22		0	25.5
		1	67		25.16		0	25.5
		1	131		25.05		0	25.5
		64	0		24.49		0.5	25.0
		64	35		25.15		0	25.5
		64	69		24.56		0.5	25.0
		128	0		24.66		0.5	25.0
	QPSK	1	1		25.22		0	25.5
		1	67		25.12		0	25.5
		1	131		25.14		0	25.5
		64	0		24.18		1	24.5
		64	35		25.07		0	25.5
		64	69		24.15		1	24.5
		128	0		24.24		1	24.5
	16QAM	1	1		24.30		1	24.5
	64QAM	1	1		22.25		2.5	23.0
	256QAM	1	1		20.01		4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		166800	167300	167800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		834	836.5	839		
20	QPSK	1	1	24.98	25.10	24.98	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5		
15	QPSK	1	1	25.10	25.14	25.06	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		829	836.5	844		
10	QPSK	1	1	25.11	25.11	25.07	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5		
5	QPSK	1	1	25.08	25.15	25.02	0	25.5

n5 (SCS 15kHz)_Ant0 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			167300			
		Frequence (MHz)			836.5			
25	Pi/2 BPSK	1	1		24.21		0	24.5
		1	67		24.23		0	24.5
		1	131		24.05		0	24.5
		64	0		23.93		0	24.5
		64	35		24.11		0	24.5
		64	69		24.08		0	24.5
		128	0		24.02		0	24.5
	QPSK	1	1		24.29		0	24.5
		1	67		24.13		0	24.5
		1	131		24.24		0	24.5
		64	0		24.04		0	24.5
		64	35		24.12		0	24.5
		64	69		24.08		0	24.5
		128	0		24.09		0	24.5
	16QAM	1	1		24.17		0	24.5
	64QAM	1	1		22.14		1.5	23.0
	256QAM	1	1		19.93		3.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		166800	167300	167800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		834	836.5	839		
20	QPSK	1	1	23.91	23.93	24.03	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5		
15	QPSK	1	1	24.12	24.11	24.09	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		829	836.5	844		
10	QPSK	1	1	24.05	24.03	24.12	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5		
5	QPSK	1	1	24.08	24.10	24.01	0	24.5

n5 (SCS 15kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			167300			
		Frequence (MHz)			836.5			
25	Pi/2 BPSK	1	1		19.07		0	20.0
		1	67		19.09		0	25.5
		1	131		19.27		0	25.5
		64	0		19.09		0.5	25.0
		64	35		18.92		0	25.5
		64	69		18.90		0.5	25.0
		128	0		19.01		0.5	25.0
	QPSK	1	1		19.30		0	25.5
		1	67		19.28		0	25.5
		1	131		19.26		0	25.5
		64	0		19.06		1	24.5
		64	35		19.02		0	25.5
		64	69		18.91		1	24.5
		128	0		19.01		1	24.5
	16QAM	1	1		18.87		1	24.5
	64QAM	1	1		18.91		2.5	23.0
	256QAM	1	1		19.05		4.5	21.0
BW [MHz]	DFT-s-OFDM	Channel		166800	167300	167800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		834	836.5	839		
20	QPSK	1	1	19.04	18.86	19.04	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5		
15	QPSK	1	1	19.25	18.83	18.96	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		829	836.5	844		
10	QPSK	1	1	19.06	19.04	19.23	0	25.5
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5		
5	QPSK	1	1	19.12	18.97	19.05	0	25.5

n5 (SCS 15kHz)_Ant1 For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			167300			
		Frequence (MHz)			836.5			
25	Pi/2 BPSK	1	1		17.52		0	18.5
		1	67		17.59		0	24.5
		1	131		17.70		0	24.5
		64	0		17.55		0.5	24.0
		64	35		17.44		0	24.5
		64	69		17.43		0.5	24.0
		128	0		17.43		0.5	24.0
	QPSK	1	1		17.80		0	24.5
		1	67		17.68		0	24.5
		1	131		17.72		0	24.5
		64	0		17.51		1	23.5
		64	35		17.54		0	24.5
		64	69		17.46		1	23.5
		128	0		17.47		1	23.5
	16QAM	1	1		17.32		1	23.5
	64QAM	1	1		17.40		2.5	22.0
	256QAM	1	1		17.50		4.5	20.0
BW [MHz]	DFT-s-OFDM	Channel		166800	167300	167800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		834	836.5	839		
20	QPSK	1	1	17.53	17.36	17.47	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		166300	167300	168300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5		
15	QPSK	1	1	17.55	17.32	17.54	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		165800	167300	168800	MPR (dB)	Max. Tune-up
		Frequence (MHz)		829	836.5	844		
10	QPSK	1	1	17.50	17.41	17.49	0	24.5
BW [MHz]	DFT-s-OFDM	Channel		165300	167300	169300	MPR (dB)	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5		
5	QPSK	1	1	17.38	17.24	17.39	0	24.5

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n7 (SCS 15kHz)_Ant0

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequency (MHz)		2535	2535	2545		
50	PI/2 BPSK	1	1	20.31	20.37	20.28	0	22.0
		1	135	20.27	20.36	20.41	0	22.0
		1	268	20.33	20.21	20.34	0	22.0
		135	0	20.19	20.27	20.31	0	22.0
		135	68	20.35	20.18	20.38	0	22.0
		135	135	20.30	20.10	20.15	0	22.0
		270	0	20.27	20.32	20.25	0	22.0
	QPSK	1	1	**20.27**	**20.43**	**20.40**	0	22.0
		1	135	20.10	20.34	20.25	0	22.0
		1	268	20.12	20.20	20.33	0	22.0
		135	0	20.26	20.16	20.23	0	22.0
		135	68	**20.33**	**20.33**	**20.29**	0	22.0
		135	135	20.12	20.09	20.25	0	22.0
		270	0	20.15	**20.23**	20.17	0	22.0
	16QAM	1	1	20.29	20.14	20.13	0	22.0
	64QAM	1	1	20.27	20.30	20.14	0	22.0
	256QAM	1	1	18.87	18.94	18.86	1.5	20.5

BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2520	2535	2550		
40	QPSK	1	1	20.27	20.09	20.26	0	22.0

BW [MHz]	DFT-s-OFDM	Channel		503800	507000	510200	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2517.0	2535	2553.0		
35	QPSK	1	1	20.15	20.23	20.30	0	22.0

BW [MHz]	DFT-s-OFDM	Channel		503600	507000	510400	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2515	2535	2555		
30	QPSK	1	1	20.31	20.09	20.28	0	22.0

BW [MHz]	DFT-s-OFDM	Channel		503350	507000	511050	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	20.15	20.15	20.09	0	22.0

BW [MHz]	DFT-s-OFDM	Channel		502950	507000	512850	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2510	2535	2560		
20	QPSK	1	1	20.26	20.39	20.27	0	22.0

BW [MHz]	DFT-s-OFDM	Channel		501800	507000	512200	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2507.0	2535	2562.5		
15	QPSK	1	1	20.11	20.07	20.28	0	22.0

BW [MHz]	DFT-s-OFDM	Channel		501550	507000	512450	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2505	2535	2565		
10	QPSK	1	1	20.32	20.26	20.17	0	22.0

BW [MHz]	DFT-s-OFDM	Channel		500950	507000	513050	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	20.19	20.16	20.05	0	22.0

n7 (SCS 15kHz)_Ant2

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505300	507000	508500		
		Frequency (MHz)		2523	2535	2548		
50	PI/2 BPSK	1	1	16.13	16.11	16.00	0	16.5
		1	135	16.11	15.90	15.95	0	16.5
		1	268	15.99	15.64	16.12	0	16.5
		135	0	15.73	15.78	16.00	0	16.5
		135	68	15.79	16.11	15.85	0	16.5
		135	135	16.04	15.73	15.75	0	16.5
		270	0	16.07	15.84	15.95	0	16.5
	QPSK	1	1	**16.15**	**16.11**	**16.15**	0	16.5
		1	135	16.04	16.07	16.13	0	16.5
		1	268	16.00	15.82	16.09	0	16.5
		135	0	16.03	15.96	15.97	0	16.5
		135	68	**16.11**	**16.02**	**15.99**	0	16.5
		135	135	15.92	15.76	15.83	0	16.5
		270	0	**15.89**	15.74	15.86	0	16.5
	16QAM	1	1	15.95	15.84	15.83	0	16.5
	64QAM	1	1	16.13	15.77	15.86	0	16.5
	256QAM	1	1	15.92	15.70	16.04	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		504500	507000	509500	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2520	2535	2550		
40	QPSK	1	1	15.98	15.80	15.91	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		503900	507000	510100	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	15.96	15.57	16.16	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		503700	507000	510300	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2515	2535	2555		
30	QPSK	1	1	16.17	15.98	15.93	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		503550	507000	510450	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	15.90	15.97	16.07	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		503300	507000	510700	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2510	2535	2560		
20	QPSK	1	1	15.73	15.84	15.92	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	15.95	15.88	15.82	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		501350	507000	512650	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2505	2535	2565		
10	QPSK	1	1	15.83	16.07	16.17	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		500900	507000	513100	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	15.85	15.82	15.68	0	16.5

n7 (SCS 15kHz)_Ant3 For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505300	507000	508500		
		Frequency (MHz)		2523	2535	2548		
50	PI/2 BPSK	1	1	16.40	16.33	16.34	0	19.0
		1	135	16.34	16.24	16.21	0	19.0
		1	268	16.22	17.92	16.36	0	19.0
		135	0	16.12	16.05	16.26	0	19.0
		135	68	16.15	16.13	16.29	0	19.0
		135	135	16.22	17.98	16.09	0	19.0
		270	0	16.40	16.08	16.40	0	19.0
	QPSK	1	1	**16.42**	**16.47**	**16.46**	0	19.0
		1	135	16.39	16.42	16.23	0	19.0
		1	268	16.37	18.20	16.39	0	19.0
		135	0	16.24	16.26	16.29	0	19.0
		135	68	**16.34**	**16.39**	**16.36**	0	19.0
		135	135	16.31	18.09	16.13	0	19.0
		270	0	16.17	**16.38**	16.39	0	19.0
	16QAM	1	1	16.32	16.16	16.09	0	19.0
	64QAM	1	1	16.25	16.16	16.23	0	19.0
	256QAM	1	1	16.29	16.09	16.40	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2520	2535	2550		
40	QPSK	1	1	18.29	18.22	18.13	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		503800	507000	510200	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	18.02	18.12	18.22	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		503600	507000	510400	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2515	2535	2555		
30	QPSK	1	1	18.26	18.00	18.39	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		503350	507000	511050	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	18.30	18.19	18.06	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		502950	507000	512850	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2510	2535	2560		
20	QPSK	1	1	18.16	18.23	18.22	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		501800	507000	512200	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2507.0	2535	2562.5		
15	QPSK	1	1	18.21	18.33	18.32	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		501550	507000	512450	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2505	2535	2565		
10	QPSK	1	1	18.16	18.31	18.21	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		500950	507000	513050	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	18.18	18.14	18.12	0	19.0

n7 (SCS 15kHz)_Ant4

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505300	507000	508500		
		Frequency (MHz)		2523	2535	2548		
50	PI/2 BPSK	1	1	14.87	15.06	14.93	0	16.5
		1	135	14.93	14.95	14.91	0	16.5
		1	268	14.86	14.60	15.07	0	16.5
		135	0	14.74	14.70	14.83	0	16.5
		135	68	14.85	15.08	14.85	0	16.5
		135	135	14.96	14.70	14.69	0	16.5
		270	0	15.13	14.79	15.11	0	16.5
	QPSK	1	1	**15.07**	**15.15**	**15.08**	0	16.5
		1	135	14.98	15.08	14.97	0	16.5
		1	268	14.92	14.86	14.95	0	16.5
		135	0	15.01	14.90	14.95	0	16.5
		135	68	**15.03**	**15.06**	**14.98**	0	16.5
		135	135	14.91	14.66	14.79	0	16.5
		270	0	14.77	**14.86**	14.84	0	16.5
	16QAM	1	1	14.91	14.76	14.66	0	16.5
	64QAM	1	1	14.86	14.76	14.89	0	16.5
	256QAM	1	1	14.85	14.60	15.00	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2520	2535	2550		
40	QPSK	1	1	14.87	14.90	14.68	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		503900	507000	510100	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	14.71	14.50	14.99	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		503700	507000	510300	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2515	2535	2555		
30	QPSK	1	1	14.83	15.03	14.97	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		503550	507000	511050	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	14.99	14.74	15.04	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		503300	507000	512850	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2510	2535	2560		
20	QPSK	1	1	14.94	14.94	14.97	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	14.80	14.71	15.00	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		501350	507000	512650	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2505	2535	2565		
10	QPSK	1	1	14.89	14.95	14.92	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		500950	507000	513050	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	14.70	14.82	14.87	0	16.5

n7 (SCS 15kHz)_Ant2 For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505300	507000	508500		
		Frequency (MHz)		2523	2535	2548		
50	PI/2 BPSK	1	1	13.18	13.09	13.01	0	13.5
		1	135	13.13	12.88	12.95	0	22.0
		1	268	13.01	12.65	13.09	0	22.0
		135	0	12.79	12.79	13.02	0	22.0
		135	68	12.79	13.14	12.89	0	22.0
		135	135	13.06	12.75	12.74	0	22.0
		270	0	13.13	12.82	12.89	0	22.0
	QPSK	1	1	**13.19**	**13.15**	**13.13**	0	22.0
		1	135	13.06	13.06	13.11	0	22.0
		1	268	13.06	12.80	13.08	0	22.0
		135	0	13.01	12.90	12.95	0	22.0
		135	68	**13.10**	**13.07**	**13.02**	0	22.0
		135	135	12.92	12.84	12.89	0	22.0
		270	0	**12.96**	12.71	12.83	0	22.0
	16QAM	1	1	12.92	12.82	12.85	0	22.0
	64QAM	1	1	13.13	12.76	12.81	0	22.0
	256QAM	1	1	13.00	12.65	13.08	1.5	20.5

BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2520	2535	2550		
40	QPSK	1	1	13.10	12.74	12.81	0	22.0

BW [MHz]	DFT-s-OFDM	Channel		503800	507000	510200	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	13.03	12.82	12.95	0	22.0

BW [MHz]	DFT-s-OFDM	Channel		503600	507000	511050	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2515	2535	2555		
30	QPSK	1	1	12.97	13.02	13.07	0	22.0

BW [MHz]	DFT-s-OFDM	Channel		503350	507000	511350	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	12.93	12.71	12.93	0	22.0

BW [MHz]	DFT-s-OFDM	Channel		502950	507000	512850	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2510	2535	2560		
20	QPSK	1	1	12.97	12.88	12.94	0	22.0

BW [MHz]	DFT-s-OFDM	Channel		501800	507000	512200	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	12.99	13.04	12.89	0	22.0

BW [MHz]	DFT-s-OFDM	Channel		501550	507000	512650	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2505	2535	2565		
10	QPSK	1	1	12.87	12.76	12.79	0	22.0

BW [MHz]	DFT-s-OFDM	Channel		500950	507000	513050	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	13.09	12.75	12.76	0	22.0

n7 (SCS 15kHz)_Ant3

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505300	507000	508500		
		Frequency (MHz)		2523	2535	2548		
50	PI/2 BPSK	1	1	19.85	19.79	19.78	0	20.5
		1	135	19.85	19.79	19.78	0	16.5
		1	268	19.78	19.49	19.85	0	16.5
		135	0	19.82	19.81	19.73	0	16.5
		135	68	19.87	19.69	19.79	0	16.5
		135	135	19.79	19.55	19.58	0	16.5
		270	0	19.83	19.64	19.85	0	16.5
	QPSK	1	1	**19.87**	**19.93**	**19.89**	0	16.5
		1	135	19.83	19.91	19.74	0	16.5
		1	268	19.81	19.76	19.87	0	16.5
		135	0	19.76	19.79	19.82	0	16.5
		135	68	**19.84**	**19.89**	**19.92**	0	16.5
		135	135	19.78	19.60	19.63	0	16.5
		270	0	19.83	**19.86**	19.78	0	16.5
	16QAM	1	1	19.77	19.67	19.86	0	16.5
	64QAM	1	1	19.79	19.67	19.76	0	16.5
	256QAM	1	1	19.77	19.54	19.90	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2520	2535	2550		
40	QPSK	1	1	19.74	19.48	19.74	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		503900	507000	510100	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	19.48	19.55	19.60	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		503700	507000	510300	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2515	2535	2555		
30	QPSK	1	1	19.65	19.40	19.57	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		503550	507000	511050	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	19.71	19.60	19.62	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		503300	507000	512850	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2510	2535	2560		
20	QPSK	1	1	19.62	19.53	19.61	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	19.74	19.51	19.55	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		501350	507000	512650	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2505	2535	2565		
10	QPSK	1	1	19.70	19.68	19.78	0	16.5

BW [MHz]	DFT-s-OFDM	Channel		500950	507000	513050	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	19.80	19.64	19.70	0	16.5

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BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		505300	507000	508500		
		Frequency (MHz)		2523	2535	2548		
50	PI/2 BPSK	1	1	13.45	13.54	13.45	0	15.0
		1	135	13.53	13.52	13.40	0	19.0
		1	268	13.33	13.19	13.62	0	19.0
		135	0	13.25	13.18	13.33	0	19.0
		135	68	13.41	13.62	13.51	0	19.0
		135	135	13.44	13.25	13.17	0	19.0
		270	0	13.71	13.32	13.58	0	19.0
	QPSK	1	1	**13.68**	**13.73**	**13.67**	0	19.0
		1	135	13.45	13.68	13.54	0	19.0
		1	268	13.41	13.39	13.53	0	19.0
		135	0	13.51	13.49	13.46	0	19.0
		135	68	**13.55**	**13.61**	**13.58**	0	19.0
		135	135	13.44	13.19	13.29	0	19.0
		270	0	13.34	**13.45**	13.44	0	19.0
	16QAM	1	1	13.48	13.26	13.22	0	19.0
	64QAM	1	1	13.45	13.25	13.41	0	19.0
	256QAM	1	1	13.46	13.16	13.47	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		504000	507000	510000	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2520	2535	2550		
40	QPSK	1	1	13.26	13.05	13.57	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		503800	507000	510200	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2517.5	2535	2552.5		
35	QPSK	1	1	13.13	13.08	13.32	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		503600	507000	510400	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2515	2535	2555		
30	QPSK	1	1	13.36	13.53	13.44	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		503350	507000	511050	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2512.5	2535	2557.5		
25	QPSK	1	1	13.32	13.17	13.12	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		503100	507000	511800	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2510	2535	2560		
20	QPSK	1	1	13.66	13.17	13.48	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		501500	507000	512500	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5		
15	QPSK	1	1	13.55	13.66	13.60	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		501350	507000	512650	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2505	2535	2565		
10	QPSK	1	1	13.35	13.32	13.49	0	19.0

BW [MHz]	DFT-s-OFDM	Channel		500900	507000	513000	MPR (dB)	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5		
5	QPSK	1	1	13.44	13.53	13.51	0	19.0

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n38 (SCS 30kHz)_Ant0								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	Pi/2 BPSK	1	1	20.47	20.59	20.50	0	22.0
		1	53	20.51	20.57	20.52	0	22.0
		1	104	20.48	20.44	20.53	0	22.0
		50	0	20.43	20.46	20.45	0	22.0
		50	28	20.49	20.40	20.49	0	22.0
		50	56	20.42	20.27	20.36	0	22.0
		100	0	20.37	20.43	20.38	0	22.0
	QPSK	1	1	**20.46**	**20.64**	**20.59**	0	22.0
		1	53	20.32	20.58	20.40	0	22.0
		1	104	20.32	20.36	20.47	0	22.0
		50	0	20.46	20.32	20.39	0	22.0
		50	28	**20.48**	**20.52**	**20.48**	0	22.0
		50	56	20.30	20.26	20.36	0	22.0
		100	0	20.31	**20.45**	20.31	0	22.0
	16QAM	1	1	20.39	20.29	20.27	0	22.0
	64QAM	1	1	20.44	20.47	20.33	0	22.0
	256QAM	1	1	18.67	18.74	18.66	1.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	20.40	20.36	20.41	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	20.41	20.47	20.46	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	20.41	20.15	20.25	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	20.43	20.50	20.57	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	20.30	20.55	20.26	0	22.0

n38 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	Pi/2 BPSK	1	1	17.41	17.35	17.54	0	18.0
		1	53	17.37	17.55	17.39	0	18.0
		1	104	17.53	17.15	17.62	0	18.0
		50	0	17.34	17.37	17.54	0	18.0
		50	28	17.48	17.62	17.42	0	18.0
		50	56	17.62	17.20	17.44	0	18.0
		100	0	17.52	17.65	17.49	0	18.0
	QPSK	1	1	**17.63**	**17.68**	**17.66**	0	18.0
		1	53	17.52	17.51	17.60	0	18.0
		1	104	17.44	17.56	17.61	0	18.0
		50	0	17.41	17.35	17.29	0	18.0
		50	28	**17.57**	**17.63**	**17.60**	0	18.0
		50	56	17.49	17.21	17.52	0	18.0
		100	0	17.55	**17.57**	17.51	0	18.0
	16QAM	1	1	17.56	17.47	17.34	0	18.0
	64QAM	1	1	17.63	17.39	17.54	0	18.0
	256QAM	1	1	17.53	17.56	17.53	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	17.20	17.36	17.58	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	17.37	17.49	17.46	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	17.50	17.14	17.35	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	17.34	17.64	17.66	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	17.40	17.38	17.56	0	18.0

n38 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	Pi/2 BPSK	1	1	20.06	19.90	19.95	0	21.0
		1	53	19.99	20.10	19.88	0	22.0
		1	104	20.13	19.65	20.08	0	22.0
		50	0	19.80	19.79	19.89	0	22.0
		50	28	19.79	19.89	19.94	0	22.0
		50	56	20.06	19.70	20.12	0	22.0
		100	0	19.89	19.85	20.07	0	22.0
	QPSK	1	1	**20.04**	**20.13**	**20.10**	0	22.0
		1	53	19.95	20.01	20.07	0	22.0
		1	104	19.96	20.08	20.04	0	22.0
		50	0	20.07	19.76	19.87	0	22.0
		50	28	**20.08**	**20.10**	**20.01**	0	22.0
		50	56	20.05	19.85	19.99	0	22.0
		100	0	19.94	**19.98**	19.87	0	22.0
	16QAM	1	1	19.92	20.03	19.90	0	22.0
	64QAM	1	1	19.93	19.83	20.09	0	22.0
	256QAM	1	1	20.12	20.11	20.04	1.5	20.5
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	19.92	20.07	19.80	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	19.77	19.75	19.76	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	19.76	19.86	19.86	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	19.94	20.01	20.02	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	19.84	19.97	20.02	0	22.0

n38 (SCS 30kHz)_Ant4								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40	Pi/2 BPSK	1	1	16.74	16.58	16.62	0	17.5
		1	53	16.56	16.78	16.45	0	18.0
		1	104	16.69	16.34	16.74	0	18.0
		50	0	16.36	16.36	16.53	0	18.0
		50	28	16.44	16.51	16.50	0	18.0
		50	56	16.64	16.31	16.78	0	18.0
		100	0	16.57	16.43	16.76	0	18.0
	QPSK	1	1	**16.89**	**16.82**	**16.84**	0	18.0
		1	53	16.57	16.66	16.76	0	18.0
		1	104	16.52	16.69	16.71	0	18.0
		50	0	16.69	16.38	16.45	0	18.0
		50	28	**16.75**	**16.67**	**16.69**	0	18.0
		50	56	16.61	16.51	16.60	0	18.0
		100	0	**16.74**	16.62	16.56	0	18.0
	16QAM	1	1	16.61	16.72	16.56	0	18.0
	64QAM	1	1	16.55	16.43	16.67	0	18.0
	256QAM	1	1	16.71	16.67	16.63	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		517000	519000	521000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30	QPSK	1	1	16.51	16.75	16.32	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		516500	519000	521500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25	QPSK	1	1	16.64	16.60	16.42	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		516000	519000	522000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20	QPSK	1	1	16.52	16.69	16.66	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		515500	519000	522500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15	QPSK	1	1	16.48	16.41	16.49	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		515000	519000	523000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10	QPSK	1	1	16.55	16.67	16.53	0	18.0

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n41 (SCS 30kHz)_Ant0

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	21.22	21.40	21.35	0	22.5
		1	137	21.40	21.30	21.38	0	22.5
		1	271	21.40	21.17	21.23	0	22.5
		135	0	21.33	21.22	21.34	0	22.5
		135	69	21.28	21.29	21.35	0	22.5
		135	138	21.19	21.07	21.17	0	22.5
		270	0	21.23	21.22	21.25	0	22.5
	QPSK	1	1	**21.45**	**21.37**	**21.29**	0	22.5
		1	137	21.11	21.26	21.23	0	22.5
		1	271	21.08	21.14	21.15	0	22.5
		135	0	21.40	21.15	21.20	0	22.5
		135	69	**21.41**	**21.26**	**21.31**	0	22.5
		135	138	21.19	21.06	21.12	0	22.5
		270	0	**21.27**	21.18	21.23	0	22.5
	16QAM	1	1	21.14	21.01	21.06	0	22.5
	64QAM	1	1	20.76	20.88	20.81	0	22.5
	256QAM	1	1	18.61	18.77	18.64	2	20.5
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	21.29	21.17	21.37	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	21.37	21.10	21.20	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	21.30	21.09	21.30	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	21.07	20.95	21.11	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	21.15	21.09	21.14	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	21.32	21.31	21.18	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	21.24	21.11	21.22	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	21.21	21.03	21.08	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	21.37	21.10	21.21	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	21.28	21.19	21.27	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	21.19	21.19	21.21	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	21.27	21.07	21.10	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	21.26	21.10	21.06	0	22.5

n41 (SCS 30kHz)_Ant2

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	20.03	19.97	20.12	0	20.5
		1	137	19.94	20.11	19.88	0	20.5
		1	271	20.15	19.95	19.83	0	20.5
		135	0	20.15	19.78	19.79	0	20.5
		135	69	20.20	20.10	20.01	0	20.5
		135	138	19.97	20.12	20.06	0	20.5
		270	0	20.06	20.10	20.13	0	20.5
	QPSK	1	1	**20.22**	**20.13**	**20.19**	0	20.5
		1	137	20.03	20.11	20.14	0	20.5
		1	271	20.16	20.07	20.16	0	20.5
		135	0	20.04	19.97	20.11	0	20.5
		135	69	**20.16**	**20.03**	**20.13**	0	20.5
		135	138	19.97	19.99	20.10	0	20.5
		270	0	**20.14**	19.98	20.11	0	20.5
	16QAM	1	1	20.04	20.00	19.94	0	20.5
	64QAM	1	1	19.96	20.03	20.09	0	20.5
	256QAM	1	1	20.05	20.09	19.97	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	19.89	20.04	19.73	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	20.07	19.64	19.70	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	20.11	20.08	19.89	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	19.85	20.07	20.01	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	20.03	19.98	20.07	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	20.07	20.00	20.15	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	19.96	19.96	20.04	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	20.08	20.05	20.12	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	19.98	19.89	20.03	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	20.14	19.89	19.99	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	19.93	19.91	20.04	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	19.95	20.08	19.91	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	20.15	19.96	19.98	0	20.5

n41 (SCS 30kHz)_Ant2 For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	17.61	17.48	17.56	0	18.0
		1	137	17.51	17.57	17.35	0	18.0
		1	271	17.63	17.52	17.33	0	18.0
		135	0	17.62	17.32	17.28	0	18.0
		135	69	17.71	17.54	17.50	0	18.0
		135	138	17.44	17.57	17.57	0	18.0
		270	0	17.57	17.67	17.58	0	18.0
	QPSK	1	1	**17.75**	**17.68**	**17.66**	0	18.0
		1	137	17.47	17.64	17.59	0	18.0
		1	271	17.63	17.63	17.62	0	18.0
		135	0	17.55	17.41	17.60	0	18.0
		135	69	**17.67**	**17.59**	**17.63**	0	18.0
		135	138	17.43	17.55	17.57	0	18.0
		270	0	**17.72**	17.54	17.65	0	18.0
	16QAM	1	1	17.50	17.54	17.40	0	18.0
	64QAM	1	1	17.46	17.51	17.59	0	18.0
	256QAM	1	1	17.49	17.60	17.52	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	17.39	17.56	17.56	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	17.55	17.23	17.18	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	17.31	17.46	17.45	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	17.62	17.55	17.60	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	17.54	17.52	17.51	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	17.44	17.32	17.46	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	17.53	17.51	17.57	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	17.37	17.53	17.55	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	17.69	17.43	17.62	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	17.47	17.50	17.35	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	17.43	17.37	17.46	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	17.60	17.25	17.19	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	17.42	17.43	17.45	0	18.0

n41 (SCS 30kHz)_Ant3

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	19.82	19.74	19.96	0	20.5
		1	137	19.71	19.99	19.67	0	22.5
		1	271	19.87	19.77	19.50	0	22.5
		135	0	20.02	19.53	19.56	0	22.5
		135	69	20.01	19.86	19.79	0	22.5
		135	138	19.61	19.71	19.77	0	22.5
		270	0	19.89	19.87	19.93	0	22.5
	QPSK	1	1	**20.09**	**20.09**	**20.07**	0	22.5
		1	137	19.79	19.93	19.78	0	22.5
		1	271	19.97	19.82	19.92	0	22.5
		135	0	19.79	19.73	19.77	0	22.5
		135	69	**19.86**	**19.95**	**19.81**	0	22.5
		135	138	19.72	19.71	19.73	0	22.5
		270	0	19.85	**19.97**	19.89	0	22.5
	16QAM	1	1	19.86	19.62	19.71	0	22.5
	64QAM	1	1	19.75	19.66	19.77	0	22.5
	256QAM	1	1	19.86	19.90	19.69	2	20.5
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	19.62	19.84	19.66	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	19.67	19.60	19.92	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	19.96	19.42	19.54	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	19.86	19.74	19.69	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	19.94	19.99	20.02	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	19.66	19.81	19.72	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	19.84	19.74	19.88	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	19.70	19.70	19.76	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	19.75	19.92	19.69	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	19.69	19.61	19.62	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	19.76	19.47	19.70	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	19.77	19.76	19.57	0	22.5
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	19.62	19.86	19.52	0	22.5

n41 (SCS 30kHz)_Ant4

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	16.35	16.33	16.57	0	17.5
		1	137	16.21	16.51	16.26	0	20.5
		1	271	16.49	16.34	16.36	0	20.5
		135	0	16.55	16.47	16.54	0	20.5
		135	69	16.60	16.36	16.33	0	20.5
		135	138	16.24	16.28	16.30	0	20.5
		270	0	16.39	16.44	16.48	0	20.5
	QPSK	1	1	**16.71**	**16.67**	**16.59**	0	20.5
		1	137	16.57	16.50	16.34	0	20.5
		1	271	16.49	16.45	16.48	0	20.5
		135	0	16.34	16.26	16.40	0	20.5
		135	69	**16.58**	**16.50**	**16.52**	0	20.5
		135	138	16.33	16.27	16.28	0	20.5
		270	0	**16.65**	16.61	16.45	0	20.5
	16QAM	1	1	16.42	16.53	16.37	0	20.5
	64QAM	1	1	16.39	16.52	16.32	0	20.5
	256QAM	1	1	16.41	16.45	16.27	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	16.26	16.25	16.52	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	16.45	16.28	16.27	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	16.65	16.49	16.55	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	16.46	16.44	16.43	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	16.59	16.60	16.41	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	16.30	16.32	16.25	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	16.59	16.28	16.30	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	16.61	16.52	16.53	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	16.40	16.41	16.23	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	16.56	16.42	16.55	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20	QPSK	1	1	16.50	16.45	16.41	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		500700	518598	536496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15	QPSK	1	1	16.43	16.39	16.24	0	20.5
BW [MHz]	DFT-s-OFDM	Channel		500202	518598	537000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10	QPSK	1	1	16.29	16.21	16.50	0	20.5

n41 (SCS 30kHz)_Ant4 For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	13.36	13.29	13.53	0	14.5
		1	137	13.19	13.54	13.20	0	18.0
		1	271	13.44	13.30	13.29	0	18.0
		135	0	13.61	13.46	13.60	0	18.0
		135	69	13.64	13.34	13.34	0	18.0
		135	138	13.23	13.26	13.26	0	18.0
		270	0	13.40	13.39	13.41	0	18.0
	QPSK	1	1	**13.67**	**13.54**	**13.55**	0	18.0
		1	137	13.61	13.49	13.37	0	18.0
		1	271	13.52	13.48	13.48	0	18.0
		135	0	13.38	13.32	13.32	0	18.0
		135	69	**13.63**	**13.55**	**13.49**	0	18.0
		135	138	13.28	13.28	13.20	0	18.0
		270	0	**13.59**	13.55	13.49	0	18.0
	16QAM	1	1	13.34	13.55	13.37	0	18.0
	64QAM	1	1	13.34	13.52	13.38	0	18.0
	256QAM	1	1	13.38	13.41	13.31	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		508200	518598	528996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90	QPSK	1	1	13.21	13.28	13.40	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		507204	518598	529998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80	QPSK	1	1	13.30	13.23	13.22	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		506202	518598	531000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70	QPSK	1	1	13.57	13.33	13.59	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		505200	518598	531996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60	QPSK	1	1	13.54	13.21	13.25	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		504204	518598	532998	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50	QPSK	1	1	13.27	13.25	13.35	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		503700	518598	533496	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45	QPSK	1	1	13.49	13.41	13.27	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		503202	518598	534000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40	QPSK	1	1	13.24	13.25	13.26	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		502704	518598	534498	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35	QPSK	1	1	13.57	13.51	13.47	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		502200	518598	534996	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30	QPSK	1	1	13.50	13.49	13.42	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		501702	518598	535500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25	QPSK	1	1	13.33	13.48	13.28	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		501204	518598	535998	MPR (dB)

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n48 (SCS 30kHz)_Ant1								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.04	14.76	15.00	0	16.5
		1	53	14.69	14.51	14.87	0	16.5
		1	104	14.90	14.69	14.86	0	16.5
		50	0	14.64	14.51	14.78	0	16.5
		50	28	14.55	14.53	14.60	0	16.5
		50	56	14.64	14.66	14.78	0	16.5
		100	0	14.68	14.58	14.58	0	16.5
	QPSK	1	1	**15.07**	**14.84**	**15.02**	0	16.5
		1	53	14.81	14.69	14.88	0	16.5
		1	104	14.67	14.60	14.60	0	16.5
		50	0	14.90	14.77	14.83	0	16.5
		50	28	**14.98**	**14.82**	**14.97**	0	16.5
		50	56	14.69	14.59	14.82	0	16.5
		100	0	14.60	14.55	**14.60**	0	16.5
	16QAM	1	1	14.98	14.84	14.97	0	16.5
	64QAM	1	1	14.77	14.58	14.87	0	16.5
	256QAM	1	1	14.63	14.60	14.52	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	15.05	14.75	14.93	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	14.94	14.70	15.02	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	14.87	14.74	14.82	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	15.00	14.84	14.93	0	16.5

n48 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.77	15.38	15.48	0	17.0
		1	53	15.82	15.41	15.68	0	17.0
		1	104	15.80	15.37	15.65	0	17.0
		50	0	15.64	15.35	15.77	0	17.0
		50	28	15.46	15.40	15.63	0	17.0
		50	56	15.83	15.52	15.76	0	17.0
		100	0	15.58	15.31	15.63	0	17.0
	QPSK	1	1	**15.88**	**15.58**	**15.78**	0	17.0
		1	53	15.83	15.55	15.75	0	17.0
		1	104	15.62	15.52	15.68	0	17.0
		50	0	15.83	15.38	15.56	0	17.0
		50	28	**15.85**	**15.55**	**15.75**	0	17.0
		50	56	15.66	15.53	15.70	0	17.0
		100	0	**15.82**	15.40	15.55	0	17.0
	16QAM	1	1	15.86	15.40	15.51	0	17.0
	64QAM	1	1	15.63	15.55	15.64	0	17.0
	256QAM	1	1	15.54	15.39	15.49	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	15.67	15.52	15.59	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	15.69	15.56	15.68	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	15.86	15.49	15.69	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	15.67	15.39	15.69	0	17.0

n48 (SCS 30kHz)_Ant3								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.86	15.61	15.74	0	17.0
		1	53	15.87	15.46	15.61	0	16.5
		1	104	15.68	15.19	15.46	0	16.5
		50	0	15.88	15.68	15.82	0	16.5
		50	28	15.92	15.70	15.68	0	16.5
		50	56	15.75	15.46	15.66	0	16.5
		100	0	15.78	15.24	15.37	0	16.5
	QPSK	1	1	**15.98**	**15.83**	**15.84**	0	16.5
		1	53	15.95	15.72	15.76	0	16.5
		1	104	15.77	15.26	15.51	0	16.5
		50	0	15.86	15.49	15.73	0	16.5
		50	28	**15.95**	**15.79**	**15.80**	0	16.5
		50	56	15.87	15.54	15.66	0	16.5
		100	0	**15.91**	15.75	15.52	0	16.5
	16QAM	1	1	15.96	15.56	15.87	0	16.5
	64QAM	1	1	15.83	15.49	15.61	0	16.5
	256QAM	1	1	15.74	15.10	15.36	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	15.83	15.58	15.75	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	15.95	15.55	15.85	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	15.82	15.62	15.66	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	15.97	15.68	15.83	0	16.5

n48 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666	645332		
		Frequence (MHz)		3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.45	17.27	17.46	0	18.0
		1	53	17.22	17.27	17.22	0	17.0
		1	104	17.48	17.50	17.27	0	17.0
		50	0	17.62	17.37	17.50	0	17.0
		50	28	17.28	17.38	17.31	0	17.0
		50	56	17.50	17.51	17.24	0	17.0
		100	0	17.48	17.31	17.43	0	17.0
	QPSK	1	1	**17.63**	**17.58**	**17.56**	0	17.0
		1	53	17.36	17.37	17.37	0	17.0
		1	104	17.58	17.56	17.43	0	17.0
		50	0	17.50	17.41	17.46	0	17.0
		50	28	**17.58**	**17.55**	**17.51**	0	17.0
		50	56	17.39	17.39	17.28	0	17.0
		100	0	**17.54**	17.52	17.50	0	17.0
	16QAM	1	1	17.30	17.32	17.21	0	17.0
	64QAM	1	1	17.39	17.46	17.39	0	17.0
	256QAM	1	1	17.44	17.33	17.54	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637668	641666	645666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3565.02	3624.99	3684.99		
30	QPSK	1	1	17.45	17.32	17.55	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637334	641666	646000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690		
20	QPSK	1	1	17.58	17.37	17.39	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637168	641666	646166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3557.52	3624.99	3692.49		
15	QPSK	1	1	17.52	17.30	17.36	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		637000	641666	646332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98		
10	QPSK	1	1	17.60	17.31	17.47	0	17.0

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n66 (SCS 15kHz)_Ant0

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.09	21.12	20.99	0	22.0
		1	121	21.15	20.91	20.98	0	22.0
		1	240	21.06	21.12	21.11	0	22.0
		120	0	20.99	21.09	20.98	0	22.0
		120	61	21.01	20.95	20.99	0	22.0
		120	122	21.05	20.91	20.98	0	22.0
		240	0	20.85	21.22	21.25	0	22.0
	QPSK	1	1	**21.18**	**21.21**	**21.25**	0	22.0
		1	121	21.14	21.06	21.15	0	22.0
		1	240	21.06	21.20	21.20	0	22.0
		120	0	21.00	21.01	21.05	0	22.0
		120	61	**21.15**	**21.18**	**21.21**	0	22.0
		120	122	20.95	20.88	21.00	0	22.0
		240	0	21.02	21.03	**21.20**	0	22.0
	16QAM	1	1	20.95	20.93	20.98	0	22.0
	64QAM	1	1	20.17	20.15	20.23	0.5	21.5
	256QAM	1	1	18.68	18.72	18.77	2.5	19.5
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	20.97	21.09	21.19	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	20.99	21.01	21.19	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	21.03	20.96	21.03	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	21.13	20.94	21.09	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	20.91	21.11	21.02	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	20.92	21.08	21.16	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	21.05	20.97	21.06	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	21.05	21.11	21.01	0	22.0

n66 (SCS 15kHz)_Ant2

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	16.87	16.84	16.89	0	18.0
		1	121	16.71	16.68	16.81	0	18.0
		1	240	16.85	16.84	16.62	0	18.0
		120	0	16.86	16.83	16.76	0	18.0
		120	61	16.72	16.78	16.78	0	18.0
		120	122	16.75	16.71	16.79	0	18.0
		240	0	16.72	16.77	16.82	0	18.0
	QPSK	1	1	**16.90**	**16.89**	**16.88**	0	18.0
		1	121	16.67	16.78	16.61	0	18.0
		1	240	16.73	16.66	16.76	0	18.0
		120	0	16.69	16.65	16.58	0	18.0
		120	61	**16.85**	**16.83**	**16.80**	0	18.0
		120	122	16.61	16.69	16.46	0	18.0
		240	0	**16.83**	16.80	16.81	0	18.0
	16QAM	1	1	16.89	16.78	16.86	0	18.0
	64QAM	1	1	16.19	16.23	16.11	0	18.0
	256QAM	1	1	16.47	16.67	16.54	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	16.85	16.80	16.77	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	16.73	16.81	16.73	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		21	349000	20.72	MPR (dB)	Max. Tune-up
		Frequence (MHz)		20.75	1745	20.71		
30	QPSK	1	1	16.71	16.72	16.72	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		21	349000	20.72	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	16.82	16.83	16.75	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	16.80	16.65	16.68	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	16.83	16.78	16.65	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	16.84	16.80	16.61	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	16.79	16.81	16.78	0	18.0

n66 (SCS 15kHz)_Ant2 For ENDC

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	13.86	13.86	13.86	0	15.0
		1	121	13.69	13.67	13.85	0	15.0
		1	240	13.79	13.90	13.60	0	15.0
		120	0	13.86	13.81	13.71	0	15.0
		120	61	13.73	13.73	13.70	0	15.0
		120	122	13.78	13.71	13.82	0	15.0
		240	0	13.62	13.83	13.73	0	15.0
	QPSK	1	1	**13.91**	**13.79**	**13.86**	0	15.0
		1	121	13.73	13.70	13.72	0	15.0
		1	240	13.76	13.65	13.70	0	15.0
		120	0	13.63	13.72	13.57	0	15.0
		120	61	**13.87**	**13.76**	**13.83**	0	15.0
		120	122	13.71	13.75	13.53	0	15.0
		240	0	**13.85**	13.84	13.74	0	15.0
	16QAM	1	1	13.88	13.67	13.87	0	15.0
	64QAM	1	1	13.12	13.29	13.09	0	15.0
	256QAM	1	1	13.44	13.58	13.57	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	13.78	13.79	13.83	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	13.86	13.85	13.82	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		21	349000	20.72	MPR (dB)	Max. Tune-up
		Frequence (MHz)		20.75	1745	20.71		
30	QPSK	1	1	13.85	13.73	13.74	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		21	349000	20.72	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	13.68	13.75	13.79	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	13.77	13.82	13.81	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	13.83	13.77	13.85	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	13.84	13.81	13.79	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	13.66	13.65	13.83	0	15.0

n66 (SCS 15kHz)_Ant3

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	16.37	16.29	16.33	0	17.5
		1	121	16.24	16.20	16.29	0	22.0
		1	240	16.24	16.23	16.28	0	22.0
		120	0	16.20	16.35	16.28	0	22.0
		120	61	16.25	16.35	16.24	0	22.0
		120	122	16.36	16.15	16.19	0	22.0
		240	0	16.25	16.34	16.26	0	22.0
	QPSK	1	1	**16.38**	**16.40**	**16.32**	0	22.0
		1	121	16.35	16.31	16.30	0	22.0
		1	240	16.36	16.35	16.30	0	22.0
		120	0	16.28	16.28	16.21	0	22.0
		120	61	**16.36**	**16.35**	**16.28**	0	22.0
		120	122	16.20	16.17	16.23	0	22.0
		240	0	**16.34**	16.29	16.15	0	22.0
	16QAM	1	1	16.39	16.36	16.31	0	22.0
	64QAM	1	1	16.36	16.19	16.31	0.5	21.5
	256QAM	1	1	16.30	16.30	16.21	2.5	19.5
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	16.29	16.20	16.27	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	16.37	16.23	16.33	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	16.33	16.36	16.13	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	16.29	16.21	16.18	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	16.18	16.38	16.18	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	16.17	16.39	16.18	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	16.35	16.29	16.26	0	22.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	16.32	16.34	16.23	0	22.0

n66 (SCS 15kHz)_Ant4

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		346500	349000	351500		
		Frequence (MHz)		1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	14.69	14.90	14.66	0	16.5
		1	121	14.72	14.87	14.82	0	18.0
		1	240	14.67	14.78	14.69	0	18.0
		120	0	14.60	14.85	14.77	0	18.0
		120	61	14.77	14.79	14.65	0	18.0
		120	122	14.53	14.69	14.62	0	18.0
		240	0	14.77	14.73	14.83	0	18.0
	QPSK	1	1	**14.78**	**14.92**	**14.84**	0	18.0
		1	121	14.60	14.86	14.80	0	18.0
		1	240	14.76	14.90	14.82	0	18.0
		120	0	14.67	14.73	14.73	0	18.0
		120	61	**14.74**	**14.85**	**14.80**	0	18.0
		120	122	14.57	14.81	14.68	0	18.0
		240	0	14.70	**14.83**	14.78	0	18.0
	16QAM	1	1	14.64	14.85	14.76	0	18.0
	64QAM	1	1	14.53	14.82	14.78	0	18.0
	256QAM	1	1	14.71	14.77	14.81	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		346000	349000	352000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1730	1745	1760		
40	QPSK	1	1	14.78	14.73	14.81	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		345500	349000	352500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1727.5	1745	1762.5		
35	QPSK	1	1	14.76	14.91	14.70	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		345000	349000	353000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1725	1745	1765		
30	QPSK	1	1	14.76	14.78	14.68	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		344500	349000	353500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1722.5	1745	1767.5		
25	QPSK	1	1	14.64	14.85	14.77	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		344000	349000	354000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1720	1745	1770		
20	QPSK	1	1	14.73	14.89	14.70	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		343500	349000	354500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5		
15	QPSK	1	1	14.77	14.90	14.73	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		343000	349000	355000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1715	1745	1775		
10	QPSK	1	1	14.73	14.77	14.82	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		342500	349000	355500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5		
5	QPSK	1	1	14.63	14.82	14.81	0	18.0

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Part27Q_n77 (SCS 30kHz)_Ant1

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		13.67		0	15.0
		1	137		13.36		0	15.0
		1	271		13.53		0	15.0
		135	0		13.36		0	15.0
		135	69		13.40		0	15.0
		135	138		13.48		0	15.0
		270	0		13.38		0	15.0
	QPSK	1	1		**13.73**		0	15.0
		1	137		13.56		0	15.0
		1	271		13.72		0	15.0
		135	0		13.67		0	15.0
		135	69		**13.70**		0	15.0
		135	138		13.43		0	15.0
		270	0		**13.67**		0	15.0
	16QAM	1	1		13.53		0	15.0
	64QAM	1	1		13.47		0	15.0
	256QAM	1	1		13.50		0	15.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.55	13.57	13.59	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	13.56	13.65	13.48	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.66	13.72	13.57	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	13.49	13.60	13.57	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.49	13.63	13.42	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.48	13.67	13.46	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.48	13.53	13.53	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	13.65	13.67	13.44	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	13.50	13.60	13.50	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	13.53	13.55	13.44	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	13.61	13.71	13.45	0	15.0

Part27O_n77 (SCS 30kHz)_Ant1

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	13.21	13.49	13.48	0	15.0
		1	137	13.09	13.49	13.49	0	15.0
		1	271	13.09	13.48	13.51	0	15.0
		135	0	13.20	13.47	13.59	0	15.0
		135	69	13.16	13.54	13.43	0	15.0
		135	138	13.20	13.59	13.51	0	15.0
		270	0	13.11	13.52	13.40	0	15.0
	QPSK	1	1	**13.32**	**13.66**	**13.64**	0	15.0
		1	137	13.19	13.63	13.55	0	15.0
		1	271	13.27	13.64	13.59	0	15.0
		135	0	13.14	13.60	13.55	0	15.0
		135	69	**13.29**	**13.63**	**13.57**	0	15.0
		135	138	13.07	13.50	13.56	0	15.0
		270	0	13.07	**13.60**	13.52	0	15.0
	16QAM	1	1	13.28	13.46	13.57	0	15.0
	64QAM	1	1	13.16	13.57	13.37	0	15.0
	256QAM	1	1	13.08	13.60	13.55	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	13.15	13.56	13.54	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	13.11	13.58	13.63	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	13.18	13.51	13.46	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	13.31	13.65	13.54	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	13.13	13.55	13.60	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	13.13	13.63	13.51	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	13.15	13.58	13.58	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	13.16	13.56	13.49	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	13.32	13.46	13.61	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	13.16	13.57	13.50	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	13.21	13.64	13.65	0	15.0

Part27Q_n77 (SCS 30kHz)_Ant1 For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		10.12		0	11.5
		1	137		10.17		0	15.0
		1	271		10.21		0	15.0
		135	0		10.20		0	15.0
		135	69		10.12		0	15.0
		135	138		10.26		0	15.0
		270	0		10.10		0	15.0
	QPSK	1	1		**10.33**		0	15.0
		1	137		10.31		0	15.0
		1	271		10.20		0	15.0
		135	0		10.26		0	15.0
		135	69		**10.32**		0	15.0
		135	138		10.25		0	15.0
		270	0		**10.09**		0	15.0
	16QAM	1	1		10.15		0	15.0
	64QAM	1	1		10.26		0	15.0
	256QAM	1	1		10.32		0	15.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	10.11	9.90	9.97	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	10.00	9.98	9.95	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	9.93	9.90	10.15	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	9.99	10.09	9.91	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	9.83	9.94	10.08	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	9.99	10.15	10.10	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	9.97	10.04	10.05	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	9.94	10.02	10.05	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	10.08	10.06	9.98	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	9.83	9.98	10.04	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	10.02	9.99	9.96	0	15.0

Part27O_n77 (SCS 30kHz)_Ant1 For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	10.06	10.01	10.03	0	11.5
		1	137	10.13	10.04	10.06	0	15.0
		1	271	10.14	10.03	10.03	0	15.0
		135	0	10.12	10.01	10.04	0	15.0
		135	69	10.05	10.02	10.18	0	15.0
		135	138	10.09	10.12	10.01	0	15.0
		270	0	9.87	9.95	10.09	0	15.0
	QPSK	1	1	**10.16**	**10.22**	**10.13**	0	15.0
		1	137	10.01	10.16	10.11	0	15.0
		1	271	10.06	10.12	10.10	0	15.0
		135	0	10.02	10.12	10.11	0	15.0
		135	69	**10.16**	**10.19**	**10.13**	0	15.0
		135	138	9.92	10.09	10.10	0	15.0
		270	0	9.85	**10.04**	10.01	0	15.0
	16QAM	1	1	10.12	10.02	10.10	0	15.0
	64QAM	1	1	9.94	10.13	10.00	0	15.0
	256QAM	1	1	9.87	10.13	10.04	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	10.02	9.98	10.05	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	10.00	9.96	9.94	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	10.02	10.19	10.02	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	10.00	10.03	10.07	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	10.05	10.02	9.96	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	10.01	9.97	9.96	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	9.92	10.12	9.92	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	9.81	9.99	9.91	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	10.14	10.05	10.02	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	10.05	9.88	9.90	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	10.08	10.20	10.04	0	15.0

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Part27Q_n77 (SCS 30kHz)_Ant1(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		15.54		0	17.0
		1	137		15.45		0	17.0
		1	271		15.46		0	17.0
		135	0		15.50		0	17.0
		135	69		15.34		0	17.0
		135	138		15.35		0	17.0
		270	0		15.55		0	17.0
	QPSK	1	1		**15.58**		0	17.0
		1	137		15.50		0	17.0
		1	271		15.54		0	17.0
		135	0		15.50		0	17.0
		135	69		**15.55**		0	17.0
		135	138		15.32		0	17.0
		270	0		**15.51**		0	17.0
	16QAM	1	1		15.37		0	17.0
	64QAM	1	1		15.42		0	17.0
	256QAM	1	1		15.38		0	17.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	15.37	15.45	15.46	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	15.34	15.32	15.43	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	15.47	15.46	15.52	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	15.41	15.30	15.41	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	15.49	15.49	15.43	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	15.41	15.46	15.55	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	15.34	15.35	15.38	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	15.42	15.34	15.43	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	15.47	15.49	15.38	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	15.53	15.37	15.38	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	15.51	15.43	15.49	0	17.0

Part27O_n77 (SCS 30kHz)_Ant1(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	15.45	15.74	15.38	0	17.0
		1	137	15.34	15.78	15.36	0	17.0
		1	271	15.31	15.63	15.28	0	17.0
		135	0	15.25	15.73	15.39	0	17.0
		135	69	15.31	15.60	15.30	0	17.0
		135	138	15.26	15.72	15.45	0	17.0
		270	0	15.25	15.66	15.31	0	17.0
	QPSK	1	1	**15.55**	**15.81**	**15.58**	0	17.0
		1	137	15.35	15.79	15.34	0	17.0
		1	271	15.25	15.69	15.39	0	17.0
		135	0	15.41	15.72	15.47	0	17.0
		135	69	**15.52**	**15.78**	**15.55**	0	17.0
		135	138	15.34	15.76	15.30	0	17.0
		270	0	15.56	**15.73**	15.62	0	17.0
	16QAM	1	1	15.38	15.77	15.41	0	17.0
	64QAM	1	1	15.29	15.70	15.35	0	17.0
	256QAM	1	1	15.42	15.61	15.47	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	15.44	15.73	15.45	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	15.31	15.69	15.47	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	15.47	15.67	15.47	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	15.33	15.80	15.27	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	15.46	15.76	15.39	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	15.26	15.61	15.29	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	15.45	15.75	15.44	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	15.44	15.77	15.49	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	15.47	15.74	15.48	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	15.35	15.69	15.33	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	15.36	15.80	15.28	0	17.0

Part27Q_n77 (SCS 30kHz)_Ant1(HPUE) For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		12.37		0	13.5
		1	137		12.30		0	17.0
		1	271		12.15		0	17.0
		135	0		12.21		0	17.0
		135	69		12.12		0	17.0
		135	138		12.31		0	17.0
		270	0		12.33		0	17.0
	QPSK	1	1		**12.42**		0	17.0
		1	137		12.38		0	17.0
		1	271		12.23		0	17.0
		135	0		12.32		0	17.0
		135	69		**12.40**		0	17.0
		135	138		12.38		0	17.0
		270	0		**12.33**		0	17.0
	16QAM	1	1		12.31		0	17.0
	64QAM	1	1		12.31		0	17.0
	256QAM	1	1		12.23		0	17.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	11.90	12.29	11.93	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	11.99	12.19	12.07	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	11.82	12.16	11.89	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	11.89	12.24	11.88	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	11.65	12.16	11.90	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	11.85	12.24	11.69	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	11.95	12.25	12.01	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	11.77	12.18	11.76	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	11.98	12.22	12.00	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	11.80	12.22	11.96	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	11.99	12.01	11.95	0	17.0

Part27O_n77 (SCS 30kHz)_Ant1(HPUE) For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	11.93	12.30	11.97	0	13.5
		1	137	11.94	12.30	11.96	0	17.0
		1	271	11.88	12.14	11.86	0	17.0
		135	0	11.83	12.21	11.98	0	17.0
		135	69	11.84	12.10	11.86	0	17.0
		135	138	11.73	12.20	11.94	0	17.0
		270	0	11.77	12.20	11.78	0	17.0
	QPSK	1	1	**12.12**	**12.39**	**12.04**	0	17.0
		1	137	11.81	12.32	11.80	0	17.0
		1	271	11.75	12.19	11.98	0	17.0
		135	0	11.95	12.29	11.96	0	17.0
		135	69	**12.09**	**12.35**	**12.13**	0	17.0
		135	138	11.89	12.26	11.83	0	17.0
		270	0	12.05	**12.33**	12.09	0	17.0
	16QAM	1	1	11.91	12.24	12.01	0	17.0
	64QAM	1	1	11.81	12.17	11.92	0	17.0
	256QAM	1	1	12.02	12.10	11.98	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	11.86	12.16	11.88	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	11.83	12.01	11.85	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	11.69	12.14	11.87	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	12.05	12.30	12.01	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	11.68	12.19	11.77	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	11.94	12.25	11.83	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	11.77	12.11	11.98	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	11.71	12.03	11.85	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	11.82	12.04	11.73	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	11.91	12.21	11.89	0	17.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	11.68	12.16	11.81	0	17.0

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Part27Q_n77 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		12.03		0	12.5
		1	137		12.01		0	12.5
		1	271		11.99		0	12.5
		135	0		11.98		0	12.5
		135	69		12.04		0	12.5
		135	138		12.03		0	12.5
		270	0		11.99		0	12.5
	QPSK	1	1		12.13		0	12.5
		1	137		11.97		0	12.5
		1	271		12.05		0	12.5
		135	0		12.00		0	12.5
		135	69		12.10		0	12.5
		135	138		11.97		0	12.5
		270	0		12.08		0	12.5
	16QAM	1	1		12.03		0	12.5
	64QAM	1	1		12.02		0	12.5
	256QAM	1	1		12.02		0	12.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	11.85	11.85	11.92	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	11.99	11.97	11.92	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	11.95	11.99	12.01	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	11.83	11.83	12.00	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	11.85	11.80	11.88	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	11.94	11.78	12.09	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	11.71	11.82	11.95	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	11.91	12.02	12.01	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	11.79	11.86	12.08	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	11.81	12.04	12.01	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	12.02	11.99	11.93	0	12.5

Part27O_n77 (SCS 30kHz)_Ant2								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	11.43	11.71	11.82	0	12.5
		1	137	11.48	11.70	11.88	0	12.5
		1	271	11.46	11.81	11.78	0	12.5
		135	0	11.41	11.74	11.77	0	12.5
		135	69	11.35	11.78	11.87	0	12.5
		135	138	11.40	11.80	11.82	0	12.5
		270	0	11.48	11.68	11.75	0	12.5
	QPSK	1	1	11.53	11.86	11.93	0	12.5
		1	137	11.43	11.79	11.76	0	12.5
		1	271	11.46	11.69	11.83	0	12.5
		135	0	11.47	11.77	11.75	0	12.5
		135	69	11.50	11.82	11.84	0	12.5
		135	138	11.44	11.69	11.78	0	12.5
		270	0	11.46	11.78	11.78	0	12.5
	16QAM	1	1	11.44	11.81	11.84	0	12.5
	64QAM	1	1	11.39	11.81	11.80	0	12.5
	256QAM	1	1	11.44	11.68	11.78	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	11.50	11.66	11.87	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	11.55	11.71	11.87	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	11.52	11.75	11.84	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	11.38	11.80	11.88	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	11.55	11.83	11.86	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	11.44	11.82	11.73	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	11.54	11.78	11.85	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	11.43	11.73	11.88	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	11.49	11.76	11.79	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	11.49	11.75	11.83	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	11.52	11.81	11.85	0	12.5

Part27Q_n77 (SCS 30kHz)_Ant2(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		13.50		0	14.5
		1	137		13.58		0	12.5
		1	271		13.52		0	12.5
		135	0		13.55		0	12.5
		135	69		13.53		0	12.5
		135	138		13.61		0	12.5
		270	0		13.59		0	12.5
	QPSK	1	1		13.70		0	12.5
		1	137		13.50		0	12.5
		1	271		13.51		0	12.5
		135	0		13.57		0	12.5
		135	69		13.60		0	12.5
		135	138		13.50		0	12.5
		270	0		13.52		0	12.5
	16QAM	1	1		13.51		0	12.5
	64QAM	1	1		13.57		0	12.5
	256QAM	1	1		13.60		0	12.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.55	13.62	13.61	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	13.57	13.61	13.67	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.46	13.59	13.52	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	13.63	13.45	13.63	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.50	13.65	13.57	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.51	13.61	13.56	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.46	13.60	13.59	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	13.60	13.58	13.60	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	13.62	13.65	13.64	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	13.49	13.60	13.52	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	13.51	13.61	13.48	0	12.5

Part27O_n77 (SCS 30kHz)_Ant2(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	13.57	13.95	13.92	0	14.5
		1	137	13.50	13.92	13.88	0	12.5
		1	271	13.51	13.97	13.82	0	12.5
		135	0	13.57	13.90	13.80	0	12.5
		135	69	13.55	13.91	13.80	0	12.5
		135	138	13.51	13.93	13.89	0	12.5
		270	0	13.52	13.92	13.92	0	12.5
	QPSK	1	1	13.67	14.05	14.00	0	12.5
		1	137	13.53	13.96	13.85	0	12.5
		1	271	13.54	13.93	13.88	0	12.5
		135	0	13.54	13.87	13.84	0	12.5
		135	69	13.65	14.01	13.96	0	12.5
		135	138	13.55	13.97	13.82	0	12.5
		270	0	13.49	13.98	13.84	0	12.5
	16QAM	1	1	13.58	13.87	13.80	0	12.5
	64QAM	1	1	13.56	13.85	13.91	0	12.5
	256QAM	1	1	13.56	13.95	13.83	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	13.68	13.94	13.73	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	13.68	13.70	13.86	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	13.48	13.76	13.68	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	13.66	13.83	13.81	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	13.52	13.77	13.80	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	13.54	13.84	13.81	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	13.50	13.76	13.69	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	13.61	13.83	13.75	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	13.67	13.80	13.67	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	13.54	13.84	13.81	0	12.5
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	13.60	13.83	13.77	0	12.5

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Part27Q_n77 (SCS 30kHz)_Ant3

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		17.09		0	18.0
		1	137		17.16		0	18.0
		1	271		17.07		0	18.0
		135	0		17.17		0	18.0
		135	69		17.09		0	18.0
		135	138		17.16		0	18.0
		270	0		17.19		0	18.0
	QPSK	1	1		**17.27**		0	18.0
		1	137		17.08		0	18.0
		1	271		17.19		0	18.0
		135	0		17.19		0	18.0
		135	69		**17.24**		0	18.0
		135	138		17.13		0	18.0
		270	0		**17.21**		0	18.0
	16QAM	1	1		17.08		0	18.0
	64QAM	1	1		17.18		0	18.0
	256QAM	1	1		17.18		0	18.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	17.17	17.01	17.14	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	17.09	16.97	17.27	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	17.10	17.05	17.23	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	17.07	17.16	17.22	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	17.17	17.15	17.12	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	17.20	17.12	17.26	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	17.06	17.14	17.14	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	17.10	17.10	17.23	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	17.17	17.10	17.13	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	17.19	17.00	17.07	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	17.03	17.21	17.06	0	18.0

Part27O_n77 (SCS 30kHz)_Ant3

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	17.17	16.86	16.61	0	18.0
		1	137	17.23	16.89	16.64	0	18.0
		1	271	17.21	16.93	16.67	0	18.0
		135	0	17.24	16.87	16.64	0	18.0
		135	69	17.15	16.88	16.59	0	18.0
		135	138	17.16	16.93	16.64	0	18.0
		270	0	17.25	16.89	16.56	0	18.0
	QPSK	1	1	**17.35**	**17.03**	**16.76**	0	18.0
		1	137	17.27	16.91	16.67	0	18.0
		1	271	17.21	16.87	16.66	0	18.0
		135	0	17.17	16.93	16.66	0	18.0
		135	69	**17.32**	**16.98**	**16.73**	0	18.0
		135	138	17.24	16.93	16.62	0	18.0
		270	0	**17.29**	16.89	16.71	0	18.0
	16QAM	1	1	17.23	16.94	16.67	0	18.0
	64QAM	1	1	17.27	16.85	16.57	0	18.0
	256QAM	1	1	17.18	16.90	16.57	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	17.05	16.79	16.57	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	17.02	16.68	16.62	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	17.02	16.75	16.61	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	17.11	16.85	16.57	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	17.03	16.72	16.59	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	17.21	16.81	16.47	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	17.16	16.76	16.39	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	16.97	16.91	16.49	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	17.10	16.85	16.62	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	16.99	16.79	16.62	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	17.09	16.71	16.62	0	18.0

Part27Q_n77 (SCS 30kHz)_Ant3 For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		13.39		0	14.5
		1	137		13.53		0	18.0
		1	271		13.57		0	18.0
		135	0		13.64		0	18.0
		135	69		13.60		0	18.0
		135	138		13.67		0	18.0
		270	0		13.56		0	18.0
	QPSK	1	1		**13.72**		0	18.0
		1	137		13.54		0	18.0
		1	271		13.52		0	18.0
		135	0		13.66		0	18.0
		135	69		**13.66**		0	18.0
		135	138		13.59		0	18.0
		270	0		**13.59**		0	18.0
	16QAM	1	1		13.61		0	18.0
	64QAM	1	1		13.39		0	18.0
	256QAM	1	1		13.58		0	18.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.68	13.27	13.02	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	13.63	13.42	13.04	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.67	13.37	13.05	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	13.57	13.45	13.03	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.68	13.39	13.12	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.63	13.37	13.08	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.58	13.45	13.17	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	13.60	13.41	13.16	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	13.63	13.21	12.95	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	13.68	13.44	13.17	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	13.71	13.41	13.25	0	18.0

Part27O_n77 (SCS 30kHz)_Ant3 For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	13.67	13.32	13.17	0	14.5
		1	137	13.69	13.41	13.15	0	18.0
		1	271	13.69	13.51	13.25	0	18.0
		135	0	13.82	13.46	13.13	0	18.0
		135	69	13.70	13.45	13.19	0	18.0
		135	138	13.64	13.53	13.24	0	18.0
		270	0	13.71	13.42	13.02	0	18.0
	QPSK	1	1	**13.87**	**13.55**	**13.46**	0	18.0
		1	137	13.77	13.46	13.35	0	18.0
		1	271	13.70	13.44	13.22	0	18.0
		135	0	13.71	13.49	13.16	0	18.0
		135	69	**13.85**	**13.57**	**13.25**	0	18.0
		135	138	13.81	13.48	13.18	0	18.0
		270	0	**13.83**	13.41	13.26	0	18.0
	16QAM	1	1	13.71	13.52	13.14	0	18.0
	64QAM	1	1	13.79	13.31	13.08	0	18.0
	256QAM	1	1	13.72	13.45	13.17	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	13.65	13.33	13.12	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	13.56	13.38	13.21	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	13.66	13.33	13.08	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	13.60	13.51	13.18	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	13.75	13.41	13.21	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	13.68	13.34	13.08	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	13.68	13.40	13.06	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	13.72	13.35	13.14	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	13.65	13.47	13.06	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	13.60	13.39	13.02	0	18.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	13.58	13.30	13.09	0	18.0

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Part27Q_n77 (SCS 30kHz)_Ant3(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		19.39		0	20.0
		1	137		19.36		0	20.0
		1	271		19.29		0	20.0
		135	0		19.36		0	20.0
		135	69		19.34		0	20.0
		135	138		19.38		0	20.0
		270	0		19.40		0	20.0
	QPSK	1	1		**19.41**		0	20.0
		1	137		19.28		0	20.0
		1	271		19.30		0	20.0
		135	0		19.32		0	20.0
		135	69		**19.39**		0	20.0
		135	138		19.36		0	20.0
		270	0		**19.36**		0	20.0
	16QAM	1	1		19.33		0	20.0
	64QAM	1	1		19.36		0	20.0
	256QAM	1	1		19.37		0	20.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	19.28	19.29	19.37	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	19.16	19.22	19.21	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	19.24	19.28	19.18	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	19.29	19.19	19.14	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	19.15	19.21	19.31	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	19.20	19.36	19.27	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	19.29	19.10	19.15	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	19.35	19.15	19.22	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	19.19	19.25	19.26	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	19.18	19.34	19.32	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	19.26	19.18	19.27	0	20.0

Part27O_n77 (SCS 30kHz)_Ant3(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	18.63	19.08	18.92	0	20.0
		1	137	18.57	19.06	18.93	0	20.0
		1	271	18.61	19.07	18.98	0	20.0
		135	0	18.55	19.03	18.99	0	20.0
		135	69	18.63	19.09	18.99	0	20.0
		135	138	18.65	19.10	18.98	0	20.0
		270	0	18.60	19.05	18.96	0	20.0
	QPSK	1	1	**18.75**	**19.20**	**19.12**	0	20.0
		1	137	18.62	19.00	19.04	0	20.0
		1	271	18.67	19.01	19.04	0	20.0
		135	0	18.64	19.01	19.00	0	20.0
		135	69	**18.72**	**19.15**	**19.10**	0	20.0
		135	138	18.58	19.03	18.93	0	20.0
		270	0	18.70	**19.12**	19.06	0	20.0
	16QAM	1	1	18.67	19.11	18.98	0	20.0
	64QAM	1	1	18.59	19.07	19.04	0	20.0
	256QAM	1	1	18.61	19.10	19.02	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	18.60	19.11	18.90	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	18.67	19.18	19.03	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	18.71	19.11	18.94	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	18.60	19.15	18.87	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	18.74	19.10	18.95	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	18.64	19.14	19.08	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	18.69	19.10	18.82	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	18.77	19.12	18.82	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	18.65	19.08	18.92	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	18.76	19.10	18.98	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	18.77	19.17	18.82	0	20.0

Part27Q_n77 (SCS 30kHz)_Ant3(HPUE) For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		15.45		0	16.5
		1	137		15.52		0	20.0
		1	271		15.49		0	20.0
		135	0		15.56		0	20.0
		135	69		15.60		0	20.0
		135	138		15.54		0	20.0
		270	0		15.48		0	20.0
	QPSK	1	1		**15.67**		0	20.0
		1	137		15.44		0	20.0
		1	271		15.52		0	20.0
		135	0		15.39		0	20.0
		135	69		**15.57**		0	20.0
		135	138		15.57		0	20.0
		270	0		**15.56**		0	20.0
	16QAM	1	1		15.57		0	20.0
	64QAM	1	1		15.60		0	20.0
	256QAM	1	1		15.64		0	20.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	15.15	15.53	15.51	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	15.12	15.44	15.43	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	15.16	15.47	15.43	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	14.99	15.55	15.41	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	15.10	15.44	15.36	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	15.07	15.47	15.52	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	15.03	15.46	15.39	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	15.32	15.62	15.54	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	14.96	15.50	15.49	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	14.98	15.55	15.37	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	15.00	15.44	15.45	0	20.0

Part27O_n77 (SCS 30kHz)_Ant3(HPUE) For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	15.18	15.60	15.52	0	16.5
		1	137	15.04	15.59	15.52	0	20.0
		1	271	15.12	15.64	15.46	0	20.0
		135	0	15.06	15.57	15.47	0	20.0
		135	69	15.16	15.69	15.48	0	20.0
		135	138	15.20	15.59	15.55	0	20.0
		270	0	15.17	15.58	15.48	0	20.0
	QPSK	1	1	**15.45**	**15.73**	**15.59**	0	20.0
		1	137	15.13	15.49	15.51	0	20.0
		1	271	15.25	15.54	15.56	0	20.0
		135	0	15.13	15.51	15.47	0	20.0
		135	69	**15.30**	**15.68**	**15.66**	0	20.0
		135	138	15.08	15.63	15.39	0	20.0
		270	0	15.24	**15.69**	15.52	0	20.0
	16QAM	1	1	15.25	15.65	15.55	0	20.0
	64QAM	1	1	15.15	15.64	15.59	0	20.0
	256QAM	1	1	15.09	15.70	15.51	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	15.10	15.53	15.38	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	15.14	15.54	15.44	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	15.34	15.64	15.48	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	15.24	15.43	15.51	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	15.22	15.54	15.65	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	15.23	15.61	15.43	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	15.04	15.53	15.53	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	15.08	15.57	15.37	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	15.14	15.63	15.35	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	15.11	15.58	15.41	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	15.21	15.52	15.41	0	20.0

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Part27Q_n77 (SCS 30kHz)_Ant7

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		14.85		0	16.0
		1	137		14.78		0	16.0
		1	271		14.75		0	16.0
		135	0		14.76		0	16.0
		135	69		14.82		0	16.0
		135	138		14.79		0	16.0
		270	0		14.81		0	16.0
	QPSK	1	1		**14.95**		0	16.0
		1	137		14.78		0	16.0
		1	271		14.81		0	16.0
		135	0		14.82		0	16.0
		135	69		**14.92**		0	16.0
		135	138		14.77		0	16.0
		270	0		**14.90**		0	16.0
	16QAM	1	1		14.87		0	16.0
	64QAM	1	1		14.79		0	16.0
	256QAM	1	1		14.77		0	16.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	14.85	14.76	14.92	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	14.80	14.81	14.80	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	14.72	14.74	14.86	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	14.62	14.78	14.76	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	14.68	14.80	14.90	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	14.90	14.66	14.77	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	14.80	14.79	14.80	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	14.66	14.69	14.73	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	14.91	14.73	14.94	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	14.83	14.70	14.76	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	14.82	14.77	14.75	0	16.0

Part27O_n77 (SCS 30kHz)_Ant7

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	14.79	14.75	14.79	0	16.0
		1	137	14.88	14.72	14.81	0	16.0
		1	271	14.83	14.74	14.75	0	16.0
		135	0	14.85	14.78	14.75	0	16.0
		135	69	14.78	14.83	14.79	0	16.0
		135	138	14.78	14.76	14.73	0	16.0
		270	0	14.84	14.76	14.79	0	16.0
	QPSK	1	1	**14.97**	**15.00**	**14.93**	0	16.0
		1	137	14.84	14.71	14.75	0	16.0
		1	271	14.80	14.77	14.82	0	16.0
		135	0	14.79	14.72	14.80	0	16.0
		135	69	**14.94**	**14.97**	**14.90**	0	16.0
		135	138	14.87	14.78	14.85	0	16.0
		270	0	14.78	**14.96**	14.73	0	16.0
	16QAM	1	1	14.87	14.74	14.79	0	16.0
	64QAM	1	1	14.84	14.74	14.79	0	16.0
	256QAM	1	1	14.85	14.75	14.84	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	14.65	14.78	14.91	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	14.84	14.86	14.71	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	14.79	14.72	14.67	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	14.87	14.84	14.78	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	14.77	14.77	14.76	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	14.74	14.91	14.71	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	14.77	14.89	14.88	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	14.89	14.89	14.75	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	14.75	14.82	14.75	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	14.90	14.73	14.83	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	14.76	14.88	14.82	0	16.0

Part27Q_n77 (SCS 30kHz)_Ant7(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		16.54		0	18.0
		1	137		16.51		0	16.0
		1	271		16.60		0	16.0
		135	0		16.60		0	16.0
		135	69		16.55		0	16.0
		135	138		16.52		0	16.0
		270	0		16.62		0	16.0
	QPSK	1	1		**16.70**		0	16.0
		1	137		16.60		0	16.0
		1	271		16.54		0	16.0
		135	0		16.51		0	16.0
		135	69		**16.67**		0	16.0
		135	138		16.50		0	16.0
		270	0		**16.64**		0	16.0
	16QAM	1	1		16.58		0	16.0
	64QAM	1	1		16.50		0	16.0
	256QAM	1	1		16.53		0	16.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	16.67	16.52	16.67	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	16.46	16.54	16.61	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	16.45	16.43	16.67	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	16.54	16.54	16.68	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		631668	24.28	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	16.59	16.50	16.62	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	16.69	16.51	16.68	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	16.49	16.50	16.57	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	16.46	16.50	16.61	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	16.37	16.51	16.69	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	16.45	16.48	16.65	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	16.56	16.55	16.53	0	16.0

Part27O_n77 (SCS 30kHz)_Ant7(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel		650000	656000	662000		
		Frequence (MHz)		3750	3840	3930		
100	Pi/2 BPSK	1	1	16.19	16.65	16.56	0	18.0
		1	137	16.17	16.60	16.54	0	16.0
		1	271	16.14	16.65	16.47	0	16.0
		135	0	16.12	16.62	16.45	0	16.0
		135	69	16.22	16.69	16.53	0	16.0
		135	138	16.13	16.71	16.45	0	16.0
		270	0	16.12	16.61	16.46	0	16.0
	QPSK	1	1	**16.31**	**16.79**	**16.64**	0	16.0
		1	137	16.17	16.64	16.56	0	16.0
		1	271	16.20	16.70	16.48	0	16.0
		135	0	16.11	16.71	16.49	0	16.0
		135	69	**16.28**	**16.77**	**16.62**	0	16.0
		135	138	16.14	16.68	16.56	0	16.0
		270	0	16.23	**16.73**	16.59	0	16.0
	16QAM	1	1	16.21	16.68	16.44	0	16.0
	64QAM	1	1	16.15	16.60	16.55	0	16.0
	256QAM	1	1	16.13	16.68	16.53	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		649668	656000	662332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3745.02	3840	3934.98		
90	QPSK	1	1	16.25	16.71	16.46	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		649334	656000	662666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99		
80	QPSK	1	1	16.28	16.50	16.47	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		649000	656000	663000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3735	3840	3945		
70	QPSK	1	1	16.30	16.56	16.48	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		648668	656000	663332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98		
60	QPSK	1	1	16.23	16.65	16.62	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		648334	656000	663666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3725.01	3840	3954.99		
50	QPSK	1	1	16.24	16.52	16.68	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		648000	656000	664000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3720	3840	3960		
40	QPSK	1	1	16.19	16.51	16.70	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647668	656000	664332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3715.02	3840	3964.98		
30	QPSK	1	1	16.14	16.74	16.55	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647500	656000	664500	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3712.5	3840	3967.5		
25	QPSK	1	1	16.23	16.58	16.66	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647334	656000	664666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99		
20	QPSK	1	1	16.36	16.71	16.50	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647168	656000	664832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3707.52	3840	3972.48		
15	QPSK	1	1	16.22	16.55	16.60	0	16.0
BW [MHz]	DFT-s-OFDM	Channel		647000	656000	665000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3705	3840	3975		
10	QPSK	1	1	16.40	16.47	16.64	0	16.0

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Part27Q_n78 (SCS 30kHz)_Ant1

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		13.26		0	14.5
		1	137		13.30		0	14.5
		1	271		13.28		0	14.5
		135	0		13.22		0	14.5
		135	69		13.27		0	14.5
		135	138		13.27		0	14.5
		270	0		13.22		0	14.5
	QPSK	1	1		13.38		0	14.5
		1	137		13.18		0	14.5
		1	271		13.24		0	14.5
		135	0		13.30		0	14.5
		135	69		13.35		0	14.5
		135	138		13.21		0	14.5
		270	0		13.33		0	14.5
	16QAM	1	1		13.23		0	14.5
	64QAM	1	1		13.27		0	14.5
	256QAM	1	1		13.24		0	14.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.17	13.22	13.30	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	13.08	13.23	13.27	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.15	13.20	13.34	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	13.16	13.16	13.28	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.13	13.29	13.20	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.06	13.15	13.21	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.17	13.16	13.28	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	13.17	13.26	13.25	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	13.12	13.22	13.30	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	12.99	13.13	13.14	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	13.15	13.27	13.27	0	14.5

Part27Q_n78 (SCS 30kHz)_Ant1 For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		10.04		0	11.0
		1	137		9.84		0	11.0
		1	271		9.96		0	11.0
		135	0		9.86		0	11.0
		135	69		9.89		0	11.0
		135	138		9.89		0	11.0
		270	0		9.97		0	11.0
	QPSK	1	1		10.05		0	11.0
		1	137		9.65		0	11.0
		1	271		9.59		0	11.0
		135	0		9.99		0	11.0
		135	69		10.02		0	11.0
		135	138		9.95		0	11.0
		270	0		9.97		0	11.0
	16QAM	1	1		9.85		0	11.0
	64QAM	1	1		10.00		0	11.0
	256QAM	1	1		9.96		0	11.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	9.91	9.79	9.73	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	9.89	9.95	9.82	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	9.90	9.83	9.77	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	9.88	9.84	9.80	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	9.85	9.81	9.85	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	9.94	9.66	9.95	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	9.86	10.03	9.95	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	9.98	9.92	9.94	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	9.95	9.90	9.89	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	9.81	9.98	9.92	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	10.01	9.85	9.80	0	11.0

Part27Q_n78 (SCS 30kHz)_Ant1(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		14.83		0	16.5
		1	137		14.80		0	14.5
		1	271		14.83		0	14.5
		135	0		14.86		0	14.5
		135	69		14.79		0	14.5
		135	138		14.81		0	14.5
		270	0		14.84		0	14.5
	QPSK	1	1		14.96		0	14.5
		1	137		14.79		0	14.5
		1	271		14.83		0	14.5
		135	0		14.87		0	14.5
		135	69		14.94		0	14.5
		135	138		14.83		0	14.5
		270	0		14.91		0	14.5
	16QAM	1	1		14.82		0	14.5
	64QAM	1	1		14.86		0	14.5
	256QAM	1	1		14.78		0	14.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	14.55	14.79	14.85	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	14.62	14.74	14.65	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	14.54	14.89	14.79	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	14.76	14.86	14.79	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	14.58	14.79	14.75	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	14.66	14.78	14.83	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	14.54	14.79	14.79	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	14.74	14.63	14.83	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	14.58	14.72	14.75	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	14.73	14.79	14.91	0	14.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	14.59	14.69	14.73	0	14.5

Part27Q_n78 (SCS 30kHz)_Ant1(HPUE) For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		11.29		0	13.0
		1	137		11.45		0	11.0
		1	271		11.56		0	11.0
		135	0		11.39		0	11.0
		135	69		11.44		0	11.0
		135	138		11.40		0	11.0
		270	0		11.32		0	11.0
	QPSK	1	1		11.61		0	11.0
		1	137		11.52		0	11.0
		1	271		11.45		0	11.0
		135	0		11.43		0	11.0
		135	69		11.56		0	11.0
		135	138		11.52		0	11.0
		270	0		11.59		0	11.0
	16QAM	1	1		11.60		0	11.0
	64QAM	1	1		11.48		0	11.0
	256QAM	1	1		11.39		0	11.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	11.42	11.25	11.49	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	11.30	11.53	11.39	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	11.39	11.34	11.30	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	11.36	11.47	11.51	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	11.28	11.39	11.32	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	11.36	11.49	11.45	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	11.38	11.27	11.32	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	11.45	11.59	11.42	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	11.38	11.30	11.34	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	11.41	11.30	11.36	0	11.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	11.48	11.29	11.40	0	11.0

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Part27Q_n78 (SCS 30kHz)_Ant2

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		12.43		0	13.0
		1	137		12.40		0	13.0
		1	271		12.32		0	13.0
		135	0		12.40		0	13.0
		135	69		12.40		0	13.0
		135	138		12.33		0	13.0
		270	0		12.43		0	13.0
	QPSK	1	1		**12.52**		0	13.0
		1	137		12.34		0	13.0
		1	271		12.33		0	13.0
		135	0		12.40		0	13.0
		135	69		**12.50**		0	13.0
		135	138		12.34		0	13.0
		270	0		**12.47**		0	13.0
	16QAM	1	1		12.38		0	13.0
	64QAM	1	1		12.37		0	13.0
	256QAM	1	1		12.44		0	13.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	12.31	12.22	12.43	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	12.32	12.30	12.45	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	12.25	12.32	12.51	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	12.23	12.37	12.30	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	12.32	12.35	12.45	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	12.15	12.39	12.38	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	12.23	12.33	12.37	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	12.18	12.38	12.42	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	12.28	12.30	12.31	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	12.42	12.28	12.38	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	12.25	12.33	12.45	0	13.0

Part27Q_n78 (SCS 30kHz)_Ant2(HPUE)

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		13.92		0	15.0
		1	137		13.91		0	15.0
		1	271		13.93		0	15.0
		135	0		13.92		0	15.0
		135	69		13.86		0	15.0
		135	138		13.93		0	15.0
		270	0		13.88		0	15.0
	QPSK	1	1		**14.06**		0	15.0
		1	137		13.91		0	15.0
		1	271		13.98		0	15.0
		135	0		13.90		0	15.0
		135	69		**14.04**		0	15.0
		135	138		13.95		0	15.0
		270	0		**14.01**		0	15.0
	16QAM	1	1		13.88		0	15.0
	64QAM	1	1		13.87		0	15.0
	256QAM	1	1		13.93		0	15.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.91	13.89	14.06	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	13.94	13.98	13.93	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.79	13.89	14.00	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	13.90	14.02	14.04	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.99	13.86	14.03	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.80	13.77	13.97	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.97	13.97	13.97	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	14.01	14.02	14.01	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	13.88	14.02	14.00	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	13.88	14.00	14.03	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	13.97	14.04	14.03	0	15.0

Part27Q_n78 (SCS 30kHz)_Ant3

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		17.44		0	18.0
		1	137		17.39		0	13.0
		1	271		17.38		0	13.0
		135	0		17.47		0	13.0
		135	69		17.41		0	13.0
		135	138		17.44		0	13.0
		270	0		17.38		0	13.0
	QPSK	1	1		**17.56**		0	13.0
		1	137		17.37		0	13.0
		1	271		17.46		0	13.0
		135	0		17.42		0	13.0
		135	69		**17.54**		0	13.0
		135	138		17.37		0	13.0
		270	0		**17.51**		0	13.0
	16QAM	1	1		17.36		0	13.0
	64QAM	1	1		17.38		0	13.0
	256QAM	1	1		17.37		0	13.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	17.25	17.29	17.50	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	17.40	17.35	17.49	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	17.22	17.40	17.41	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	17.37	17.40	17.55	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	17.32	17.42	17.33	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	17.21	17.34	17.41	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	17.44	17.35	17.33	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	17.33	17.37	17.41	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	17.31	17.32	17.52	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	17.28	17.36	17.42	0	13.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	17.27	17.22	17.45	0	13.0

Part27Q_n78 (SCS 30kHz)_Ant3 For DSDA

BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		14.15		0	14.5
		1	137		13.95		0	15.0
		1	271		14.04		0	15.0
		135	0		13.95		0	15.0
		135	69		13.90		0	15.0
		135	138		14.00		0	15.0
		270	0		14.09		0	15.0
	QPSK	1	1		**14.18**		0	15.0
		1	137		13.74		0	15.0
		1	271		13.72		0	15.0
		135	0		14.08		0	15.0
		135	69		**14.16**		0	15.0
		135	138		13.98		0	15.0
		270	0		**14.00**		0	15.0
	16QAM	1	1		13.90		0	15.0
	64QAM	1	1		14.11		0	15.0
	256QAM	1	1		14.03		0	15.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.87	13.92	13.94	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	14.03	13.89	13.80	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.94	14.12	14.11	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	14.04	13.93	14.03	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.91	14.13	13.83	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.88	13.99	13.92	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.87	13.93	14.10	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	13.97	14.02	14.03	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	13.95	14.06	14.12	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	13.93	13.96	14.05	0	15.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	14.02	14.14	13.90	0	15.0

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Part27Q_n78 (SCS 30kHz)_Ant3(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		19.13		0	20.0
		1	137		19.16		0	20.0
		1	271		19.11		0	20.0
		135	0		19.20		0	20.0
		135	69		19.10		0	20.0
		135	138		19.17		0	20.0
		270	0		19.17		0	20.0
	QPSK	1	1		**19.28**		0	20.0
		1	137		19.17		0	20.0
		1	271		19.17		0	20.0
		135	0		19.09		0	20.0
		135	69		**19.25**		0	20.0
		135	138		19.11		0	20.0
		270	0		**19.22**		0	20.0
	16QAM	1	1		19.16		0	20.0
	64QAM	1	1		19.09		0	20.0
	256QAM	1	1		19.17		0	20.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	19.06	19.14	19.23	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	19.21	19.15	19.23	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	19.15	19.01	19.25	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	19.20	19.00	19.24	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	19.20	19.04	19.12	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	19.22	19.14	19.15	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	19.16	19.08	19.14	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	19.07	18.97	19.24	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	19.10	19.01	19.12	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	19.22	19.07	19.02	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	19.27	19.08	19.21	0	20.0

Part27Q_n78 (SCS 30kHz)_Ant3(HPUE) For DSDA								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		15.93		0	16.5
		1	137		15.71		0	16.5
		1	271		15.93		0	16.5
		135	0		15.72		0	16.5
		135	69		15.79		0	16.5
		135	138		15.78		0	16.5
		270	0		15.92		0	16.5
	QPSK	1	1		**16.05**		0	16.5
		1	137		15.50		0	16.5
		1	271		15.61		0	16.5
		135	0		15.95		0	16.5
		135	69		**16.01**		0	16.5
		135	138		15.80		0	16.5
		270	0		**15.88**		0	16.5
	16QAM	1	1		15.71		0	16.5
	64QAM	1	1		16.00		0	16.5
	256QAM	1	1		16.03		0	16.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	15.80	15.82	15.75	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	15.82	15.99	16.02	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	16.02	15.94	15.71	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	15.82	15.94	15.78	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	15.78	15.89	15.59	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	15.88	15.91	15.69	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	15.99	15.94	16.00	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	15.89	16.01	15.84	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	15.72	16.00	15.78	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	15.91	15.72	15.99	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	15.92	15.69	15.98	0	16.5

Part27Q_n78 (SCS 30kHz)_Ant7								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		13.77		0	15.0
		1	137		13.81		0	20.0
		1	271		13.80		0	20.0
		135	0		13.75		0	20.0
		135	69		13.80		0	20.0
		135	138		13.83		0	20.0
		270	0		13.77		0	20.0
	QPSK	1	1		**13.92**		0	20.0
		1	137		13.77		0	20.0
		1	271		13.77		0	20.0
		135	0		13.75		0	20.0
		135	69		**13.90**		0	20.0
		135	138		13.78		0	20.0
		270	0		**13.87**		0	20.0
	16QAM	1	1		13.74		0	20.0
	64QAM	1	1		13.73		0	20.0
	256QAM	1	1		13.79		0	20.0
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	13.72	13.91	13.75	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	13.86	13.76	13.75	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	13.77	13.73	13.69	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	13.65	13.90	13.71	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	13.64	13.81	13.84	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	13.64	13.72	13.78	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	13.76	13.90	13.89	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	13.64	13.66	13.91	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	13.72	13.82	13.85	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	13.72	13.73	13.67	0	20.0
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	13.87	13.76	13.86	0	20.0

Part27Q_n78 (SCS 30kHz)_Ant7(HPUE)								
BW [MHz]	DFT-s-OFDM	RB Size	RB Offset	Low	Mid	High	MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100	Pi/2 BPSK	1	1		15.67		0	17.0
		1	137		15.68		0	16.5
		1	271		15.69		0	16.5
		135	0		15.70		0	16.5
		135	69		15.73		0	16.5
		135	138		15.68		0	16.5
		270	0		15.69		0	16.5
	QPSK	1	1		**15.80**		0	16.5
		1	137		15.64		0	16.5
		1	271		15.73		0	16.5
		135	0		15.74		0	16.5
		135	69		**15.77**		0	16.5
		135	138		15.75		0	16.5
		270	0		**15.75**		0	16.5
	16QAM	1	1		15.75		0	16.5
	64QAM	1	1		15.68		0	16.5
	256QAM	1	1		15.75		0	16.5
BW [MHz]	DFT-s-OFDM	Channel		633000	633334	633666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90	QPSK	1	1	15.68	15.38	15.66	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632668	633334	634000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80	QPSK	1	1	15.50	15.63	15.69	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632334	633334	634332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70	QPSK	1	1	15.69	15.48	15.56	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		632000	633334	634666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60	QPSK	1	1	15.59	15.50	15.51	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631668	633334	635000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3475.02	3500.01	3525		
50	QPSK	1	1	15.69	15.66	15.74	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631334	633334	635332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40	QPSK	1	1	15.48	15.47	15.47	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		631000	633334	635666	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3465	3500.01	3534.99		
30	QPSK	1	1	15.60	15.46	15.51	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		630834	633334	635832	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3462.51	3500.01	3537.48		
25	QPSK	1	1	15.60	15.62	15.65	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		630668	633334	636000	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20	QPSK	1	1	15.54	15.52	15.67	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		630500	633334	636166	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3457.5	3500.01	3542.49		
15	QPSK	1	1	15.71	15.58	15.62	0	16.5
BW [MHz]	DFT-s-OFDM	Channel		630334	633334	636332	MPR (dB)	Max. Tune-up
		Frequence (MHz)		3455.01	3500.01	3544.98		
10	QPSK	1	1	15.56	15.41	15.55	0	16.5

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LTE Band 5_Ant0								
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20450	20525	20600		
		Frequency (MHz)		829	836.5	844		
10M	QPSK	1	0	24.02	24.16	24.03	0	25
		1	24	24.23	**24.32**	24.16	0	25
		1	49	23.84	23.88	23.80	0	25
		25	0	23.09	23.15	23.10	1	24
		25	12	23.14	23.23	23.26	1	24
		25	25	23.03	23.13	23.17	1	24
		50	0	22.95	23.15	23.12	1	24
	16QAM	1	0	23.63	23.52	23.52	1	24
		1	24	23.50	23.59	23.47	1	24
		1	49	23.53	23.41	23.33	1	24
		25	0	22.17	22.20	22.11	2	23
		25	12	22.26	22.22	22.37	2	23
		25	25	21.92	22.15	22.19	2	23
		50	0	22.10	22.04	22.06	2	23
	64QAM	1	0	22.28	22.24	22.19	2	23
		1	24	22.34	22.37	22.09	2	23
		1	49	22.22	22.37	22.06	2	23
		25	0	20.86	21.11	21.06	3	22
		25	12	21.06	21.36	21.10	3	22
		25	25	21.05	21.08	20.95	3	22
		50	0	21.18	21.21	21.07	3	22
	256QAM	1	0	19.00	19.10	18.96	5	20
		1	24	19.22	19.23	19.20	5	20
		1	49	19.09	19.37	19.18	5	20
		25	0	18.97	19.15	19.01	5	20
		25	12	18.99	19.23	19.08	5	20
		25	25	18.90	19.09	18.86	5	20
		50	0	19.18	19.28	19.07	5	20
BW	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5M	QPSK	1	0	23.96	24.13	23.98	0	25
		1	12	24.19	**24.20**	24.13	0	25
		1	24	23.78	23.87	23.75	0	25
		12	0	22.96	23.04	22.96	1	24
		12	6	23.07	23.12	23.25	1	24
		12	13	22.95	23.02	23.13	1	24
		25	0	22.91	23.02	23.07	1	24
	16QAM	1	0	23.58	23.49	23.47	1	24
		1	12	23.48	23.46	23.44	1	24
		1	24	23.49	23.38	23.28	1	24
		12	0	22.03	22.05	22.05	2	23
		12	6	22.16	22.09	22.22	2	23
		12	13	21.77	22.04	22.07	2	23
		25	0	22.08	22.00	21.97	2	23
	64QAM	1	0	22.21	22.10	22.12	2	23
		1	12	22.20	22.28	21.94	2	23
		1	24	22.16	22.25	21.99	2	23
		12	0	20.85	21.09	20.93	3	22
		12	6	20.94	21.28	21.00	3	22
		12	13	21.01	21.03	20.80	3	22
		25	0	21.14	21.16	20.92	3	22
	256QAM	1	0	18.94	19.09	18.95	5	20
		1	12	19.10	19.12	19.18	5	20
		1	24	19.02	19.24	19.03	5	20
		12	0	18.82	19.01	18.91	5	20
		12	6	18.90	19.15	18.97	5	20
		12	13	18.86	19.05	18.72	5	20
		25	0	19.13	19.27	18.96	5	20
BW	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3M	QPSK	1	0	23.93	24.06	23.97	0	25
		1	7	**24.22**	24.20	24.04	0	25
		1	14	23.74	23.81	23.69	0	25
		8	0	23.05	23.10	23.01	1	24
		8	3	23.10	23.21	23.24	1	24
		8	7	22.93	23.00	23.16	1	24
		15	0	22.93	23.00	23.08	1	24
	16QAM	1	0	23.57	23.44	23.50	1	24
		1	7	23.41	23.56	23.38	1	24
		1	14	23.45	23.33	23.28	1	24
		8	0	22.15	22.08	22.10	2	23
		8	3	22.23	22.18	22.35	2	23
		8	7	21.81	22.05	22.10	2	23
		15	0	22.01	21.98	22.00	2	23
	64QAM	1	0	22.19	22.17	22.05	2	23
		1	7	22.28	22.23	22.08	2	23
		1	14	22.09	22.27	22.01	2	23
		8	0	20.81	21.02	21.02	3	22
		8	3	20.96	21.29	21.05	3	22
		8	7	20.94	21.06	20.92	3	22
		15	0	21.16	21.13	20.92	3	22
	256QAM	1	0	18.94	19.03	18.89	5	20
		1	7	19.18	19.11	19.18	5	20
		1	14	18.95	19.25	19.08	5	20
		8	0	18.88	19.14	18.91	5	20
		8	3	18.87	19.16	19.04	5	20
		8	7	18.81	18.96	18.81	5	20
		15	0	19.11	19.26	18.96	5	20
BW	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4M	QPSK	1	0	23.91	24.08	23.98	0	25
		1	2	24.08	**24.18**	24.06	0	25
		1	5	23.75	23.88	23.75	0	25
		3	0	23.83	23.83	23.90	0	25
		3	1	23.90	24.02	23.90	0	25
		3	3	23.70	23.90	23.80	0	25
		6	0	22.86	23.01	23.01	1	24
	16QAM	1	0	23.55	23.36	23.41	1	24
		1	2	23.42	23.45	23.47	1	24
		1	5	23.43	23.28	23.36	1	24
		3	0	22.92	22.95	22.78	1	24
		3	1	22.99	23.10	22.95	1	24
		3	3	22.77	22.86	22.95	1	24
		6	0	22.04	22.04	21.92	2	23
	64QAM	1	0	22.12	22.26	22.18	2	23
		1	2	22.20	22.20	22.07	2	23
		1	5	22.21	22.33	22.03	2	23
		3	0	21.57	21.82	21.69	2	23
		3	1	21.89	22.01	21.93	2	23
		3	3	21.80	21.79	21.71	2	23
		6	0	21.07	21.14	20.94	3	22
	256QAM	1	0	18.90	19.01	18.85	5	20
		1	2	19.18	19.01	19.06	5	20
		1	5	19.09	19.15	19.08	5	20
		3	0	18.81	19.00	18.98	5	20
		3	1	18.94	19.19	19.06	5	20
		3	3	18.79	19.06	18.94	5	20
		6	0	19.04	19.21	19.11	5	20

LTE Band 5_Ant1								
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20450	20525	20600		
		Frequency (MHz)		829	836.5	844		
10M	QPSK	1	0	24.50	24.28	24.32	0	25.5
		1	24	**24.52**	24.42	24.49	0	25.5
		1	49	24.48	24.28	24.33	0	25.5
		25	0	23.53	23.39	23.33	1	24.5
		25	12	23.49	23.53	23.49	1	24.5
		25	25	23.34	23.40	23.35	1	24.5
		50	0	23.53	23.42	23.45	1	24.5
	16QAM	1	0	23.58	23.68	23.45	1	24.5
		1	24	23.64	23.57	23.42	1	24.5
		1	49	23.62	23.54	23.42	1	24.5
		25	0	22.49	22.47	22.42	2	23.5
		25	12	22.57	22.57	22.46	2	23.5
		25	25	22.52	22.45	22.43	2	23.5
		50	0	22.51	22.39	22.48	2	23.5
	64QAM	1	0	22.58	22.53	22.61	2	23.5
		1	24	22.53	22.56	22.48	2	23.5
		1	49	22.46	22.37	22.56	2	23.5
		25	0	21.42	21.26	21.34	3	22.5
		25	12	21.45	21.50	21.36	3	22.5
		25	25	21.61	21.56	21.39	3	22.5
		50	0	21.47	21.46	21.54	3	22.5
	256QAM	1	0	19.35	19.27	19.35	5	20.5
		1	24	19.59	19.61	19.57	5	20.5
		1	49	19.38	19.35	19.33	5	20.5
		25	0	19.54	19.27	19.27	5	20.5
		25	12	19.47	19.41	19.44	5	20.5
		25	25	19.45	19.47	19.52	5	20.5
		50	0	19.56	19.38	19.49	5	20.5
BW	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5M	QPSK	1	0	24.45	24.19	24.24	0	25.5
		1	12	24.37	24.31	24.38	0	25.5
		1	24	**24.46**	24.16	24.28	0	25.5
		12	0	23.41	23.38	23.24	1	24.5
		12	6	23.46	23.45	23.45	1	24.5
		12	13	23.21	23.32	23.29	1	24.5
		25	0	23.39	23.38	23.44	1	24.5
	16QAM	1	0	23.56	23.65	23.44	1	24.5
		1	12	23.53	23.54	23.39	1	24.5
		1	24	23.51	23.53	23.39	1	24.5
		12	0	22.37	22.40	22.34	2	23.5
		12	6	22.52	22.56	22.34	2	23.5
		12	13	22.40	22.36	22.41	2	23.5
		25	0	22.46	22.29	22.45	2	23.5
	64QAM	1	0	22.52	22.42	22.60	2	23.5
		1	12	22.43	22.43	22.47	2	23.5
		1	24	22.31	22.23	22.42	2	23.5
		12	0	21.31	21.19	21.30	3	22.5
		12	6	21.35	21.44	21.28	3	22.5
		12	13	21.59	21.48	21.24	3	22.5
		25	0	21.38	21.43	21.46	3	22.5
	256QAM	1	0	19.30	19.26	19.31	5	20.5
		1	12	19.57	19.52	19.56	5	20.5
		1	24	19.29	19.23	19.32	5	20.5
		12	0	19.46	19.17	19.13	5	20.5
		12	6	19.33	19.39	19.30	5	20.5
		12	13	19.40	19.46	19.49	5	20.5
		25	0	19.54	19.28	19.44	5	20.5
BW	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3M	QPSK	1	0	24.43	24.26	24.20	0	25.5
		1	7	**24.50**	24.30	24.41	0	25.5
		1	14	24.45	24.22	24.27	0	25.5
		8	0	23.42	23.32	23.20	1	24.5
		8	3	23.39	23.46	23.34	1	24.5
		8	7	23.26	23.36	23.29	1	24.5
		15	0	23.38	23.29	23.31	1	24.5
	16QAM	1	0	23.56	23.60	23.36	1	24.5
		1	7	23.58	23.51	23.28	1	24.5
		1	14	23.59	23.46	23.28	1	24.5
		8	0	22.47	22.38	22.31	2	23.5
		8	3	22.51	22.49	22.35	2	23.5
		8	7	22.43	22.42	22.33	2	23.5
		15	0	22.43	22.24	22.37	2	23.5
	64QAM	1	0	22.56	22.48	22.56	2	23.5
		1	7	22.38	22.51	22.33	2	23.5
		1	14	22.35	22.34	22.50	2	23.5
		8	0	21.32	21.22	21.26	3	22.5
		8	3	21.38	21.47	21.33	3	22.5
		8	7	21.59	21.50	21.33	3	22.5
		15	0	21.35	21.36	21.41	3	22.5
	256QAM	1	0	19.34	19.19	19.30	5	20.5
		1	7	19.57	19.58	19.53	5	20.5
		1	14	19.33	19.27	19.27	5	20.5
		8	0	19.53	19.19	19.22	5	20.5
		8	3	19.42	19.31	19.35	5	20.5
		8	7	19.44	19.41	19.46	5	20.5
		15	0	19.44	19.23	19.47	5	20.5
BW	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4M	QPSK	1	0	24.39	24.19	24.30	0	25.5
		1	2	**24.47**	24.36	24.34	0	25.5
		1	5	24.47	24.26	24.18	0	25.5
		3	0	24.32	24.13	24.18	0	25.5
		3	1	24.22	24.19	24.15	0	25.5
		3	3	24.19	24.11	24.21	0	25.5
		6	0	23.35	23.36	23.39	1	24.5
	16QAM	1	0	23.54	23.50	23.33	1	24.5
		1	2	23.48	23.58	23.51	1	24.5
		1	5	23.55	23.62	23.35	1	24.5
		3	0	23.34	23.17	23.20	1	24.5
		3	1	23.42	23.23	23.25	1	24.5
		3	3	23.27	23.22	23.26	1	24.5
		6	0	22.55	22.33	22.42	2	23.5
	64QAM	1	0	22.48	22.52	22.59	2	23.5
		1	2	22.40	22.36	22.28	2	23.5
		1	5	22.47	22.33	22.58	2	23.5
		3	0	22.22	21.93	22.12	2	23.5
		3	1	22.23	22.21	22.23	2	23.5
		3	3	22.28	22.32	22.13	2	23.5
		6	0	21.41	21.51	21.43	3	22.5
	256QAM	1	0	19.25	19.02	19.18	5	20.5
		1	2	19.63	19.45	19.51	5	20.5
		1	5	19.40	19.27	19.14	5	20.5
		3	0	19.34	19.22	19.24	5	20.5
		3	1	19.46	19.35	19.29	5	20.5
		3	3	19.34	19.40	19.38	5	20.5
		6	0	19.47	19.32	19.34	5	20.5

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LTE Band 7_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		(dBm)
20M	QPSK	1	0	23.89	23.88	**24.06**	0	24.5
		1	50	23.92	23.85	23.71	0	24.5
		1	99	23.79	23.79	23.70	0	24.5
		50	0	22.95	22.86	23.00	1	23.5
		50	25	22.96	22.81	22.74	1	23.5
		50	50	22.91	22.83	22.59	1	23.5
		100	0	22.84	22.86	22.87	1	23.5
	16QAM	1	0	22.96	22.84	23.08	1	23.5
		1	50	22.84	22.76	22.92	1	23.5
		1	99	22.68	22.55	22.67	1	23.5
		50	0	21.88	21.95	22.00	2	22.5
		50	25	22.10	22.08	22.00	2	22.5
		50	50	21.89	21.93	22.03	2	22.5
		100	0	22.03	22.00	22.05	2	22.5
	64QAM	1	0	22.05	22.01	22.14	2	22.5
		1	50	21.98	22.08	22.01	2	22.5
		1	99	22.03	22.05	22.13	2	22.5
		50	0	21.08	21.02	21.07	3	21.5
		50	25	21.00	21.06	21.12	3	21.5
		50	50	20.96	20.94	21.03	3	21.5
		100	0	20.96	21.00	21.13	3	21.5
	256QAM	1	0	19.07	19.06	19.01	5	19.5
		1	50	19.12	19.02	19.13	5	19.5
		1	99	18.96	19.11	19.09	5	19.5
		50	0	19.05	19.02	19.07	5	19.5
		50	25	18.88	18.96	18.91	5	19.5
		50	50	18.70	18.83	18.87	5	19.5
		100	0	18.96	18.98	19.09	5	19.5

BW	Modulation	Channel		20825	21100	21375	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5		(dBm)
15M	QPSK	1	0	23.85	23.83	**23.91**	0	24.5
		1	37	23.77	23.81	23.67	0	24.5
		1	74	23.74	23.66	23.57	0	24.5
		36	0	22.87	22.73	22.88	1	23.5
		36	19	22.81	22.80	22.70	1	23.5
		36	39	22.84	22.75	22.53	1	23.5
		75	0	22.86	22.75	22.78	1	23.5
	16QAM	1	0	22.96	22.72	23.04	1	23.5
		1	37	22.82	22.75	22.86	1	23.5
		1	74	22.53	22.44	22.60	1	23.5
		36	0	21.79	21.89	21.85	2	22.5
		36	19	22.03	21.97	21.88	2	22.5
		36	39	21.88	21.89	21.97	2	22.5
		75	0	21.95	21.91	21.96	2	22.5
	64QAM	1	0	21.99	21.92	22.00	2	22.5
		1	37	21.91	22.07	21.93	2	22.5
		1	74	21.92	22.03	22.12	2	22.5
		36	0	21.03	20.87	21.04	3	21.5
		36	19	20.93	21.02	21.08	3	21.5
		36	39	20.82	20.86	21.00	3	21.5
		75	0	20.84	20.87	21.02	3	21.5
	256QAM	1	0	19.06	18.92	18.93	5	19.5
		1	37	19.06	18.88	19.07	5	19.5
		1	74	18.82	19.09	19.08	5	19.5
		36	0	18.93	18.94	19.00	5	19.5
		36	19	18.83	18.85	18.82	5	19.5
		36	39	18.71	18.74	18.73	5	19.5
		75	0	18.92	18.91	19.05	5	19.5

BW	Modulation	Channel		20800	21100	21400	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2503	2535	2565	(dB)	(dBm)
10M	QPSK	1	0	23.80	23.76	**24.01**	0	24.5
		1	24	23.80	23.74	23.65	0	24.5
		1	49	23.68	23.69	23.57	0	24.5
		25	0	22.81	22.85	22.97	1	23.5
		25	12	22.86	22.69	22.69	1	23.5
		25	25	22.82	22.74	22.51	1	23.5
		50	0	22.77	22.81	22.72	1	23.5
	16QAM	1	0	22.85	22.70	23.03	1	23.5
		1	24	22.70	22.62	22.78	1	23.5
		1	49	22.59	22.40	22.57	1	23.5
		25	0	21.79	21.93	21.95	2	22.5
		25	12	22.01	22.05	21.89	2	22.5
		25	25	21.88	21.80	21.92	2	22.5
		50	0	21.93	21.80	21.91	2	22.5
	64QAM	1	0	21.92	21.92	22.13	2	22.5
		1	24	21.94	21.96	21.99	2	22.5
		1	49	21.88	21.92	22.01	2	22.5
		25	0	21.03	20.92	20.99	3	21.5
		25	12	20.97	20.92	21.00	3	21.5
		25	25	20.89	20.83	20.93	3	21.5
		50	0	20.82	20.85	21.12	3	21.5
	256QAM	1	0	19.05	18.98	18.92	5	19.5
		1	24	19.06	19.01	19.11	5	19.5
		1	49	18.88	19.05	18.98	5	19.5
		25	0	18.98	18.92	18.96	5	19.5
		25	12	18.89	18.93	18.86	5	19.5
		25	25	18.66	18.80	18.78	5	19.5
		50	0	18.84	18.91	18.95	5	19.5

BW	Modulation	Channel		20775	21100	21425	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5	(dB)	(dBm)
5M	QPSK	1	0	23.80	23.84	**24.03**	0	24.5
		1	12	23.85	23.83	23.62	0	24.5
		1	24	23.74	23.77	23.56	0	24.5
		12	0	22.92	22.85	22.89	1	23.5
		12	6	22.89	22.69	22.69	1	23.5
		12	13	22.78	22.68	22.44	1	23.5
		25	0	22.88	22.75	22.83	1	23.5
	16QAM	1	0	22.84	22.72	22.93	1	23.5
		1	12	22.85	22.67	22.91	1	23.5
		1	24	22.59	22.49	22.61	1	23.5
		12	0	21.76	21.91	21.94	2	22.5
		12	6	21.97	21.94	21.96	2	22.5
		12	13	21.76	21.89	21.93	2	22.5
		25	0	22.00	21.88	22.03	2	22.5
		25	12	21.89	21.87	22.07	2	22.5
	64QAM	1	0	21.92	21.99	21.94	2	22.5
		1	12	21.96	22.00	22.09	2	22.5
		12	0	21.00	20.93	21.03	3	21.5
		12	6	20.92	20.92	21.03	3	21.5
		12	13	20.80	20.83	21.00	3	21.5
		25	0	20.82	20.85	21.08	3	21.5
	256QAM	1	0	18.92	19.01	18.91	5	19.5
		1	12	19.06	19.01	19.03	5	19.5
		1	24	18.98	19.00	18.97	5	19.5
		12	0	18.97	18.93	18.96	5	19.5
		12	6	18.82	18.91	18.78	5	19.5
		12	13	18.71	18.80	18.75	5	19.5
		25	0	18.92	18.88	19.07	5	19.5

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BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		(dBm)
20M	QPSK	1	0	24.44	**24.64**	24.42	0	25.5
		1	50	24.34	24.62	24.21	0	25.5
		1	99	24.34	24.53	24.17	0	25.5
		50	0	23.50	23.67	23.42	1	24.5
		50	25	23.42	23.56	23.37	1	24.5
		50	50	23.43	23.51	23.03	1	24.5
		100	0	23.46	23.61	23.34	1	24.5
	16QAM	1	0	23.75	23.76	23.58	1	24.5
		1	50	23.57	23.82	23.69	1	24.5
		1	99	23.36	23.56	23.44	1	24.5
		50	0	22.52	22.69	22.49	2	23.5
		50	25	22.39	22.52	22.26	2	23.5
		50	50	22.27	22.45	22.46	2	23.5
		100	0	22.41	22.53	22.48	2	23.5
	64QAM	1	0	22.52	22.71	22.55	2	23.5
		1	50	22.54	22.62	22.43	2	23.5
		1	99	22.42	22.41	22.26	2	23.5
		50	0	21.47	21.60	21.70	3	22.5
		50	25	21.27	21.54	21.59	3	22.5
		50	50	21.24	21.40	21.53	3	22.5
		100	0	21.37	21.60	21.29	3	22.5
	256QAM	1	0	19.50	19.61	19.53	5	20.5
		1	50	19.39	19.58	19.31	5	20.5
		1	99	19.04	19.37	19.09	5	20.5
		50	0	19.43	19.70	19.75	5	20.5
		50	25	19.36	19.52	19.46	5	20.5
		50	50	19.34	19.48	19.75	5	20.5
		100	0	19.26	19.43	19.35	5	20.5

BW	Modulation	Channel		20825	21100	21375	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5	(dB)	(dBm)
15M	QPSK	1	0	24.43	24.50	24.38	0	25.5
		1	37	24.25	**24.54**	24.11	0	25.5
		1	74	24.29	24.43	24.16	0	25.5
		36	0	23.49	23.60	23.39	1	24.5
		36	19	23.37	23.50	23.22	1	24.5
		36	39	23.28	23.46	22.89	1	24.5
		75	0	23.36	23.58	23.33	1	24.5
	16QAM	1	0	23.64	23.72	23.43	1	24.5
		1	37	23.50	23.67	23.63	1	24.5
		1	74	23.22	23.54	23.37	1	24.5
		36	0	22.41	22.68	22.43	2	23.5
		36	19	22.25	22.37	22.25	2	23.5
		36	39	22.17	22.36	22.35	2	23.5
		75	0	22.38	22.46	22.43	2	23.5
	64QAM	1	0	22.42	22.56	22.54	2	23.5
		1	37	22.53	22.57	22.42	2	23.5
		1	74	22.36	22.37	22.23	2	23.5
		36	0	21.36	21.50	21.69	3	22.5
		36	19	21.18	21.40	21.47	3	22.5
		36	39	21.21	21.34	21.38	3	22.5
		75	0	21.29	21.35	21.27	3	22.5
	256QAM	1	0	19.42	19.59	19.38	5	20.5
		1	37	19.36	19.51	19.22	5	20.5
		1	74	19.00	19.28	19.01	5	20.5
		36	0	19.31	19.58	19.62	5	20.5
		36	19	19.34	19.42	19.62	5	20.5
		36	39	19.23	19.44	19.70	5	20.5
		75	0	19.11	19.38	19.29	5	20.5

BW	Modulation	Channel		20800	21100	21400	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2505	2535	2565	(dB)	(dBm)
10M	QPSK	1	0	24.41	**24.61**	24.34	0	25.5
		1	24	24.31	24.57	24.16	0	25.5
		1	49	24.26	24.39	24.13	0	25.5
		25	0	23.40	23.64	23.39	1	24.5
		25	12	23.30	23.56	23.24	1	24.5
		25	25	23.40	23.40	22.99	1	24.3
		50	0	23.36	23.46	23.32	1	24.5
	16QAM	1	0	23.74	23.85	23.57	1	24.5
		1	24	23.56	23.70	23.67	1	24.5
		1	49	23.20	23.44	23.32	1	24.5
		25	0	22.47	22.62	22.40	2	23.5
		25	12	22.24	22.43	22.18	2	23.5
		25	25	22.14	22.36	22.42	2	23.5
		50	0	22.36	22.39	22.34	2	23.5
	64QAM	1	0	22.38	22.57	22.51	2	23.5
		1	24	22.41	22.60	22.38	2	23.5
		1	49	22.29	22.27	22.25	2	23.5
		25	0	21.36	21.53	21.56	3	22.5
		25	12	21.22	21.40	21.33	3	22.5
		25	25	21.13	21.33	21.38	3	22.5
		50	0	21.22	21.49	21.17	3	22.5
	256QAM	1	0	19.39	19.50	19.39	5	20.5
		1	24	19.35	19.52	19.23	5	20.5
		1	49	19.02	19.26	19.03	5	20.5
		25	0	19.28	19.58	19.65	5	20.5
		25	12	19.28	19.48	19.57	5	20.5
		25	25	19.24	19.40	19.67	5	20.5
		50	0	19.24	19.39	19.31	5	20.5

BW	Modulation	Channel		20775	21100	21425	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5	(dB)	(dBm)
5M	QPSK	1	0	24.31	24.53	24.38	0	25.5
		1	12	24.30	**24.52**	24.15	0	25.5
		1	24	24.27	24.49	24.12	0	25.5
		12	0	23.44	23.59	23.29	1	24.5
		12	6	23.36	23.47	23.35	1	24.5
		12	13	23.26	23.37	23.03	1	24.5
		25	0	23.43	23.49	23.29	1	24.3
	16QAM	1	0	23.66	23.85	23.51	1	24.5
		1	12	23.60	23.82	23.69	1	24.5
		1	24	23.29	23.54	23.36	1	24.5
		12	0	22.43	22.65	22.47	2	23.5
		12	6	22.23	22.45	22.40	2	23.5
		12	13	22.21	22.37	22.31	2	23.5
		25	0	22.33	22.48	22.42	2	23.5
		25	12	22.43	22.61	22.47	2	23.5
	64QAM	1	0	22.51	22.57	22.31	2	23.5
		1	12	22.54	22.61	22.38	2	23.5
		12	0	21.37	21.52	21.69	3	22.5
		12	6	21.15	21.51	21.53	3	22.5
		12	13	21.17	21.25	21.50	3	22.5
		25	0	21.30	21.58	21.28	3	22.5
	256QAM	1	0	19.38	19.54	19.41	5	20.5
		1	12	19.38	19.56	19.29	5	20.5
		1	24	19.06	19.30	19.03	5	20.5
		12	0	19.29	19.58	19.70	5	20.5
		12	6	19.34	19.49	19.62	5	20.5
		12	13	19.25	19.36	19.69	5	20.5
		25	0	19.19	19.35	19.32	5	20.5

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BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		(dBm)
20M	QPSK	1	0	23.60	23.83	23.78	0	25.5
		1	50	23.82	**23.96**	23.88	0	25.5
		1	99	23.77	23.82	23.67	0	25.5
		50	0	22.92	22.99	22.87	1	24.5
		50	25	22.96	22.82	22.82	1	24.5
		50	50	22.66	22.76	22.70	1	24.5
		100	0	22.77	22.75	22.82	1	24.5
	16QAM	1	0	23.02	22.94	22.97	1	24.5
		1	50	23.05	23.08	22.94	1	24.5
		1	99	23.09	22.97	22.93	1	24.5
		50	0	21.97	21.85	21.89	2	23.5
		50	25	21.74	21.89	21.89	2	23.5
		50	50	21.73	21.87	21.71	2	23.5
		100	0	21.64	21.84	21.82	2	23.5
	64QAM	1	0	22.01	22.20	21.94	2	23.5
		1	50	21.73	22.04	21.83	2	23.5
		1	99	21.64	21.81	21.80	2	23.5
		50	0	20.87	20.94	20.98	3	22.5
		50	25	20.81	20.91	20.90	3	22.5
		50	50	20.62	20.72	20.77	3	22.5
		100	0	20.93	20.85	20.78	3	22.5
	256QAM	1	0	19.03	18.99	18.85	5	20.5
		1	50	19.11	19.09	18.92	5	20.5
		1	99	18.82	18.79	18.67	5	20.5
		50	0	18.95	18.85	18.93	5	20.5
		50	25	18.79	18.79	18.86	5	20.5
		50	50	18.77	18.84	18.61	5	20.5
		100	0	18.74	19.00	18.94	5	20.5

BW	Modulation	Channel		20825	21100	21375	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2507.5	2535	2562.5	(dB)	(dBm)
15M	QPSK	1	0	23.68	23.78	23.76	0	25.5
		1	37	23.76	**23.82**	23.76	0	25.5
		1	74	23.71	23.72	23.65	0	25.5
		36	0	22.77	22.73	22.77	1	24.5
		36	19	22.95	22.72	22.75	1	24.5
		36	39	22.62	22.73	22.63	1	24.5
		75	0	22.70	22.65	22.79	1	24.5
	16QAM	1	0	22.99	22.84	22.95	1	24.5
		1	37	23.00	22.94	22.86	1	24.5
		1	74	23.06	22.96	22.80	1	24.5
		36	0	21.83	21.71	21.75	2	23.5
		36	19	21.60	21.69	21.71	2	23.5
		36	39	21.62	21.78	21.64	2	23.5
		75	0	21.58	21.70	21.61	2	23.5
	64QAM	1	0	21.68	22.09	21.79	2	23.5
		1	37	21.62	22.00	21.75	2	23.5
		1	74	21.83	21.73	21.82	2	23.5
		36	0	20.75	20.87	20.96	3	22.5
		36	19	20.68	20.89	20.82	3	22.5
		36	39	20.51	20.64	20.64	3	22.5
		75	0	20.85	20.80	20.97	3	22.5
	256QAM	1	0	18.89	18.97	18.81	5	20.5
		1	37	19.04	18.99	18.80	5	20.5
		1	74	18.76	18.76	18.60	5	20.5
		36	0	18.84	18.73	18.91	5	20.5
		36	19	18.65	18.66	18.91	5	20.5
		36	39	18.72	18.75	18.55	5	20.5
		75	0	18.69	18.85	18.58	5	20.5

BW	Modulation	Channel		20800	21100	21400	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2505	2535	2565	(dB)	(dBm)
10M	QPSK	1	0	23.56	23.79	23.63	0	25.5
		1	24	23.78	**23.87**	23.79	0	25.5
		1	49	23.62	23.67	23.52	0	25.5
		25	0	22.82	22.97	22.70	1	24.5
		25	12	22.84	22.91	22.70	1	24.5
		25	25	22.53	22.72	22.66	1	24.5
	16QAM	1	0	22.62	22.64	22.81	1	24.5
		1	24	22.66	22.90	22.94	1	24.5
		1	49	22.95	22.96	22.88	1	24.5
		25	0	21.91	21.79	21.85	2	23.5
		25	12	21.72	21.73	21.62	2	23.5
		25	25	21.70	21.76	21.56	2	23.5
		50	0	21.83	21.72	21.75	2	23.5
	64QAM	1	0	21.89	22.15	21.82	2	23.5
		1	24	21.62	21.95	21.88	2	23.5
		1	49	21.74	21.79	21.72	2	23.5
		25	0	20.86	20.88	20.86	3	22.5
		25	12	20.78	20.91	20.85	3	22.5
		25	25	20.59	20.64	20.75	3	22.5
		50	0	20.83	20.79	20.83	3	22.5
	256QAM	1	0	19.02	18.92	18.74	5	20.5
		1	24	19.07	19.02	18.83	5	20.5
		1	49	18.79	18.75	18.64	5	20.5
		25	0	18.87	18.78	18.91	5	20.5
		25	12	18.66	18.64	18.83	5	20.5
		25	25	18.62	18.82	18.66	5	20.5
		50	0	18.82	18.76	18.87	5	20.5

BW	Modulation	Channel		20775	21100	21425	3GPP MPR	Max. Tune-up
		Frequency (MHz)		2502.5	2535	2567.5	(dB)	(dBm)
5M	QPSK	1	0	23.53	23.69	23.75	0	25.5
		1	12	23.71	**23.91**	23.73	0	25.5
		1	24	23.74	23.80	23.61	0	25.5
		12	0	22.81	22.86	22.83	1	24.5
		12	6	22.85	22.73	22.70	1	24.5
		12	13	22.63	22.72	22.59	1	24.5
		25	0	22.65	22.64	22.77	1	24.5
	16QAM	1	0	22.98	22.86	22.82	1	24.5
		1	12	23.00	22.90	22.80	1	24.5
		1	24	22.97	22.91	22.87	1	24.5
		12	0	21.87	21.71	21.75	2	23.5
		12	6	21.65	21.72	21.73	2	23.5
		12	13	21.71	21.74	21.67	2	23.5
		25	0	21.62	21.79	21.57	2	23.5
	64QAM	1	0	21.94	22.08	21.98	2	23.5
		1	12	21.64	21.91	21.72	2	23.5
		1	24	21.79	21.93	21.77	2	23.5
		12	0	20.84	20.86	20.97	3	22.5
		12	6	20.77	20.83	20.86	3	22.5
		12	13	20.52	20.61	20.72	3	22.5
		25	0	20.80	20.78	20.76	3	22.5
	256QAM	1	0	18.91	18.97	18.80	5	20.5
		1	12	19.05	18.97	18.89	5	20.5
		1	24	18.68	18.74	18.53	5	20.5
		12	0	18.80	18.70	18.78	5	20.5
		12	6	18.65	18.77	18.78	5	20.5
		12	13	18.70	18.82	18.55	5	20.5
		25	0	18.67	18.93	18.53	5	20.5

LTE Band 7_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR	Max. Tune-up
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		(dBm)
20M	QPSK	1	0	23.74	23.71	23.88	0	25.5
		1	50	24.01	**24.07**	23.97	0	25.5
		1	99	23.88	23.81	23.80	0	25.5
		50	0	22.82	22.94	22.88	1	24.5
		50	25	22.69	22.74	22.91	1	24.5
		50	50	22.77	22.69	22.61	1	24.5
		100	0	22.77	22.90	22.69	1	24.5
	16QAM	1	0	23.06	23.30	23.10	1	24.5
		1	50	23.09	23.09	22.95	1	24.5
		1	99	23.12	23.45	23.17	1	24.5
		50	0	21.76	21.83	21.83	2	23.5
		50	25	21.66	21.89	22.04	2	23.5
		50	50	21.64	21.90	21.80	2	23.5
		100	0	21.64	21.79	21.67	2	23.5
	64QAM	1	0	21.99	21.96	21.87	2	23.5
		1	50	21.95	22.19	22.02	2	23.5
		1	99	21.75	22.02	21.76	2	23.5
		50	0	21.38	21.46	21.12	3

CE LTE_Default

LTE Band 38_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37850	38000	38150		
		Frequency (MHz)		2585	2684	2615		
20M	QPSK	1	0	23.70	**23.75**	23.62	0	24.5
		1	50	23.52	23.52	23.46	0	24.5
		1	99	23.46	23.45	23.22	0	24.5
		50	0	22.78	22.76	22.72	1	23.5
		50	25	22.53	22.70	22.66	1	23.5
		50	50	22.55	22.73	22.72	1	23.5
		100	0	22.69	22.64	22.51	1	23.5
	16QAM	1	0	22.53	22.37	22.38	1	23.5
		1	50	22.65	22.46	22.51	1	23.5
		1	99	22.52	22.42	22.43	1	23.5
		50	0	21.79	21.70	21.61	2	22.5
		50	25	21.67	21.89	21.56	2	22.5
		50	50	21.62	21.64	21.48	2	22.5
		100	0	21.72	21.59	21.68	2	22.5
	64QAM	1	0	21.56	21.75	21.93	2	22.5
		1	50	21.80	21.68	21.68	2	22.5
		1	99	21.59	21.43	21.42	2	22.5
		50	0	20.75	20.63	20.72	3	21.5
		50	25	20.79	20.74	20.76	3	21.5
		50	50	20.73	20.68	20.61	3	21.5
		100	0	20.68	20.73	20.55	3	21.5
	256QAM	1	0	18.75	18.67	18.64	5	19.5
		1	50	18.77	18.67	18.70	5	19.5
		1	99	18.46	18.38	18.29	5	19.5
		50	0	18.74	18.63	18.73	5	19.5
		50	25	18.73	18.62	18.66	5	19.5
		50	50	18.73	18.73	18.50	5	19.5
		100	0	18.63	18.61	18.62	5	19.5

BW	Modulation	Channel		37825	38000	38175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5		
15M	QPSK	1	0	**23.65**	23.64	23.48	0	24.5
		1	37	23.51	23.47	23.38	0	24.5
		1	74	23.31	23.37	23.10	0	24.5
		36	0	22.63	22.66	22.64	1	23.5
		36	19	22.44	22.59	22.55	1	23.5
		36	39	22.41	22.69	22.60	1	23.5
		75	0	22.47	22.59	22.39	1	23.5
	16QAM	1	0	22.49	22.30	22.31	1	23.5
		1	37	22.65	22.44	22.40	1	23.5
		1	74	22.44	22.37	22.40	1	23.5
		36	0	21.70	21.56	21.56	2	22.5
		36	19	21.63	21.54	21.42	2	22.5
		36	39	21.54	21.63	21.33	2	22.5
		75	0	21.68	21.56	21.54	2	22.5
	64QAM	1	0	21.63	21.60	21.64	2	22.5
		1	37	21.76	21.65	21.61	2	22.5
		1	74	21.48	21.32	21.30	2	22.5
		36	0	20.70	20.48	20.62	3	21.5
		36	19	20.67	20.71	20.74	3	21.5
		36	39	20.61	20.53	20.59	3	21.5
		75	0	20.62	20.59	20.46	3	21.5
	256QAM	1	0	18.68	18.52	18.62	5	19.5
		1	37	18.71	18.54	18.68	5	19.5
		1	74	18.38	18.35	18.14	5	19.5
		36	0	18.63	18.51	18.64	5	19.5
		36	19	18.59	18.60	18.65	5	19.5
		36	39	18.70	18.53	18.45	5	19.5
		75	0	18.54	18.56	18.52	5	19.5

BW	Modulation	Channel		37600	38000	38400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2573	2595	2615		
10M	QPSK	1	0	23.61	**23.64**	23.49	0	24.5
		1	24	23.46	23.58	23.35	0	24.5
		1	49	23.39	23.43	23.09	0	24.5
		25	0	22.69	22.68	22.66	1	23.5
		25	12	22.51	22.58	22.52	1	23.5
		25	25	22.47	22.61	22.69	1	23.5
		50	0	22.47	22.52	22.43	1	23.5
	16QAM	1	0	22.45	22.36	22.37	1	23.5
		1	24	22.52	22.44	22.38	1	23.5
		1	49	22.41	22.32	22.31	1	23.5
		25	0	21.68	21.63	21.56	2	22.5
		25	12	21.66	21.58	21.43	2	22.5
		25	25	21.50	21.49	21.36	2	22.5
		50	0	21.69	21.57	21.66	2	22.5
	64QAM	1	0	21.93	21.68	21.85	2	22.5
		1	24	21.71	21.64	21.54	2	22.5
		1	49	21.57	21.32	21.32	2	22.5
		25	0	20.69	20.53	20.58	3	21.5
		25	12	20.70	20.64	20.63	3	21.5
		25	25	20.79	20.62	20.60	3	21.5
		50	0	20.57	20.64	20.47	3	21.5
	256QAM	1	0	18.66	18.64	18.52	5	19.5
		1	24	18.73	18.54	18.63	5	19.5
		1	49	18.32	18.34	18.22	5	19.5
		25	0	18.63	18.48	18.65	5	19.5
		25	12	18.68	18.53	18.51	5	19.5
		25	25	18.72	18.69	18.48	5	19.5
		50	0	18.57	18.56	18.57	5	19.5

BW	Modulation	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5		
5M	QPSK	1	0	23.61	**23.65**	23.54	0	24.5
		1	12	23.37	23.40	23.38	0	24.5
		1	24	23.40	23.50	23.16	0	24.5
		12	0	22.70	22.68	22.70	1	23.5
		12	6	22.54	22.66	22.59	1	23.5
		12	13	22.52	22.62	22.60	1	23.5
		25	0	22.49	22.52	22.38	1	23.5
	16QAM	1	0	22.49	22.33	22.29	1	23.5
		1	12	22.62	22.35	22.39	1	23.5
		1	24	22.48	22.31	22.31	1	23.5
		12	0	21.67	21.68	21.49	2	22.5
		12	6	21.52	21.59	21.52	2	22.5
		12	13	21.48	21.61	21.37	2	22.5
		25	0	21.66	21.49	21.59	2	22.5
		1	0	21.91	21.73	21.86	2	22.5
		1	12	21.73	21.64	21.61	2	22.5
		1	24	21.46	21.39	21.30	2	22.5
	64QAM	12	0	20.63	20.48	20.68	3	21.5
		12	6	20.69	20.65	20.65	3	21.5
		12	13	20.62	20.61	20.50	3	21.5
		25	0	20.69	20.69	20.47	3	21.5
	256QAM	1	0	18.69	18.52	18.49	5	19.5
		1	12	18.68	18.56	18.62	5	19.5
		1	24	18.35	18.33	18.21	5	19.5
		12	0	18.66	18.50	18.62	5	19.5
		12	6	18.59	18.47	18.54	5	19.5
		12	13	18.66	18.63	18.42	5	19.5
		25	0	18.49	18.49	18.54	5	19.5

LTE Band 38_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37850	38000	38150		
		Frequency (MHz)		2585	2684	2615		
20M	QPSK	1	0	24.35	24.49	24.51	0	25.5
		1	50	24.43	**24.51**	24.53	0	25.5
		1	99	24.37	24.57	24.55	0	25.5
		50	0	23.39	23.62	23.53	1	24.5
		50	25	23.53	23.55	23.44	1	24.5
		50	50	23.45	23.57	23.33	1	24.5
		100	0	23.46	23.49	23.49	1	24.5
	16QAM	1	0	23.59	23.54	23.35	1	24.5
		1	50	23.58	23.53	23.65	1	24.5
		1	99	23.24	23.42	23.39	1	24.5
		50	0	22.60	22.56	22.57	2	23.5
		50	25	22.62	22.56	22.52	2	23.5
		50	50	22.38	22.46	22.47	2	23.5
		100	0	22.59	22.42	22.55	2	23.5
	64QAM	1	0	22.64	22.62	22.68	2	23.5
		1	50	22.63	22.55	22.72	2	23.5
		1	99	22.45	22.60	22.49	2	23.5
		50	0	21.53	21.45	21.63	3	22.5
		50	25	21.60	21.54	21.65	3	22.5
		50	50	21.44	21.54	21.59	3	22.5
		100	0	21.54	21.30	21.54	3	22.5
	256QAM	1	0	19.52	19.47	19.51	5	20.5
		1	50	19.51	19.45	19.53	5	20.5
		1	99	19.29	19.21	19.32	5	20.5
		50	0	19.52	19.58	19.63	5	20.5
		50	25	19.42	19.53	19.60	5	20.5
		50	50	19.45	19.61	19.55	5	20.5
		100	0	19.40	19.46	19.57	5	20.5

BW	Modulation	Channel		37825	38000	38175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5		
15M	QPSK	1	0	24.32	24.40	**24.49**	0	25.5
		1	37	24.29	24.48	24.44	0	25.5
		1	74	24.27	24.47	24.41	0	25.5
		36	0	23.28	23.57	23.50	1	24.5
		36	19	23.46	23.52	23.32	1	24.5
		36	39	23.35	23.52	23.27	1	24.5
		75	0	23.31	23.43	23.34	1	24.5
	16QAM	1	0	23.47	23.47	23.41	1	24.5
		1	37	23.47	23.49	23.60	1	24.5
		1	74	23.15	23.36	23.29	1	24.5
		36	0	22.46	22.47	22.47	2	23.5
		36	19	22.38	22.48	22.37	2	23.5
		36	39	22.30	22.34	22.44	2	23.5
		75	0	22.37	22.41	22.54	2	23.5
	64QAM	1	0	22.50	22.56	22.56	2	23.5
		1	37	22.51	22.45	22.59	2	23.5
		1	74	22.37	22.48	22.46	2	23.5
		36	0	21.42	21.44	21.62	3	22.5
		36	19	21.54	21.43	21.63	3	22.5
		36	39	21.42	21.40	21.37	3	22.5
		75	0	21.50	21.28	21.42	3	22.5
	256QAM	1	0	19.48	19.37	19.45	5	20.5
		1	37	19.41	19.36	19.39	5	20.5
		1	74	19.27	19.14	19.30	5	20.5
		36	0	19.40	19.51	19.61	5	20.5
		36	19	19.36	19.40	19.55	5	20.5
		36	39	19.33	19.60	19.41	5	20.5
		75	0	19.39	19.47	19.45	5	20.5

BW	Modulation	Channel		37600	38000	38400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2573	2595	2615		
10M	QPSK	1	0	24.26	24.36	24.43	0	25.5
		1	24	24.29	**24.52**	24.46	0	25.5
		1	49	24.26	24.52	24.41	0	25.5
		25	0	23.29	23.47	23.51	1	24.5
		25	12	23.41	23.47	23.32	1	24.5
		25	25	23.33	23.55	23.26	1	24.5
		50	0	23.36	23.41	23.46	1	24.5
	16QAM	1	0	23.55	23.35	23.43	1	24.5
		1	24	23.43	23.36	23.56	1	24.5
		1	49	23.13	23.39	23.25	1	24.5
		25	0	22.47	22.48	22.46	2	23.5
		25	12	22.32	22.51	22.46	2	23.5
		25	25	22.35	22.37	22.38	2	23.5
		50	0	22.38	22.27	22.43	2	23.5
	64QAM	1	0	22.56	22.52	22.67	2	23.5
		1	24	22.56	22.40	22.69	2	23.5
		1	49	22.38	22.37	22.40	2	23.5
		25	0	21.48	21.41	21.49	3	22.5
		25	12	21.47	21.49	21.49	3	22.5
		25	25	21.33	21.53	21.54	3	22.5
		50	0	21.49	21.27	21.47	3	22.5
	256QAM	1	0	19.50	19.40	19.49	5	20.5
		1	24	19.46	19.44	19.39	5	20.5
		1	49	19.24	19.15	19.24	5	20.5
		25	0	19.41	19.55	19.61	5	20.5
		25	12	19.27	19.45	19.55	5	20.5
		25	25	19.44	19.54	19.43	5	20.5
		50	0	19.37	19.39	19.36	5	20.5

BW	Modulation	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5		
5M	QPSK	1	0	24.34	24.68	24.54	0	25.5
		1	12	24.37	**24.52**	24.44	0	25.5
		1	24	24.22	24.51	**24.52**	0	25.5
		12	0	23.27	23.50	23.51	1	24.5
		12	6	23.38	23.50	23.37	1	24.5
		12	13	23.36	23.46	23.41	1	24.5
		25	0	23.34	23.49	23.41	1	24.3
	16QAM	1	0	23.49	23.52	23.53	1	24.5
		1	12	23.40	23.46	23.57	1	24.5
		1	24	23.17	23.49	23.32	1	24.5
		12	0	22.54	22.49	22.46	2	23.5
		12	6	22.37	22.50	22.45	2	23.5
		12	13	22.36	22.41	22.45	2	23.5
		25	0	22.24	22.40	22.45	2	23.5
	64QAM	1	0	22.52	22.56	22.39	2	23.5
		1	12	22.52	22.54	22.62	2	23.5
		1	24	22.49	22.33	22.48	2	23.5
		12	0	21.44	21.34	21.62	3	22.5
		12	6	21.52	21.41	21.30	3	22.5
		12	13	21.36	21.51	21.47	3	22.5
		25	0	21.50	21.24	21.53	3	22.5
	256QAM	1	0	19.43	19.38	19.45	5	20.5
		1	12	19.45	19.42	19.46	5	20.5
		1	24	19.25	19.15	19.27	5	20.5
		12	0	19.42	19.57	19.51	5	20.5
		12	6	19.40	19.38	19.56	5	20.5
		12	13	19.37	19.51	19.47	5	20.5
		25	0	19.28	19.39	19.48	5	20.5

LTE Band 38_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37600	38000	38150		
		Frequency (MHz)		2569	2596	2615		
20M	QPSK	1	0	**24.74**	24.88	24.65	0	25.5
		1	50	24.71	24.72	24.66	0	25.5
		1	99	24.48	24.80	24.54	0	25.5
		50	0	23.74	23.76	23.74	1	24.5
		50	25	23.66	23.84	23.73	1	24.5
		50	50	23.68	23.74	23.50	1	24.5
		100	0	23.74	23.66	23.65	1	24.5
	16QAM	1	0	23.69	23.76	23.75	1	24.5
		1	50	23.65	23.74	23.90	1	24.5
		1	99	23.49	23.67	23.44	1	24.5
		50	0	22.74	22.72	22.73	2	23.5
		50	25	22.75	22.69	22.52	2	23.5
		50	50	22.73	22.80	22.64	2	23.5
		100	0	22.63	22.79	22.65	2	23.5
	64QAM	1	0	22.87	22.97	22.78	2	23.5
		1	50	22.77	22.82	22.77	2	23.5
		1	99	22.61	22.65	22.75	2	23.5
		50	0	21.72	21.86	21.86	3	22.5
		50	25	21.77	21.72	21.62	3	22.5
		50	50	21.66	21.80	21.64	3	22.5
		100	0	21.58	21.69	21.58	3	22.5
	256QAM	1	0	19.58	19.78	19.59	5	20.5
		1	50	19.70	19.72	19.66	5	20.5
		1	99	19.29	19.60	19.46	5	20.5
		50	0	19.68	19.73	19.60	5	20.5
		50	25	19.72	19.80	19.58	5	20.5
		50	50	19.52	19.68	19.63	5	20.5
		100	0	19.61	19.80	19.65	5	20.5

BW	Modulation	Channel		37825	38000	38175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2596	2612.5		
15M	QPSK	1	0	**24.65**	24.61	24.59	0	25.5
		1	37	24.61	24.64	24.61	0	25.5
		1	74	24.46	24.50	24.53	0	25.5
		36	0	23.59	23.71	23.72	1	24.5
		36	19	23.56	23.71	23.72	1	24.5
		36	39	23.67	23.59	23.52	1	24.5
		75	0	23.70	23.56	23.61	1	24.5
	16QAM	1	0	23.60	23.64	23.62	1	24.5
		1	37	23.64	23.62	23.51	1	24.5
		1	74	23.41	23.53	23.43	1	24.5
		36	0	22.59	22.59	22.65	2	23.5
		36	19	22.65	22.68	22.64	2	23.5
		36	39	22.56	22.57	22.54	2	23.5
		75	0	22.49	22.75	22.53	2	23.5
	64QAM	1	0	22.81	22.86	22.94	2	23.5
		1	37	22.65	22.71	22.73	2	23.5
		1	74	22.53	22.59	22.63	2	23.5
		36	0	21.65	21.74	21.91	3	22.5
		36	19	21.62	21.62	21.48	3	22.5
		36	39	21.55	21.71	21.54	3	22.5
		75	0	21.45	21.57	21.46	3	22.5
	256QAM	1	0	19.45	19.74	19.49	5	20.5
		1	37	19.65	19.65	19.67	5	20.5
		1	74	19.47	19.49	19.33	5	20.5
		36	0	19.61	19.59	19.54	5	20.5
		36	19	19.56	19.76	19.44	5	20.5
		36	39	19.51	19.58	19.56	5	20.5
		75	0	19.56	19.68	19.60	5	20.5

BW	Modulation	Channel		37600	38000	38400	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2596	2615		
10M	QPSK	1	0	24.59	24.62	24.61	0	25.5
		1	24	24.57	**24.69**	24.61	0	25.5
		1	49	24.40	24.47	24.43	0	25.5
		25	0	23.64	23.65	23.66	1	24.5
		25	12	23.64	23.71	23.46	1	24.5
		25	25	23.64	23.60	23.43	1	24.5
		50	0	23.67	23.60	23.58	1	24.5
	16QAM	1	0	23.64	23.69	23.63	1	24.5
		1	24	23.59	23.62	23.59	1	24.5
		1	49	23.42	23.61	23.42	1	24.5
		25	0	22.64	22.58	22.66	2	23.5
		25	12	22.65	22.56	22.66	2	23.5
		25	25	22.69	22.78	22.56	2	23.5
		50	0	22.51	22.76	22.53	2	23.5
	64QAM	1	0	22.77	22.84	22.64	2	23.5
		1	24	22.66	22.79	22.67	2	23.5
		1	49	22.59	22.51	22.60	2	23.5
		25	0	21.60	21.85	21.51	3	22.5
		25	12	21.63	21.67	21.53	3	22.5
		25	25	21.60	21.68	21.58	3	22.5
		50	0	21.48	21.55	21.47	3	22.5
	256QAM	1	0	19.51	19.63	19.45	5	20.5
		1	24	19.68	19.70	19.61	5	20.5
		1	49	19.41	19.56	19.39	5	20.5
		25	0	19.53	19.70	19.46	5	20.5
		25	12	19.66	19.74	19.53	5	20.5
		25	25	19.46	19.59	19.61	5	20.5
		50	0	19.57	19.57	19.52	5	20.5

BW	Modulation	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2596	2617.5		
5M	QPSK	1	0	24.68	24.54	24.57	0	25.5
		1	12	**24.70**	24.65	24.56	0	25.5
		1	24	24.36	24.51	24.44	0	25.5
		12	0	23.73	23.61	23.61	1	24.5
		12	6	23.63	23.78	23.66	1	24.5
		12	13	23.64	23.71	23.46	1	24.5
		25	0	23.69	23.65	23.62	1	24.5
	16QAM	1	0	23.54	23.75	23.70	1	24.5
		1	12	23.54	23.64	23.52	1	24.5
		1	24	23.37	23.62	23.33	1	24.5
		12	0	22.59	22.58	22.71	2	23.5
		12	6	22.65	22.57	22.52	2	23.5
		12	13	22.64	22.69	22.55	2	23.5
		25	0	22.55	22.65	22.64	2	23.5
	64QAM	1	0	22.80	22.83	22.75	2	23.5
		1	12	22.67	22.74	22.67	2	23.5
		1	24	22.49	22.75	22.69	2	23.5
		12	0	21.69	21.78	21.63	3	22.5
		12	6	21.65	21.58	21.52	3	22.5
		12	13	21.56	21.73	21.53	3	22.5
		25	0	21.53	21.62	21.43	3	22.5
	256QAM	1	0	19.54	19.66	19.45	5	20.5
		1	12	19.56	19.58	19.54	5	20.5
		1	24	19.37	19.59	19.38	5	20.5
		12	0	19.55	19.59	19.47	5	20.5
		12	6	19.65	19.75	19.57	5	20.5
		12	13	19.41	19.67	19.55	5	20.5
		25	0	19.59	19.78	19.56	5	20.5

LTE Band 38_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37850	38000	38150		
		Frequency (MHz)		2585	2684	2615		
20M	QPSK	1	0	23.69	23.83	23.81	0	25.5
		1	50	23.70	23.78	**23.98**	0	25.5
		1	99	23.64	23.69	23.62	0	25.5
		50	0	22.74	22.72	23.01	1	24.5
		50	25	22.86	22.85	22.85	1	24.5
		50	50	22.69	22.87	22.89	1	24.5
		100	0	22.65	22.77	22.82	1	24.5
	16QAM	1	0	22.79	22.65	22.85	1	24.5
		1	50	22.63	22.88	22.95	1	24.5
		1	99	22.63	22.71	22.72	1	24.5
		50	0	21.64	21.99	21.92	2	23.5
		50	25	21.91	21.78	21.85	2	23.5
		50	50	21.86	21.76	21.94	2	23.5
		100	0	21.73	21.62	21.79	2	23.5
	64QAM	1	0	22.09	21.80	21.92	2	23.5
		1	50	21.88	21.87	21.95	2	23.5
		1	99	21.86

CE LTE_Default

LTE Band 41_Ant0

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	DSPR MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2544.5	2583	2620.5	2659		
20M	QPSK	1	0	**23.75**	23.72	23.79	23.61	23.25	0	24.5
		1	50	23.62	23.54	23.74	23.37	23.01	0	24.5
		1	99	23.27	23.34	23.38	23.05	23.23	0	24.5
		50	0	22.79	22.73	22.84	22.59	22.23	1	23.5
		50	25	22.82	22.71	22.75	22.62	22.27	1	23.5
		50	50	22.82	22.99	22.72	22.59	22.27	1	23.5
		100	0	22.81	22.71	22.79	22.61	22.26	1	23.5
	16QAM	1	0	22.84	22.64	22.65	22.13	22.22	1	23.5
		1	50	22.75	22.74	22.71	22.43	22.22	1	23.5
		1	99	22.55	22.23	22.45	22.09	22.19	1	23.5
		50	0	21.83	21.75	21.76	21.51	21.22	2	22.5
		50	25	21.73	21.61	21.75	21.56	21.09	2	22.5
		50	50	21.72	21.68	21.76	21.58	21.09	2	22.5
		100	0	21.83	21.72	21.80	21.26	21.59	2	22.5
	64QAM	1	0	21.80	21.74	21.79	21.11	21.32	2	22.5
		1	50	21.82	21.74	21.63	21.17	21.26	2	22.5
		1	99	21.60	21.60	21.63	21.13	21.20	2	22.5
		50	0	20.86	20.81	20.89	20.78	20.26	3	21.5
		50	25	20.74	20.79	20.72	20.55	20.39	3	21.5
		50	50	20.86	20.68	20.71	20.78	20.26	3	21.5
		100	0	20.72	20.55	20.71	20.59	20.29	3	21.5
	256QAM	1	0	19.82	19.41	19.76	19.20	19.34	3	19.5
		1	50	19.75	19.71	19.73	19.28	19.22	3	19.5
		1	99	19.53	19.31	19.41	19.17	19.29	3	19.5
		50	0	18.79	18.60	18.67	18.29	18.62	3	18.5
		50	25	18.85	18.83	18.82	18.77	18.56	3	18.5
		50	50	18.77	18.86	18.59	18.60	18.56	3	18.5
		100	0	18.79	18.86	18.72	18.62	18.58	3	18.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	DSPR MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2540.3	2583	2627.8	2663.5		
15M	QPSK	1	0	**23.73**	23.68	23.75	23.58	23.26	0	24.5
		1	37	23.58	23.64	23.68	23.61	23.19	0	24.5
		1	74	23.62	23.61	23.59	23.55	23.19	0	24.5
		36	0	22.72	22.71	22.82	22.69	22.35	1	23.5
		36	18	22.72	22.69	22.82	22.66	22.35	1	23.5
		36	39	22.72	22.66	22.68	22.59	22.35	1	23.5
		75	0	22.72	22.69	22.69	22.62	22.31	1	23.5
	16QAM	1	0	22.81	22.65	22.61	22.12	22.10	1	23.5
		1	37	22.72	22.60	22.63	22.26	22.20	1	23.5
		1	74	22.65	22.31	22.53	22.19	22.13	1	23.5
		36	0	21.77	21.66	21.66	21.45	21.22	2	22.5
		36	19	21.81	21.79	21.72	21.61	21.00	2	22.5
		36	39	21.80	21.68	21.76	21.64	21.27	2	22.5
		75	0	21.81	21.70	21.65	21.19	21.09	2	22.5
	64QAM	1	0	21.71	21.69	21.75	21.09	21.09	2	22.5
		1	37	21.79	21.69	21.73	21.21	21.09	2	22.5
		1	74	21.50	21.60	21.61	21.10	21.02	2	22.5
		36	0	20.83	20.79	20.87	20.76	20.35	3	21.5
		36	19	20.69	20.60	20.74	20.58	20.35	3	21.5
		36	39	20.53	20.47	20.69	20.39	20.21	3	21.5
		75	0	20.71	20.42	20.73	20.14	20.15	3	21.5
	256QAM	1	0	19.71	19.52	19.76	19.25	19.21	3	19.5
		1	37	19.70	19.66	19.68	19.32	19.38	3	19.5
		1	74	19.39	19.41	19.26	19.20	19.15	3	19.5
		36	0	18.88	18.55	18.61	18.29	18.32	3	18.5
		36	19	18.76	18.58	18.53	18.20	18.27	3	18.5
		36	39	18.71	18.35	18.48	18.22	18.12	3	18.5
		75	0	18.73	18.40	18.60	18.26	18.20	3	18.5

BW	Modulation	Channel		39700	40150	40620	41090	41540	DSPR MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2537	2580	2624	2659		
10M	QPSK	1	0	**23.77**	23.61	23.69	23.27	23.22	0	24.5
		1	24	23.51	23.46	23.60	23.54	23.18	0	24.5
		1	49	23.33	23.32	23.43	23.36	23.13	0	24.5
		25	0	22.66	22.58	22.69	22.54	22.31	1	23.5
		25	12	22.77	22.60	22.72	22.62	22.26	1	23.5
		25	25	22.74	22.61	22.65	22.51	22.28	1	23.5
		50	0	22.81	22.63	22.72	22.36	22.33	1	23.5
	16QAM	1	0	22.72	22.59	22.61	22.17	22.19	1	23.5
		1	24	22.74	22.62	22.59	22.52	22.23	1	23.5
		1	49	22.44	22.38	22.43	22.08	22.07	1	23.5
		25	0	21.77	21.62	21.75	21.59	21.29	2	22.5
		25	12	21.81	21.66	21.74	21.57	21.30	2	22.5
		25	25	21.83	21.66	21.72	21.66	21.29	2	22.5
		50	0	21.82	21.61	21.79	21.29	21.20	2	22.5
	64QAM	1	0	21.67	21.63	21.70	21.26	21.22	2	22.5
		1	24	21.72	21.60	21.77	21.26	21.09	2	22.5
		1	49	21.58	21.59	21.53	21.13	21.18	2	22.5
		25	0	20.79	20.77	20.84	20.72	20.30	3	21.5
		25	12	20.60	20.74	20.62	20.54	20.36	3	21.5
		25	25	20.62	20.47	20.62	20.74	20.25	3	21.5
		50	0	20.61	20.46	20.67	20.06	20.06	3	21.5
	256QAM	1	0	19.72	19.47	19.69	19.20	19.21	3	19.5
		1	24	19.69	19.64	19.66	19.22	19.50	3	19.5
		1	49	19.43	19.49	19.32	19.07	19.20	3	19.5
		25	0	18.65	18.52	18.60	18.21	18.37	3	18.5
		25	12	18.67	18.51	18.59	18.22	18.35	3	18.5
		25	25	18.68	18.38	18.54	18.23	18.13	3	18.5
		50	0	18.68	18.43	18.52	18.22	18.28	3	18.5

BW	Modulation	Channel		39675	40125	40620	41093	41565	DSPR MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2535.5	2583	2630.3	2667.5		
5M	QPSK	1	0	23.63	23.57	**23.88**	23.69	23.01	0	24.5
		1	12	23.57	23.49	23.63	23.59	23.19	0	24.5
		1	24	23.52	23.39	23.39	23.36	23.19	0	24.5
		12	0	22.74	22.61	22.73	22.51	22.06	1	23.5
		12	6	22.71	22.62	22.82	22.56	22.12	1	23.5
		12	13	22.73	22.56	22.59	22.56	22.35	1	23.5
	16QAM	1	0	22.73	22.61	22.59	22.49	22.07	1	23.5
		1	12	22.75	22.61	22.61	22.49	22.08	1	23.5
		1	24	22.46	22.28	22.54	22.09	22.09	1	23.5
		12	0	21.79	21.61	21.71	21.55	21.30	2	22.5
		12	6	21.69	21.73	21.64	21.52	21.28	2	22.5
		12	13	21.63	21.62	21.77	21.58	21.29	2	22.5
		25	0	21.69	21.66	21.67	21.22	21.24	2	22.5
	64QAM	1	0	21.73	21.72	21.72	21.18	21.22	2	22.5
		12	0	21.67	21.67	21.70	21.17	21.00	2	22.5
		12	6	21.53	21.63	21.62	21.26	21.13	2	22.5
		12	13	20.83	20.80	20.81	20.77	20.39	3	21.5
		12	6	20.78	20.77	20.77	20.64	20.34	3	21.5
		12	13	20.66	20.69	20.66	20.78	20.31	3	21.5
		25	0	20.66	20.61	20.63	20.56	20.16	3	21.5
	256QAM	1	0	19.74	19.49	19.72	19.26	19.25	3	19.5
		1	12	19.73	19.56	19.62	19.20	19.23	3	19.5
		1	24	19.53	19.43	19.46	19.25	19.21	3	19.5
		12	0	18.82	18.46	18.53	18.21	18.32	3	18.5
		12	6	18.77	18.47	18.54	18.21	18.31	3	18.5
		12	13	18.63	18.39	18.58	18.24	18.19	3	18.5
		25	0	18.74	18.39	18.68	18.37	18.30	3	18.5

LTE Band 41_Ant2

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	DSPR MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2544.5	2583	2621.5	2659		
20M	QPSK	1	0	**24.49**	24.51	24.49	24.33	24.45	0	25.5
		1	50	24.47	24.53	24.43	24.31	24.39	0	25.5
		1	99	24.41	24.43	24.43	24.42	24.30	0	25.5
		50	0	23.66	23.69	23.68	23.55	23.35	1	24.5
		50	25	23.72	23.65	23.68	23.58	23.65	1	24.5
		50	50	23.64	23.65	23.66	23.50	23.60	1	24.5
		100	0	23.71	23.53	23.60	23.49	23.47	1	24.5
	16QAM	1	0	23.70	23.67	23.68	23.45	23.39	1	24.5
		1	50	23.58	23.61	23.62	23.42	23.45	1	24.5
		1	99	23.58	23.51	23.51	23.22	23.27	1	24.5
		50	0	22.75	22.63	22.71	22.54	22.43	2	23.5
		50	25	22.69	22.54	22.69	22.24	22.45	2	23.5
		50	50	22.62	22.66	22.67	22.57	22.45	2	23.5
		100	0	22.73	22.60	22.69	22.17	22.35	2	23.5
	64QAM	1	0	22.73	22.52	22.62	22.38	22.38	2	23.5
		1	50	22.67	22.51	22.63	22.37	22.52	2	23.5
		1	99	22.52	22.34	22.62	22.23	22.25	2	23.5
		50	0	21.71	21.53	21.60	21.39	21.39	3	22.5
		50	25	21.80	21.69	21.70	21.64	21.53	3	22.5
		50	50	21.63	21.60	21.65	21.58	21.51	3	22.5
		100	0	21.78	21.54	21.65	21.39	21.49	3	22.5
	256QAM	1	0	20.90	20.77	20.84	20.72	20.30	4	21.5
		1	50	20.77	20.63	20.83	20.72	20.42	4	21.5
		1	99	20.69	20.61	20.69	20.63	20.42	4	21.5
		50	0	19.77	19.62	19.72	19.32	19.39	4	20.5
		50	25	19.85	19.78	19.82	19.77	19.55	4	20.5
		50	50	19.77	19.86	19.68	19.70	19.55	4	20.5
		100	0	19.78	19.86	19.72	19.62	19.58	4	20.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	DSPR MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2540.3	2583	2625.8	2663.5		
15M	QPSK	1	0	**24.49**	24.45	24.48	24.32	24.21	0	25.5
		1	37	24.52	24.49	24.30	24.40	24.45	0	25.5
		1	74	24.47	24.43	24.42	24.37	24.32	0	25.5
		36	0	23.66	23.61	23.62	23.54	23.36	1	24.5
		36	18	23.68	23.64	23.62	23.57	23.34	1	24.5
		36	39	23.51	23.49	23.49	23.53	23.37	1	24.5
		75	0	23.54	23.62	23.57	23.48	23.29	1	24.5
	16QAM	1	0	23.56	23.63	23.57	23.48	23.23	1	24.5
		1	37	23.68	23.64	23.57	23.48	23.23	1	24.5
		1	74	23.42	23.49	23.36	23.15	23.25	1	24.5
		36	0	22.62	22.61	22.62	22.52	22.31	2	23.5
		36	19	22.67	22.54	22.57	22.28	22.21	2	23.5
		36	39	22.53	22.60	22.61	22.39	22.37	2	23.5
		75	0	22.69	22.63	22.47	22.38	22.45	2	23.5
	64QAM	1	0	22.66	22.61	22.49	22.44	22.26	2	23.5
		1	37	22.55	22.60	22.51	22.39	22.31	2	23.5
		1	74	22.61	22.64	22.54	22.22	22.27	2	23.5
		36	0	21.66	21.61	21.65	21.37	21.36	3	22.5
		36	19	21.73	21.70	21.67	21.37	21.39	3	22.5
		36	39	21.60	21.63	21.67	21.39	21.39	3	22.5
		75	0	21.67	21.49	21.50	21.44	21.33	3	22.5
	256QAM	1	0	19.93	19.72	19.76	19.26	19.32	4	20.5
		1	37	19.93	19.47	19.83	19.21	19.60	4	20.5
		1	74	19.96	19.83	19.83	19.28	19.18	4	20.5
		36	0	19.59	19.62	19.46	19.29	19.42	4	20.5
		36	19	19.62	19.54	19.53	19.42	19.30	4	20.5
		36	39	19.56	19.53	19.53	19.42	19.35	4	20.5
		75	0	19.62	19.53	19.52	19.38	19.42	4	20.5

BW	Modulation	Channel		39700	40150	40620	41090	41540	DSPR MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2537	2580	2624	2659		
10M	QPSK	1	0	**24.62**	24.61	24.62	24.41	24.32	0	25.5
		1	24	24.53	24.49	24.31	24.51	24.44	0	25.5
		1	49	24.35	24.43	24.37	24.30	24.35	0	25.5
		25	0	23.63	23.50	23.43	23.50	23.27	1	24.5
		25	12	23.66	23.55	23.43	23.60	23.55	1	24.5
		25	25	23.62	23.37	23.50	23.63	23.25	1	24.5
		50	0	23.56	23.39	23.52	23.60	23.29	1	24.5
	16QAM	1	0	23.70	23.53	23.63	23.32	23.27	1	24.5
		1	24	23.51	23.39	23.57	23.29	23.28	1	24.5
		1	49	23.50	23.39	23.45	23.23	23.24	1	24.5
		25	0	22.71	22.63	22.69	22.52	22.36	2	23.5
		25	12	22.69	22.54	22.60	22.25	22.41	2	23.5
		25	25	22.52	22.69	22.63	22.37	22.37	2	23.5
		50	0	22.69	22.63	22.65	22.34	22.51	2	23.5
	64QAM	1	0	22.63	22.58	22.58	22.45	22.33	2	23.5
		1	24	22.64	22.68	22.68	22.50	22.19	2	23.5
		1	49	22.56	22.55	22.58	22.51	22.51	2	23.5
		25	0	21.66	21.65	21.67	21.50	21.31	3	22.5
		25	12	21.68	21.70	21.60	21.71	21.42	3	22.5
		25	25	21.77	21.65	21.77	21.65	21.34	3	22.5
		50	0	21.77	21.58	21.71	21.36	21.34	3	22.5
	256QAM	1	0	19.74	19.47	19.72	19.32	19.36	4	20.5
		1	24	19.70	19.65	19.65	19.26	19.60	4	20.5
		1	49	19.64	19.60	19.71	19.37	19.39	4	20.5
		25	0	19.65	19.53	19.43	19.62	19.37	4	20.5
		25	12	19.72	19.56	19.62	19.36	19.39	4	20.5
		25	25	19.53	19.61	19.48	19.33	19.52	4	20.5
		50	0	19.62	19.57	19.53	19.38	19.62	4	20.5

BW	Modulation	Channel		39675	40125	40620	41093	41565	DSPR MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2535.5	2583	2630.3	2667.5		
5M	QPSK	1	0	**24.62**	24.69	24.62	24.54	24.43	0	25.5
		1	12	24.56	24.58	24.42	24.41	24.40	0	25.5
		1	24	24.52	24.39	24.39	24.36	24.39	0	25.5
		12	0	23.62	23.53	23.69	23.49	23.40	1	24.5
		12	6	23.66	23.62	23.67	23.62	23.42	1	24.5
		12	13	23.62	23.67	23.62	23.47	23.32	1	24.5
	16QAM	1	0	23.63	23.61	23.62	23.49	23.39	1	24.5
		1	12	23.61	23.61	23.62	23.49	23.40	1	24.5
		1	24	23.41	23.51	23.46	23.15	23.22	1	24.5
		12	0	22.75	22.63	22.71	22.54	22.43	2	23.5
		12	6	22.61	22.67	22.62	22.28	22.22	2	23.5
		12	13	22.66	22.59	22.67	22.58	22.40	2	23.5
		25	0	22.70	22.66	22.56	22.39	22.40	2	23.5
	64QAM	1	0	22.74	22.68	22.68	22.34	22.33	2	23.5
		12	0	22.66	22.69	22.69	22.42	22.23	2	23.5
		12	6	22.66	22.63	22.62	22.38	22.32	2	23.5
		12	13	21.69	21.65	21.67	21.38	21.23	3	22.5
		12	6	21.76	21.68	21.64	21.36	21.41	3	22.5
		12	13	21.53	21.62	21.58	21.39	21.39	3	22.5
		25	0	21.72	21.53	21.62	21.40	21.29	3	22.5
	256QAM	1	0	19.82	19.61	19.76	19.32	19.35	4	20.5
		1	12	19.86	19.62	19.62	19.30	19.42	4	20.5
		1	24	19.68	19.62	19.63	19.23	19.21	4	20.5
		12	0	19.63	19.53	19.52	19.29	19.32	4	20.5
		12	6	19.64	19.61	19.59	19.38	19.37	4	20.5
		12	13	19.53	19.53	19.46	19.32	19.35	4	20.5
		25	0	19.70	19.56	19.54	19.43	19.51	4	20.5

LTE Band 41_Ant3

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	DSPR MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2544.5	2583	2621.5	2659		
20M	QPSK	1	0	23.62	**24.78**	24.32	24.31	23.93	0	25.5
		1	50	24.37	24.49	24.21	24.11	23.87	0	25.5
		1	99	24.31	24.37	24.13	24.09	23.92	0	25.5
		50	0	23.48	23.67	23.64	23.32	23.04	1	24.5
		50	25	23.39	23.46	23.51	23.19	22.91	1	24.5
		50	50	23.40	23.64	23.21	23.23	22.93	1	24.5
		100	0	23.39	23.60	23.47	23.26	22.91	1	24.5
	16QAM	1	0	23.27	23.70	23.48	23.42	22.90	1	24.5
		1	50	23.21	23.62	23.19	23.15	23.10	1	24.5
		1	99	23.15	23.41	23.16	23.11	23.10	1	24.5
		50	0	22.27	22.36	22.35	22.20	21.97	2	23.5
		50	25	22.22	22.56	22.36	22.09	22.12	2	23.5
		50	50	21.93	21.61	21.71	21.34	20.98	2	23.5
		100	0	21.94	21.49	21.46	21.35	21.06	3	22.5
	64QAM	1	0	19.19	19.31	19.16	19.26	18.80	3	20.5
		1	50	18.28	18.33	19.66	19.25	19.02	3	20.5
		1	99	19.11	19.11	19.11	19.09	18.78	3	20.5
		50	0	18.34	19.62	19.36	19.30	18.93	4	20.5
		50	25	19.36	19.61	19.21	19.23	19.22	4	20.5
		50	50	19.41	19.31	19.34	19.19	18.93	4	20.5
		100	0	19.36	19.44	19.24	19.20	18.93	4	20.5
	256QAM	1	0	16.98	**24.78**	16.98	16.98	16.98	4	20.5
		1	50	16.98	16.98	16.98	16.98	16.98	4	20.5
		1	99	16.98	16.98	16.98	16.98	16.98	4	20.5
		50	0	16.98	16.98	16.98	16.98	16.98	4	20.5
		50	25	16.98	16.98	16.98	16.98	16.98	4	20.5
		50	50	16.98	16.98	16.98	16.98	16.98	4	20.5
		100	0	16.98	16.98	16.98	16.98	16.98	4	20.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	DSPR MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2540.3	2583	2625.8	2663.5		
15M	QPSK	1	0	**24.78**	24.25	24.27	24.25	23.76	0	25.5
		1	37	24.33	24.63	24.19	24.20	23.76	0	25.5
		1	74	24.37	24.58	24.58	24.37	23.83	0	25.5
		36	0	23.33	23.81	23.30	23.20	22.99	1	24.5
		36	18	23.36	23.64	23.45	23.23	22.83	1	24.5
		36	39	23.38	23.35	23.19	23.23	22.80	1	24.5
		75	0	23.34	23.70	23.44	23.25	22.93	1	24.5
	16QAM	1	0	23.13	23.69	23.39	23.47	22.89	1	24.5
		1	37	23.17	23.69	23.17	23.23	22.83	1	24.5
		1	74	23.09	23.49	23.01	23.09	23.09	1	24.5
		36	0	22.15	22.47	22.15	22.20	21.71	2	23.5
		36	19	22.42	22.59	22.29	22.27	22.03	2	23.5
		36	39	22.20	22.63	22.15	22.25	21.98	2	23.5
		75	0	22.28	22.56	22.16	22.19	21.89	2	23.5
	64QAM	1	0	22.22	22.33	22.27	22.02	22.03	2	23.5
		1	37	22.29	22.15	22.25	22.08	21.93	2	23.5
		1	74	22.04	22.48	21.94	22.02	21.68	2	23.5
		36	0	21.15	21.43	21.21	21.24	20.81	3	22.5
		36	19	21.12	21.48	21.19	21.32	20.84	3	22.5
		36	39	21.20	21.49	21.19	21.30	20.83	3	22.5
		75	0	21.31	21.42	21.39	21.42	20.86	3	22.5
	256QAM	1	0	19.00	19.57	19.10	19.39	18.82	4	20.5
		1	37	19.20	19.52	19.60	19.36	18.92	4	20.5
		1	74	19.03	19.49	18.94	19.03

CE LTE_Default

LTE Band 41_Ant0

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	DSPR MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2544.5	2583	2620.5	2659		
20M	QPSK	1	0	**23.75**	23.72	23.79	23.61	23.25	0	24.5
		1	50	23.62	23.54	23.74	23.37	23.01	0	24.5
		1	99	23.27	23.34	23.38	23.05	23.23	0	24.5
		50	0	22.79	22.73	22.84	22.59	22.23	1	23.5
		50	25	22.82	22.71	22.75	22.62	22.27	1	23.5
		50	50	22.82	22.99	22.72	22.59	22.27	1	23.5
		100	0	22.81	22.71	22.79	22.61	22.26	1	23.5
	16QAM	1	0	22.84	22.64	22.65	22.13	22.22	1	23.5
		1	50	22.75	22.74	22.71	22.43	22.22	1	23.5
		1	99	22.55	22.23	22.45	22.09	22.19	1	23.5
		50	0	21.83	21.75	21.76	21.51	21.22	2	22.5
		50	25	21.73	21.61	21.75	21.56	21.09	2	22.5
		50	50	21.72	21.68	21.76	21.58	21.09	2	22.5
		100	0	21.83	21.72	21.80	21.26	21.59	2	22.5
	64QAM	1	0	21.80	21.74	21.79	21.11	21.32	2	22.5
		1	50	21.82	21.74	21.63	21.17	21.26	2	22.5
		1	99	21.60	21.60	21.63	21.13	21.20	2	22.5
		50	0	20.86	20.81	20.89	20.78	20.26	3	21.5
		50	25	20.74	20.79	20.72	20.55	20.39	3	21.5
		50	50	20.86	20.68	20.71	20.78	20.26	3	21.5
		100	0	20.72	20.55	20.71	20.59	20.29	3	21.5
	256QAM	1	0	19.82	19.41	19.76	19.20	19.34	3	19.5
		1	50	19.75	19.71	19.73	19.28	19.22	3	19.5
		1	99	19.53	19.31	19.41	19.17	19.29	3	19.5
		50	0	18.79	18.60	18.67	18.29	18.62	3	18.5
		50	25	18.85	18.83	18.82	18.77	18.56	3	18.5
		50	50	18.77	18.86	18.59	18.60	18.56	3	18.5
		100	0	18.79	18.86	18.72	18.62	18.58	3	18.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	DSPR MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2540.3	2583	2627.8	2663.5		
15M	QPSK	1	0	**23.73**	23.68	23.75	23.58	23.26	0	24.5
		1	37	23.58	23.64	23.68	23.61	23.19	0	24.5
		1	74	23.62	23.61	23.59	23.55	23.19	0	24.5
		36	0	22.72	22.71	22.82	22.69	22.35	1	23.5
		36	18	22.72	22.69	22.82	22.66	22.35	1	23.5
		36	39	22.72	22.66	22.68	22.59	22.35	1	23.5
		75	0	22.72	22.69	22.69	22.62	22.31	1	23.5
	16QAM	1	0	22.81	22.65	22.61	22.12	22.10	1	23.5
		1	37	22.72	22.60	22.63	22.26	22.20	1	23.5
		1	74	22.65	22.31	22.53	22.19	22.13	1	23.5
		36	0	21.77	21.66	21.66	21.45	21.22	2	22.5
		36	19	21.81	21.79	21.72	21.61	21.00	2	22.5
		36	39	21.80	21.68	21.76	21.64	21.27	2	22.5
		75	0	21.81	21.70	21.65	21.19	21.09	2	22.5
	64QAM	1	0	21.71	21.69	21.75	21.09	21.09	2	22.5
		1	37	21.79	21.69	21.73	21.21	21.09	2	22.5
		1	74	21.50	21.60	21.61	21.10	21.02	2	22.5
		36	0	20.83	20.79	20.87	20.76	20.35	3	21.5
		36	19	20.69	20.60	20.74	20.58	20.35	3	21.5
		36	39	20.53	20.47	20.69	20.39	20.21	3	21.5
		75	0	20.71	20.42	20.73	20.14	20.15	3	21.5
	256QAM	1	0	19.71	19.52	19.76	19.25	19.21	3	19.5
		1	37	19.70	19.66	19.68	19.32	19.38	3	19.5
		1	74	19.39	19.41	19.26	19.20	19.15	3	19.5
		36	0	18.88	18.55	18.61	18.29	18.32	3	18.5
		36	19	18.76	18.58	18.53	18.20	18.27	3	18.5
		36	39	18.71	18.35	18.48	18.22	18.12	3	18.5
		75	0	18.73	18.40	18.60	18.26	18.20	3	18.5

BW	Modulation	Channel		39700	40150	40620	41090	41540	DSPR MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2537	2580	2624	2659		
10M	QPSK	1	0	**23.77**	23.61	23.69	23.27	23.22	0	24.5
		1	24	23.51	23.46	23.60	23.54	23.18	0	24.5
		1	49	23.33	23.32	23.43	23.36	23.13	0	24.5
		25	0	22.66	22.58	22.69	22.54	22.31	1	23.5
		25	12	22.77	22.60	22.72	22.62	22.26	1	23.5
		25	25	22.74	22.61	22.65	22.51	22.28	1	23.5
		50	0	22.81	22.63	22.72	22.36	22.33	1	23.5
	16QAM	1	0	22.72	22.59	22.61	22.17	22.19	1	23.5
		1	24	22.74	22.62	22.59	22.52	22.23	1	23.5
		1	49	22.44	22.38	22.43	22.08	22.07	1	23.5
		25	0	21.77	21.62	21.75	21.59	21.29	2	22.5
		25	12	21.81	21.66	21.74	21.57	21.30	2	22.5
		25	25	21.83	21.66	21.72	21.66	21.29	2	22.5
		50	0	21.82	21.61	21.79	21.29	21.20	2	22.5
	64QAM	1	0	21.67	21.63	21.70	21.26	21.22	2	22.5
		1	24	21.72	21.60	21.77	21.26	21.09	2	22.5
		1	49	21.58	21.59	21.53	21.13	21.18	2	22.5
		25	0	20.79	20.77	20.84	20.72	20.30	3	21.5
		25	12	20.60	20.74	20.62	20.54	20.36	3	21.5
		25	25	20.62	20.47	20.62	20.74	20.25	3	21.5
		50	0	20.61	20.46	20.67	20.06	20.06	3	21.5
	256QAM	1	0	19.72	19.47	19.69	19.20	19.21	3	19.5
		1	24	19.69	19.64	19.66	19.22	19.50	3	19.5
		1	49	19.43	19.49	19.32	19.07	19.20	3	19.5
		25	0	18.65	18.52	18.60	18.21	18.37	3	18.5
		25	12	18.67	18.51	18.59	18.22	18.35	3	18.5
		25	25	18.68	18.38	18.54	18.23	18.13	3	18.5
		50	0	18.68	18.43	18.52	18.22	18.28	3	18.5

BW	Modulation	Channel		39675	40125	40620	41093	41565	DSPR MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2535.5	2583	2630.3	2667.5		
5M	QPSK	1	0	23.63	23.57	**23.88**	23.69	23.01	0	24.5
		1	12	23.57	23.49	23.63	23.59	23.19	0	24.5
		1	24	23.52	23.39	23.39	23.36	23.19	0	24.5
		12	0	22.74	22.61	22.73	22.51	22.06	1	23.5
		12	6	22.71	22.62	22.82	22.56	22.12	1	23.5
		12	13	22.73	22.56	22.59	22.56	22.35	1	23.5
	16QAM	1	0	22.73	22.61	22.59	22.49	22.07	1	23.5
		1	12	22.75	22.61	22.61	22.49	22.08	1	23.5
		1	24	22.46	22.28	22.54	22.09	22.09	1	23.5
		12	0	21.79	21.61	21.71	21.55	21.30	2	22.5
		12	6	21.69	21.73	21.64	21.52	21.28	2	22.5
		12	13	21.63	21.62	21.77	21.58	21.29	2	22.5
		25	0	21.69	21.66	21.67	21.22	21.24	2	22.5
	64QAM	1	0	21.73	21.72	21.72	21.18	21.22	2	22.5
		12	0	21.67	21.67	21.70	21.17	21.00	2	22.5
		12	6	21.53	21.63	21.62	21.26	21.13	2	22.5
		12	13	20.83	20.80	20.81	20.77	20.39	3	21.5
		12	6	20.78	20.77	20.77	20.64	20.34	3	21.5
		12	13	20.66	20.69	20.66	20.78	20.31	3	21.5
		25	0	20.66	20.61	20.63	20.56	20.16	3	21.5
	256QAM	1	0	19.74	19.49	19.72	19.26	19.25	3	19.5
		1	12	19.73	19.56	19.62	19.20	19.23	3	19.5
		1	24	19.53	19.43	19.46	19.25	19.21	3	19.5
		12	0	18.82	18.46	18.53	18.21	18.32	3	18.5
		12	6	18.77	18.47	18.54	18.21	18.31	3	18.5
		12	13	18.63	18.39	18.58	18.24	18.19	3	18.5
		25	0	18.74	18.39	18.68	18.37	18.30	3	18.5

LTE Band 41_Ant2

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	DSPR MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2544.5	2583	2621.5	2659		
20M	QPSK	1	0	**24.49**	24.51	24.49	24.33	24.45	0	25.5
		1	50	24.47	24.53	24.43	24.31	24.39	0	25.5
		1	99	24.41	24.43	24.43	24.42	24.30	0	25.5
		50	0	23.66	23.69	23.68	23.55	23.35	1	24.5
		50	25	23.72	23.65	23.68	23.58	23.65	1	24.5
		50	50	23.64	23.65	23.66	23.50	23.60	1	24.5
		100	0	23.71	23.53	23.60	23.49	23.47	1	24.5
	16QAM	1	0	23.70	23.67	23.68	23.45	23.39	1	24.5
		1	50	23.58	23.61	23.62	23.42	23.45	1	24.5
		1	99	23.58	23.51	23.51	23.22	23.27	1	24.5
		50	0	22.75	22.63	22.71	22.54	22.43	2	23.5
		50	25	22.69	22.54	22.69	22.24	22.45	2	23.5
		50	50	22.62	22.66	22.67	22.57	22.45	2	23.5
		100	0	22.73	22.60	22.69	22.17	22.35	2	23.5
	64QAM	1	0	22.73	22.52	22.62	22.38	22.38	2	23.5
		1	50	22.67	22.51	22.63	22.37	22.52	2	23.5
		1	99	22.52	22.34	22.62	22.23	22.25	2	23.5
		50	0	21.71	21.53	21.60	21.39	21.39	3	22.5
		50	25	21.80	21.69	21.70	21.64	21.53	3	22.5
		50	50	21.63	21.60	21.65	21.58	21.51	3	22.5
		100	0	21.78	21.54	21.65	21.39	21.49	3	22.5
	256QAM	1	0	20.90	20.77	20.84	20.72	20.30	4	21.5
		1	50	20.77	20.63	20.83	20.72	20.42	4	21.5
		1	99	20.69	20.61	20.69	20.63	20.42	4	21.5
		50	0	19.77	19.62	19.72	19.32	19.39	4	20.5
		50	25	19.85	19.78	19.82	19.77	19.55	4	20.5
		50	50	19.77	19.86	19.68	19.70	19.55	4	20.5
		100	0	19.78	19.86	19.72	19.62	19.58	4	20.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	DSPR MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2540.3	2583	2625.8	2663.5		
15M	QPSK	1	0	**24.49**	24.45	24.48	24.32	24.21	0	25.5
		1	37	24.52	24.49	24.30	24.40	24.45	0	25.5
		1	74	24.47	24.43	24.42	24.37	24.32	0	25.5
		36	0	23.66	23.61	23.62	23.54	23.36	1	24.5
		36	18	23.68	23.64	23.62	23.57	23.34	1	24.5
		36	39	23.51	23.49	23.49	23.53	23.37	1	24.5
		75	0	23.54	23.62	23.57	23.48	23.29	1	24.5
	16QAM	1	0	23.56	23.63	23.57	23.48	23.23	1	24.5
		1	37	23.68	23.64	23.57	23.48	23.23	1	24.5
		1	74	23.42	23.49	23.36	23.15	23.25	1	24.5
		36	0	22.62	22.61	22.62	22.52	22.31	2	23.5
		36	19	22.67	22.54	22.57	22.28	22.21	2	23.5
		36	39	22.53	22.60	22.61	22.39	22.37	2	23.5
		75	0	22.69	22.63	22.47	22.38	22.45	2	23.5
	64QAM	1	0	22.66	22.61	22.49	22.44	22.26	2	23.5
		1	37	22.55	22.60	22.51	22.39	22.31	2	23.5
		1	74	22.61	22.64	22.54	22.22	22.27	2	23.5
		36	0	21.66	21.61	21.65	21.37	21.36	3	22.5
		36	19	21.73	21.70	21.67	21.37	21.39	3	22.5
		36	39	21.60	21.63	21.67	21.39	21.39	3	22.5
		75	0	21.67	21.49	21.50	21.44	21.33	3	22.5
	256QAM	1	0	19.93	19.72	19.76	19.26	19.32	4	20.5
		1	37	19.93	19.47	19.83	19.21	19.60	4	20.5
		1	74	19.96	19.83	19.83	19.28	19.18	4	20.5
		36	0	19.59	19.62	19.46	19.29	19.42	4	20.5
		36	19	19.62	19.54	19.53	19.42	19.30	4	20.5
		36	39	19.56	19.53	19.53	19.42	19.35	4	20.5
		75	0	19.62	19.53	19.52	19.38	19.42	4	20.5

BW	Modulation	Channel		39700	40150	40620	41090	41540	DSPR MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2537	2580	2624	2659		
10M	QPSK	1	0	**24.62**	24.61	24.62	24.41	24.32	0	25.5
		1	24	24.53	24.49	24.31	24.51	24.44	0	25.5
		1	49	24.35	24.43	24.37	24.30	24.35	0	25.5
		25	0	23.63	23.50	23.43	23.50	23.27	1	24.5
		25	12	23.66	23.55	23.43	23.60	23.55	1	24.5
		25	25	23.62	23.37	23.50	23.63	23.25	1	24.5
		50	0	23.56	23.39	23.52	23.60	23.29	1	24.5
	16QAM	1	0	23.70	23.53	23.63	23.32	23.27	1	24.5
		1	24	23.51	23.39	23.57	23.29	23.28	1	24.5
		1	49	23.50	23.39	23.45	23.23	23.24	1	24.5
		25	0	22.71	22.63	22.69	22.52	22.36	2	23.5
		25	12	22.69	22.54	22.60	22.25	22.41	2	23.5
		25	25	22.52	22.69	22.63	22.37	22.37	2	23.5
		50	0	22.69	22.63	22.65	22.34	22.51	2	23.5
	64QAM	1	0	22.63	22.58	22.58	22.45	22.33	2	23.5
		1	24	22.64	22.68	22.68	22.50	22.19	2	23.5
		1	49	22.56	22.55	22.58	22.51	22.51	2	23.5
		25	0	21.66	21.65	21.67	21.50	21.31	3	22.5
		25	12	21.68	21.70	21.60	21.71	21.42	3	22.5
		25	25	21.77	21.65	21.77	21.65	21.34	3	22.5
		50	0	21.77	21.58	21.71	21.36	21.34	3	22.5
	256QAM	1	0	19.74	19.47	19.72	19.32	19.36	4	20.5
		1	24	19.70	19.65	19.65	19.26	19.60	4	20.5
		1	49	19.64	19.60	19.71	19.37	19.39	4	20.5
		25	0	19.65	19.53	19.43	19.62	19.37	4	20.5
		25	12	19.72	19.56	19.62	19.36	19.39	4	20.5
		25	25	19.53	19.61	19.48	19.33	19.52	4	20.5
		50	0	19.62	19.57	19.53	19.38	19.62	4	20.5

BW	Modulation	Channel		39675	40125	40620	41093	41565	DSPR MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2535.5	2583	2630.3	2667.5		
5M	QPSK	1	0	**24.62**	24.69	24.62	24.54	24.43	0	25.5
		1	12	24.56	24.58	24.42	24.41	24.40	0	25.5
		1	24	24.52	24.39	24.39	24.36	24.39	0	25.5
		12	0	23.62	23.53	23.69	23.49	23.40	1	24.5
		12	6	23.66	23.62	23.67	23.62	23.42	1	24.5
		12	13	23.62	23.67	23.62	23.47	23.32	1	24.5
	16QAM	1	0	23.63	23.61	23.62	23.49	23.39	1	24.5
		1	12	23.61	23.61	23.62	23.49	23.40	1	24.5
		1	24	23.41	23.51	23.46	23.15	23.22	1	24.5
		12	0	22.75	22.63	22.71	22.54	22.43	2	23.5
		12	6	22.61	22.67	22.62	22.28	22.22	2	23.5
		12	13	22.66	22.59	22.67	22.58	22.40	2	23.5
		25	0	22.70	22.66	22.56	22.39	22.40	2	23.5
	64QAM	1	0	22.74	22.68	22.68	22.34	22.33	2	23.5
		12	0	22.66	22.69	22.69	22.42	22.23	2	23.5
		12	6	22.66	22.63	22.62	22.38	22.32	2	23.5
		12	13	21.69	21.65	21.67	21.38	21.23	3	22.5
		12	6	21.76	21.68	21.64	21.36	21.41	3	22.5
		12	13	21.53	21.62	21.58	21.39	21.39	3	22.5
		25	0	21.72	21.53	21.62	21.40	21.29	3	22.5
	256QAM	1	0	19.82	19.61	19.76	19.32	19.35	4	20.5
		1	12	19.86	19.62	19.62	19.30	19.42	4	20.5
		1	24	19.68	19.62	19.63	19.23	19.21	4	20.5
		12	0	19.63	19.53	19.52	19.29	19.32	4	20.5
		12	6	19.64	19.61	19.59	19.38	19.37	4	20.5
		12	13	19.53	19.53	19.46	19.32	19.35	4	20.5
		25	0	19.70	19.56	19.54	19.43	19.51	4	20.5

LTE Band 41_Ant3

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	DSPR MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2544.5	2583	2621.5	2659		
20M	QPSK	1	0	23.62	**24.78**	24.32	24.31	23.93	0	25.5
		1	50	24.37	24.49	24.21	24.11	23.87	0	25.5
		1	99	24.31	24.37	24.13	24.09	23.92	0	25.5
		50	0	23.48	23.67	23.64	23.32	23.04	1	24.5
		50	25	23.39	23.46	23.51	23.19	22.91	1	24.5
		50	50	23.40	23.64	23.21	23.23	22.93	1	24.5
		100	0	23.39	23.60	23.47	23.26	22.91	1	24.5
	16QAM	1	0	23.27	23.70	23.48	23.42	22.90	1	24.5
		1	50	23.21	23.62	23.19	23.15	23.10	1	24.5
		1	99	23.15	23.41	23.16	23.11	23.10	1	24.5
		50	0	22.27	22.36	22.35	22.20	21.97	2	23.5
		50	25	22.22	22.56	22.36	22.09	22.12	2	23.5
		50	50	21.93	21.61	21.71	21.34	20.98	2	23.5
		100	0	21.94	21.49	21.46	21.35	21.06	3	22.5
	64QAM	1	0	19.19	19.31	19.16	19.26	18.80	3	20.5
		1	50	18.28	18.33	19.66	19.25	19.02	3	20.5
		1	99	19.11	19.11	19.11	19.09	18.78	3	20.5
		50	0	18.34	19.62	19.36	19.30	18.93	4	20.5
		50	25	19.36	19.61	19.21	19.23	19.22	4	20.5
		50	50	19.41	19.31	19.34	19.19	18.93	4	20.5
		100	0	19.36	19.44	19.24	19.20	18.93	4	20.5
	256QAM	1	0	16.98	**24.78**	16.98	16.98	16.98	4	20.5
		1	50	16.98	16.98	16.98	16.98	16.98	4	20.5
		1	99	16.98	16.98	16.98	16.98	16.98	4	20.5
		50	0	16.98	16.98	16.98	16.98	16.98	4	20.5
		50	25	16.98	16.98	16.98	16.98	16.98	4	20.5
		50	50	16.98	16.98	16.98	16.98	16.98	4	20.5
		100	0	16.98	16.98	16.98	16.98	16.98	4	20.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	DSPR MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2540.3	2583	2625.8	2663.5		
15M	QPSK	1	0	**24.78**	24.25	24.27	24.25	23.76	0	25.5
		1	37	24.33	24.63	24.19	24.20	23.76	0	25.5
		1	74	24.37	24.58	24.58	24.37	23.82	0	25.5
		36	0	23.33	23.81	23.50	23.25	22.98	1	24.5
		36	18	23.62	23.65	23.62	23.23	22.83	1	24.5
		36	39	23.38	23.55	23.19	23.23	22.80	1	24.5
		75	0	23.54	23.70	23.64	23.25	22.84	1	24.5
	16QAM	1	0	23.13	23.69	23.39	23.47	22.89	1	24.5
		1	37	23.17	23.69	23.17	23.39	22.83	1	24.5
		1	74	23.09	23.49	23.01	23.09	23.09	1	24.5
		36	0	22.15	22.47	22.15	22.20	21.71	2	23.5
		36	19	22.42	22.59	22.29	22.27	22.03	2	23.5
		36	39	22.20	22.63	22.15	22.15	21.92	2	23.5
		75	0	22.28	22.56	22.16	22.19	21.89	2	23.5
	64QAM	1	0	22.22	22.33	22.27	22.02	22.03	2	23.5
		1	37	22.29	22.15	22.25	22.08	21.93	2	23.5
		1	74	22.04	22.48	21.94	22.02	21.68	2	23.5
		36	0	21.15	21.43	21.21	21.24	20.81	3	22.5
		36	19	21.12	21.48	21.19	21.32	20.84	3	22.5
		36	39	21.20	21.42	21.19	21.30	20.83	3	22.5
		75	0	21.31	21.42	21.39	21.42	20.86	3	22.5
	256QAM	1	0	19.00	19.57	19.10	19.26	18.82	4	20.5
		1	37	19.20	19.52	19.60	19.36	18.92	4	20.5
		1	74	19.03	19.49	18.94	19.03

CE LTE_DSI1

LTE Band 5_Ant0							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	24.02	24.16	24.03	25
		1	24	24.23	**24.32**	24.16	25
		1	49	23.84	23.88	23.80	25
		25	0	23.09	23.15	23.10	24
		25	12	23.14	23.23	23.26	24
		25	25	23.03	23.13	23.17	24
		50	0	22.95	23.15	23.12	24
	16QAM	1	0	23.63	23.52	23.52	24
		1	24	23.50	23.59	23.47	24
		1	49	23.53	23.41	23.33	24
		25	0	22.17	22.20	22.11	23
		25	12	22.26	22.22	22.37	23
		25	25	21.92	22.15	22.19	23
		50	0	22.10	22.04	22.06	23
	64QAM	1	0	22.28	22.24	22.19	23
		1	24	22.34	22.37	22.09	23
		1	49	22.22	22.37	22.06	23
		25	0	20.86	21.11	21.06	22
		25	12	21.06	21.36	21.10	22
		25	25	21.05	21.08	20.95	22
		50	0	21.18	21.21	21.07	22
	256QAM	1	0	19.00	19.10	18.96	20
		1	24	19.22	19.23	19.20	20
		1	49	19.09	19.37	19.18	20
		25	0	18.97	19.15	19.01	20
		25	12	18.99	19.23	19.08	20
		25	25	18.90	19.09	18.86	20
		50	0	19.18	19.28	19.07	20
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	23.96	24.13	23.98	25
		1	12	24.19	**24.20**	24.13	25
		1	24	23.78	23.87	23.75	25
		12	0	22.96	23.04	22.96	24
		12	6	23.07	23.12	23.25	24
		12	13	22.95	23.02	23.13	24
		25	0	22.91	23.02	23.07	24
	16QAM	1	0	23.58	23.49	23.47	24
		1	12	23.48	23.46	23.44	24
		1	24	23.49	23.38	23.28	24
		12	0	22.03	22.05	22.05	23
		12	6	22.16	22.09	22.22	23
		12	13	21.77	22.04	22.07	23
		25	0	22.08	22.00	21.97	23
	64QAM	1	0	22.21	22.10	22.12	23
		1	12	22.20	22.28	21.94	23
		1	24	22.16	22.25	21.99	23
		12	0	20.85	21.09	20.93	22
		12	6	20.94	21.28	21.00	22
		12	13	21.01	21.03	20.80	22
		25	0	21.14	21.16	20.92	22
	256QAM	1	0	18.94	19.09	18.95	20
		1	12	19.10	19.12	19.18	20
		1	24	19.02	19.24	19.03	20
		12	0	18.82	19.01	18.91	20
		12	6	18.90	19.15	18.97	20
		12	13	18.86	19.05	18.72	20
		25	0	19.13	19.27	18.96	20
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	23.93	24.06	23.97	25
		1	7	**24.22**	24.20	24.04	25
		1	14	23.74	23.81	23.69	25
		8	0	23.05	23.10	23.01	24
		8	3	23.10	23.21	23.24	24
		8	7	22.93	23.00	23.16	24
		15	0	22.93	23.00	23.08	24
	16QAM	1	0	23.57	23.44	23.50	24
		1	7	23.41	23.56	23.38	24
		1	14	23.45	23.33	23.28	24
		8	0	22.15	22.08	22.10	23
		8	3	22.23	22.18	22.35	23
		8	7	21.81	22.05	22.10	23
		15	0	22.01	21.98	22.00	23
	64QAM	1	0	22.19	22.17	22.05	23
		1	7	22.28	22.23	22.08	23
		1	14	22.09	22.27	22.01	23
		8	0	20.81	21.02	21.02	22
		8	3	20.96	21.29	21.05	22
		8	7	20.94	21.06	20.92	22
		15	0	21.16	21.13	20.92	22
	256QAM	1	0	18.94	19.03	18.89	20
		1	7	19.18	19.11	19.18	20
		1	14	18.95	19.25	19.08	20
		8	0	18.88	19.14	18.91	20
		8	3	18.87	19.16	19.04	20
		8	7	18.81	18.96	18.81	20
		15	0	19.11	19.26	18.96	20
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	23.91	24.08	23.98	25
		1	2	24.08	**24.18**	24.06	25
		1	5	23.75	23.88	23.75	25
		3	0	23.83	23.83	23.90	25
		3	1	23.90	24.02	23.90	25
		3	3	23.70	23.90	23.80	25
		6	0	22.86	23.01	23.01	24
	16QAM	1	0	23.55	23.36	23.41	24
		1	2	23.42	23.45	23.47	24
		1	5	23.43	23.28	23.36	24
		3	0	22.92	22.95	22.78	24
		3	1	22.99	23.10	22.95	24
		3	3	22.77	22.86	22.95	24
		6	0	22.04	22.04	21.92	23
	64QAM	1	0	22.12	22.26	22.18	23
		1	2	22.20	22.20	22.07	23
		1	5	22.21	22.33	22.03	23
		3	0	21.57	21.82	21.69	23
		3	1	21.89	22.01	21.93	23
		3	3	21.80	21.79	21.71	23
		6	0	21.07	21.14	20.94	22
	256QAM	1	0	18.90	19.01	18.85	20
		1	2	19.18	19.01	19.06	20
		1	5	19.09	19.15	19.08	20
		3	0	18.81	19.00	18.98	20
		3	1	18.94	19.19	19.06	20
		3	3	18.79	19.06	18.94	20
		6	0	19.04	19.21	19.11	20

LTE Band 5_Ant1							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	19.31	19.32	19.35	20.5
		1	24	**19.51**	19.40	19.38	20.5
		1	49	19.21	19.20	19.36	20.5
		25	0	19.33	19.23	19.21	20.5
		25	12	19.50	19.29	19.47	20.5
		25	25	19.21	19.30	19.42	20.5
		50	0	19.43	19.31	19.04	20.5
	16QAM	1	0	19.17	19.29	19.27	20.5
		1	24	19.06	19.34	19.20	20.5
		1	49	19.34	19.20	19.15	20.5
		25	0	19.17	19.12	19.35	20.5
		25	12	19.29	19.08	19.18	20.5
		25	25	19.20	19.03	19.19	20.5
		50	0	19.25	19.21	19.21	20.5
	64QAM	1	0	19.32	19.24	19.01	20.5
		1	24	19.10	19.25	19.32	20.5
		1	49	19.17	19.16	19.20	20.5
		25	0	19.16	18.90	19.15	20.5
		25	12	19.29	19.27	19.11	20.5
		25	25	19.24	19.30	19.34	20.5
		50	0	19.29	19.04	19.22	20.5
	256QAM	1	0	19.38	19.03	19.25	20.5
		1	24	19.24	19.19	18.98	20.5
		1	49	19.25	19.30	19.15	20.5
		25	0	19.36	19.21	18.96	20.5
		25	12	19.03	19.10	19.05	20.5
		25	25	19.32	19.01	18.97	20.5
		50	0	19.22	19.18	19.38	20.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	19.16	19.17	19.24	20.5
		1	12	19.43	19.33	19.35	20.5
		1	24	19.08	19.15	19.21	20.5
		12	0	19.18	19.12	19.16	20.5
		12	6	**19.48**	19.19	19.43	20.5
		12	13	19.13	19.20	19.32	20.5
		25	0	19.41	19.30	18.94	20.5
	16QAM	1	0	19.12	19.20	19.14	20.5
		1	12	19.03	19.33	19.07	20.5
		1	24	19.27	19.18	19.07	20.5
		12	0	19.06	18.98	19.30	20.5
		12	6	19.24	19.06	19.11	20.5
		12	13	19.09	18.91	19.07	20.5
		25	0	19.23	19.19	19.11	20.5
	64QAM	1	0	19.20	19.20	18.96	20.5
		1	12	18.96	19.13	19.30	20.5
		1	24	19.03	19.15	19.18	20.5
		12	0	19.08	18.85	19.13	20.5
		12	6	19.19	19.19	19.05	20.5
		12	13	19.10	19.27	19.26	20.5
		25	0	19.18	18.92	19.07	20.5
	256QAM	1	0	19.24	18.89	19.10	20.5
		1	12	19.18	19.06	18.89	20.5
		1	24	19.22	19.27	19.06	20.5
		12	0	19.35	19.07	18.82	20.5
		12	6	18.91	19.09	19.01	20.5
		12	13	19.22	19.00	18.86	20.5
		25	0	19.08	19.09	19.30	20.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	19.27	19.20	19.23	20.5
		1	7	19.32	19.25	19.37	20.5
		1	14	19.20	19.19	19.32	20.5
		8	0	19.23	19.13	19.09	20.5
		8	3	**19.44**	19.19	19.41	20.5
		8	7	19.09	19.29	19.39	20.5
		15	0	19.33	19.18	18.95	20.5
	16QAM	1	0	19.13	19.15	19.25	20.5
		1	7	18.93	19.31	19.08	20.5
		1	14	19.28	19.09	19.01	20.5
		8	0	19.03	18.98	19.26	20.5
		8	3	19.15	19.04	19.10	20.5
		8	7	19.10	18.97	19.04	20.5
		15	0	19.21	19.13	19.15	20.5
	64QAM	1	0	19.20	19.15	19.00	20.5
		1	7	19.02	19.20	19.27	20.5
		1	14	19.06	19.01	19.14	20.5
		8	0	19.06	18.87	19.03	20.5
		8	3	19.23	19.24	18.98	20.5
		8	7	19.13	19.28	19.24	20.5
		15	0	19.21	18.98	19.09	20.5
	256QAM	1	0	19.25	18.89	19.24	20.5
		1	7	19.23	19.15	18.89	20.5
		1	14	19.24	19.25	19.00	20.5
		8	0	19.26	19.08	18.84	20.5
		8	3	18.89	18.99	18.94	20.5
		8	7	19.19	18.89	18.87	20.5
		15	0	19.13	19.11	19.37	20.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	19.18	19.25	19.27	20.5
		1	2	19.36	19.39	19.35	20.5
		1	5	19.17	19.19	19.28	20.5
		3	0	19.23	19.22	19.06	20.5
		3	1	**19.42**	19.16	19.33	20.5
		3	3	19.20	19.25	19.37	20.5
		6	0	19.30	19.17	18.89	20.5
	16QAM	1	0	19.09	19.21	19.17	20.5
		1	2	18.94	19.32	19.10	20.5
		1	5	19.22	19.13	19.13	20.5
		3	0	19.08	19.05	19.20	20.5
		3	1	19.24	19.04	19.03	20.5
		3	3	19.17	19.01	19.10	20.5
		6	0	19.12	19.17	19.17	20.5
	64QAM	1	0	19.24	19.17	18.98	20.5
		1	2	18.97	19.10	19.28	20.5
		1	5	19.15	19.02	19.06	20.5
		3	0	19.09	18.78	19.04	20.5
		3	1	19.14	19.26	18.99	20.5
		3	3	19.23	19.29	19.21	20.5
		6	0	19.25	19.02	19.07	20.5
	256QAM	1	0	19.23	18.95	19.17	20.5
		1	2	19.19	19.14	18.87	20.5
		1	5	19.19	19.24	19.13	20.5
		3	0	19.29	19.14	18.87	20.5
		3	1	19.00	18.98	18.97	20.5
		3	3	19.22	18.89	18.84	20.5
		6	0	19.17	19.10	19.32	20.5

CE LTE_DSI1

LTE Band 7_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	23.89	23.88	**24.06**	24.5
		1	50	23.92	23.85	23.71	24.5
		1	99	23.79	23.79	23.70	24.5
		50	0	22.95	22.86	23.00	23.5
		50	25	22.96	22.81	22.74	23.5
		50	50	22.91	22.83	22.59	23.5
		100	0	22.84	22.86	22.87	23.5
	16QAM	1	0	22.99	22.84	23.08	23.5
		1	50	22.84	22.76	22.92	23.5
		1	99	22.68	22.55	22.67	23.5
		50	0	21.88	21.95	22.00	22.5
		50	25	22.10	22.08	22.00	22.5
		50	50	21.89	21.93	22.03	22.5
		100	0	22.02	22.00	22.06	22.5
	64QAM	1	0	22.05	22.01	22.14	22.5
		1	50	21.98	22.08	22.01	22.5
		1	99	22.03	22.06	22.13	22.5
		50	0	21.08	21.02	21.07	21.5
		50	25	21.00	21.06	21.12	21.5
		50	50	20.90	20.94	21.03	21.5
		100	0	20.96	21.00	21.13	21.5
	256QAM	1	0	19.07	19.06	19.01	19.5
		1	50	19.12	19.02	19.13	19.5
		1	99	18.96	19.11	19.09	19.5
		50	0	19.05	19.02	19.07	19.5
		50	25	18.84	18.98	18.91	19.5
		50	50	18.79	18.83	18.87	19.5
		100	0	18.96	18.98	19.09	19.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	23.85	23.83	**23.91**	24.5
		1	37	23.77	23.81	23.67	24.5
		1	74	23.74	23.66	23.57	24.5
		36	0	22.87	22.73	22.88	23.5
		36	19	22.81	22.80	22.70	23.5
		36	39	22.84	22.75	22.53	23.5
		75	0	22.80	22.75	22.78	23.5
	16QAM	1	0	22.96	22.72	23.04	23.5
		1	37	22.82	22.75	22.86	23.5
		1	74	22.53	22.44	22.60	23.5
		36	0	21.79	21.89	21.85	22.5
		36	19	22.03	21.97	21.88	22.5
		36	39	21.88	21.89	21.97	22.5
		75	0	21.95	21.91	21.96	22.5
	64QAM	1	0	21.99	21.92	22.00	22.5
		1	37	21.91	22.07	21.93	22.5
		1	74	21.92	22.03	22.12	22.5
		36	0	21.03	20.87	21.04	21.5
		36	19	20.93	21.02	21.08	21.5
		36	39	20.82	20.86	21.00	21.5
		75	0	20.84	20.87	21.02	21.5
	256QAM	1	0	19.06	18.92	18.93	19.5
		1	37	19.06	18.88	19.07	19.5
		1	74	18.82	19.09	19.08	19.5
		36	0	18.93	18.94	19.00	19.5
		36	19	18.83	18.85	18.82	19.5
		36	39	18.71	18.74	18.73	19.5
		75	0	18.92	18.91	19.05	19.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	23.80	23.76	**24.01**	24.5
		1	24	23.80	23.74	23.65	24.5
		1	49	23.68	23.69	23.57	24.5
		25	0	22.81	22.85	22.97	23.5
		25	12	22.86	22.69	22.69	23.5
		25	25	22.82	22.74	22.51	23.5
		50	0	22.77	22.81	22.72	23.5
	16QAM	1	0	22.85	22.70	23.03	23.5
		1	24	22.70	22.62	22.78	23.5
		1	49	22.59	22.40	22.57	23.5
		25	0	21.79	21.93	21.95	22.5
		25	12	22.01	22.05	21.89	22.5
		25	25	21.88	21.80	21.92	22.5
		50	0	21.90	21.90	21.91	22.5
	64QAM	1	0	21.92	21.92	22.13	22.5
		1	24	21.94	21.96	21.99	22.5
		1	49	21.88	21.92	22.01	22.5
		25	0	21.03	20.92	20.99	21.5
		25	12	20.97	20.92	21.00	21.5
		25	25	20.86	20.83	20.93	21.5
		50	0	20.82	20.85	21.12	21.5
	256QAM	1	0	19.05	18.98	18.92	19.5
		1	24	19.00	19.01	19.11	19.5
		1	49	18.88	19.05	18.98	19.5
		25	0	18.98	18.92	18.96	19.5
		25	12	18.69	18.93	18.86	19.5
		25	25	18.66	18.80	18.78	19.5
		50	0	18.84	18.91	18.95	19.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	23.80	23.84	**24.03**	24.5
		1	12	23.85	23.83	23.62	24.5
		1	24	23.74	23.77	23.56	24.5
		12	0	22.92	22.85	22.89	23.5
		12	6	22.89	22.69	22.69	23.5
		12	13	22.78	22.68	22.44	23.5
		25	0	22.85	22.75	22.83	23.5
	16QAM	1	0	22.84	22.72	22.93	23.5
		1	12	22.83	22.67	22.91	23.5
		1	24	22.59	22.49	22.61	23.5
		12	0	21.76	21.91	21.94	22.5
		12	6	21.97	21.94	21.94	22.5
		12	13	21.76	21.89	21.93	22.5
		25	0	22.00	21.88	22.03	22.5
	64QAM	1	0	21.99	21.87	22.07	22.5
		1	12	21.92	21.99	21.94	22.5
		1	24	21.96	22.00	22.09	22.5
		12	0	21.00	20.93	21.03	21.5
		12	6	20.92	20.92	21.03	21.5
		12	13	20.85	20.93	21.00	21.5
		25	0	20.82	20.85	21.08	21.5
	256QAM	1	0	18.92	19.01	18.91	19.5
		1	12	19.09	19.01	19.03	19.5
		1	24	18.94	19.00	18.97	19.5
		12	0	18.97	18.93	18.98	19.5
		12	6	18.83	18.91	18.78	19.5
		12	13	18.71	18.80	18.75	19.5
		25	0	18.92	18.88	19.07	19.5

LTE Band 7_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	15.10	**15.18**	15.07	16
		1	50	15.05	15.15	15.03	16
		1	99	15.03	14.89	15.09	16
		50	0	15.01	15.12	15.14	16
		50	25	14.90	14.90	15.05	16
		50	50	14.89	14.93	15.07	16
		100	0	15.12	15.13	14.93	16
	16QAM	1	0	14.74	15.07	14.97	16
		1	50	14.83	14.93	14.82	16
		1	99	15.00	14.87	14.82	16
		50	0	14.86	14.73	14.98	16
		50	25	14.94	14.80	14.88	16
		50	50	14.84	14.82	14.77	16
		100	0	14.80	14.94	14.85	16
	64QAM	1	0	14.96	14.92	14.66	16
		1	50	14.82	14.94	15.11	16
		1	99	14.98	14.87	15.02	16
		50	0	14.94	14.71	14.86	16
		50	25	14.90	15.00	14.82	16
		50	50	14.96	14.97	14.92	16
		100	0	14.89	14.77	14.88	16
	256QAM	1	0	15.01	14.76	14.81	16
		1	50	14.89	14.87	14.77	16
		1	99	14.96	14.88	14.67	16
		50	0	15.04	14.79	14.72	16
		50	25	14.75	14.88	14.74	16
		50	50	14.88	14.69	14.76	16
		100	0	14.94	14.79	15.04	16
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	15.02	15.03	14.96	16
		1	37	14.91	15.04	14.98	16
		1	74	14.89	14.78	14.99	16
		36	0	14.93	15.06	15.04	16
		36	19	14.86	14.75	14.92	16
		36	39	14.86	14.86	15.00	16
		75	0	14.97	**15.07**	14.87	16
	16QAM	1	0	14.72	15.04	14.93	16
		1	37	14.69	14.85	14.77	16
		1	74	14.96	14.82	14.76	16
		36	0	14.80	14.66	14.88	16
		36	19	14.82	14.74	14.87	16
		36	39	14.69	14.74	14.70	16
		75	0	14.73	14.79	14.73	16
	64QAM	1	0	14.89	14.89	14.64	16
		1	37	14.76	14.90	15.06	16
		1	74	14.89	14.77	14.96	16
		36	0	14.81	14.62	14.72	16
		36	19	14.83	14.99	14.79	16
		36	39	14.83	14.83	14.89	16
		75	0	14.87	14.75	14.83	16
	256QAM	1	0	15.00	14.69	14.76	16
		1	37	14.84	14.72	14.70	16
		1	74	14.92	14.76	14.66	16
		36	0	14.95	14.72	14.63	16
		36	19	14.74	14.87	14.70	16
		36	39	14.77	14.59	14.72	16
		75	0	14.93	14.78	15.00	16
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	15.03	**15.10**	14.96	16
		1	24	15.02	15.09	14.92	16
		1	49	14.90	14.80	14.95	16
		25	0	14.99	15.09	15.09	16
		25	12	14.84	14.81	15.00	16
		25	25	14.78	14.84	14.98	16
		50	0	15.04	15.06	14.90	16
	16QAM	1	0	14.67	15.01	14.82	16
		1	24	14.75	14.81	14.69	16
		1	49	14.95	14.85	14.74	16
		25	0	14.74	14.69	14.89	16
		25	12	14.84	14.76	14.78	16
		25	25	14.70	14.76	14.75	16
		50	0	14.77	14.84	14.82	16
	64QAM	1	0	14.94	14.88	14.51	16
		1	24	14.81	14.83	14.98	16
		1	49	14.89	14.74	14.97	16
		25	0	14.85	14.59	14.84	16
		25	12	14.86	14.86	14.70	16
		25	25	14.91	14.94	14.82	16
		50	0	14.75	14.64	14.73	16
	256QAM	1	0	14.94	14.72	14.72	16
		1	24	14.85	14.82	14.67	16
		1	49	14.85	14.86	14.53	16
		25	0	14.89	14.69	14.63	16
		25	12	14.60	14.80	14.73	16
		25	25	14.80	14.56	14.69	16
		50	0	14.81	14.73	14.98	16
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	15.08	15.01	15.05	16
		1	12	14.98	15.11	14.95	16
		1	24	14.90	14.84	15.04	16
		12	0	14.95	15.00	15.10	16
		12	8	14.76	14.86	15.01	16
		12	13	14.85	14.84	14.93	16
		25	0	15.02	**15.13**	14.92	16
	16QAM	1	0	14.71	14.96	14.90	16
		1	12	14.75	14.79	14.68	16
		1	24	14.98	14.86	14.77	16
		12	0	14.83	14.63	14.91	16
		12	6	14.84	14.72	14.73	16
		12	13	14.78	14.76	14.62	16
		25	0	14.73	14.92	14.76	16
	64QAM	1	0	14.90	14.81	14.55	16
		1	12	14.79	14.86	15.05	16
		1	24	14.96	14.80	15.01	16
		12	0	14.90	14.56	14.72	16
		12	6	14.87	14.89	14.69	16
		12	13	14.90	14.92	14.78	16
		25	0	14.87	14.65	14.73	16
	256QAM	1	0	14.90	14.73	14.80	16
		1	12	14.83	14.78	14.65	16
		1	24	14.93	14.85	14.57	16
		12	0	14.95	14.72	14.69	16
		12	6	14.73	14.85	14.65	16
		12	13	14.75	14.58	14.62	16
		25	0	14.92	14.65	15.03	16

LTE Band 7_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	16.95	16.89	16.99	18.5
		1	50	17.04	**17.27**	17.08	18.5
		1	99	16.86	16.95	16.96	18.5
		50	0	16.96	17.24	17.01	18.5
		50	25	16.99	16.99	17.01	18.5
		50	50	16.82	16.70	16.88	18.5
		100	0	16.98	17.09	16.80	18.5
	16QAM	1	0	16.69	17.05	16.77	18.5
		1	50	16.80	16.99	16.79	18.5
		1	99	16.98	16.76	16.82	18.5
		50	0	16.81	16.61	16.96	18.5
		50	25	16.83	16.67	16.86	18.5
		50	50	16.85	16.72	16.66	18.5
		100	0	16.75	16.68	16.78	18.5
	64QAM	1	0	16.92	16.86	16.71	18.5
		1	50	16.69	16.84	16.92	18.5
		1	99	16.94	16.77	16.81	18.5
		50	0	16.88	16.68	16.74	18.5
		50	25	16.81	17.06	16.66	18.5
		50	50	16.96	17.06	16.92	18.5
		100	0	16.83	16.76	16.70	18.5
	256QAM	1	0	16.92	16.76	16.60	18.5
		1	50	16.86	16.89	16.69	18.5
		1	99	16.85	16.91	16.55	18.5
		50	0	16.91	16.61	16.70	18.5
		50	25	16.76	16.66	16.57	18.5
		50	50	16.85	16.63	16.73	18.5
		100	0	16.90	16.85	17.08	18.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	16.91	16.79	16.87	18.5
		1	37	17.02	**17.15**	16.93	18.5
		1	74	16.79	16.82	16.82	18.5
		36	0	16.95	17.13	16.95	18.5
		36	19	16.96	16.93	16.87	18.5
		36	39	16.75	16.66	16.77	18.5
		75	0	16.93	16.96	16.73	18.5
	16QAM	1	0	16.61	16.98	16.63	18.5
		1	37	16.69	16.96	16.74	18.5
		1	74	16.90	16.70	16.74	18.5
		36	0	16.69	16.59	16.91	18.5
		36	19	16.79	16.54	16.71	18.5
		36	39	16.81	16.60	16.54	18.5
		75	0	16.66	16.62	16.74	18.5
	64QAM	1	0	16.85	16.76	16.63	18.5
		1	37	16.64	16.74	16.80	18.5
		1	74	16.90	16.69	16.76	18.5
		36	0	16.76	16.54	16.71	18.5
		36	19	16.72	17.02	16.63	18.5
		36	39	16.94	16.99	16.80	18.5
		75	0	16.68	16.67	16.55	18.5
	256QAM	1	0	16.87	16.62	16.59	18.5
		1	37	16.77	16.80	16.62	18.5
		1	74	16.82	16.85	16.55	18.5
		36	0	16.77	16.50	16.58	18.5
		36	19	16.65	16.61	16.62	18.5
		36	39	16.83	16.61	16.61	18.5
		75	0	16.86	16.83	17.00	18.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	16.93	16.82	16.91	18.5
		1	24	16.95	**17.20**	17.03	18.5
		1	49	16.83	16.92	16.82	18.5
		25	0	16.90	17.19	16.92	18.5
		25	12	16.89	16.97	16.95	18.5
		25	25	16.69	16.62	16.84	18.5
		50	0	16.85	17.05	16.79	18.5
	16QAM	1	0	16.57	17.00	16.71	18.5
		1	24	16.70	16.94	16.65	18.5
		1	49	16.90	16.73	16.80	18.5
		25	0	16.69	16.59	16.85	18.5
		25	12	16.77	16.54	16.84	18.5
		25	25	16.77	16.60	16.61	18.5
		50	0	16.60	16.61	16.74	18.5
	64QAM	1	0	16.80	16.73	16.56	18.5
		1	24	16.59	16.78	16.90	18.5
		1	49	16.81	16.72	16.73	18.5
		25	0	16.84	16.63	16.73	18.5
		25	12	16.77	16.94	16.58	18.5
		25	25	16.83	16.98	16.80	18.5
		50	0	16.82	16.71	16.55	18.5
	256QAM	1	0	16.78	16.61	16.60	18.5
		1	24	16.83	16.86	16.61	18.5
		1	49	16.74	16.86	16.60	18.5
		25	0	16.81	16.53	16.67	18.5
		25	12	16.72	16.58	16.58	18.5
		25	25	16.74	16.61	16.66	18.5
		50	0	16.80	16.70	17.06	18.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	16.92	16.80	16.93	18.5
		1	12	17.02	**17.18**	16.97	18.5
		1	24	16.85	16.80	16.90	18.5
		12	0	16.87	17.17	16.87	18.5
		12	6	16.97	16.84	16.90	18.5
		12	13	16.75	16.64	16.86	18.5
		25	0	16.89	17.07	16.65	18.5
	16QAM	1	0	16.64	17.01	16.76	18.5
		1	12	16.72	16.96	16.77	18.5
		1	24	16.85	16.68	16.69	18.5
		12	0	16.73	16.59	16.93	18.5
		12	6	16.80	16.65	16.71	18.5
		12	13	16.75	16.62	16.57	18.5
		25	0	16.65	16.66	16.63	18.5
	64QAM	1	0	16.84	16.84	16.67	18.5
		1	12	16.57	16.76	16.87	18.5
		1	24	16.92	16.71	16.75	18.5
		12	0	16.75	16.54	16.61	18.5
		12	6	16.71	16.97	16.52	18.5
		12	13	16.91	16.94	16.79	18.5
		25	0	16.76	16.70	16.58	18.5
	256QAM	1	0	16.91	16.63	16.51	18.5
		1	12	16.83	16.75	16.64	18.5
		1	24	16.76	16.89	16.56	18.5
		12	0	16.77	16.60	16.58	18.5
		12	6	16.61	16.65	16.54	18.5
		12	13	16.83	16.61	16.62	18.5
		25	0	16.87	16.77	17.04	18.5

CE LTE_DSI1

LTE Band 7_Ant4							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20650	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	13.38	13.21	13.28	15
		1	50	13.56	**13.65**	13.42	15
		1	99	13.33	13.22	13.21	15
		50	0	13.24	13.59	13.38	15
		50	25	13.32	13.39	13.25	15
		50	50	13.36	13.13	13.17	15
		100	0	13.30	13.36	13.18	15
	16QAM	1	0	13.11	13.47	13.24	15
		1	50	13.19	13.33	13.23	15
		1	99	13.22	13.27	13.24	15
		50	0	13.15	13.25	13.28	15
		50	25	13.17	13.19	13.24	15
		50	50	13.13	13.25	13.23	15
		100	0	13.22	13.21	13.21	15
	64QAM	1	0	13.43	13.37	13.11	15
		1	50	13.16	13.27	13.26	15
		1	99	13.28	13.01	13.22	15
		50	0	13.27	13.26	13.17	15
		50	25	13.10	13.41	13.05	15
		50	50	13.31	13.28	13.36	15
		100	0	13.31	13.28	13.19	15
	256QAM	1	0	13.28	13.49	13.48	15
		1	50	13.30	13.36	13.53	15
		1	99	13.17	13.34	13.40	15
		50	0	13.23	13.34	13.12	15
		50	25	13.16	13.25	13.44	15
		50	50	13.20	13.27	13.48	15
		100	0	13.25	13.04	13.32	15
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	13.32	13.14	13.14	15
		1	37	13.53	**13.60**	13.33	15
		1	74	13.23	13.17	13.08	15
		36	0	13.16	13.44	13.28	15
		36	19	13.22	13.28	13.12	15
		36	39	13.23	13.10	13.14	15
		75	0	13.19	13.28	13.15	15
	16QAM	1	0	13.08	13.43	13.17	15
		1	37	13.06	13.20	13.21	15
		1	74	13.11	13.19	13.23	15
		36	0	13.05	13.19	13.18	15
		36	19	13.16	13.08	13.20	15
		36	39	13.12	13.16	13.14	15
		75	0	13.10	13.08	13.19	15
	64QAM	1	0	13.39	13.24	13.17	15
		1	37	13.01	13.13	13.21	15
		1	74	13.15	13.16	13.10	15
		36	0	13.12	13.15	13.03	15
		36	19	13.03	13.33	13.03	15
		36	39	13.24	13.16	13.24	15
		75	0	13.30	13.27	13.09	15
	256QAM	1	0	13.24	13.34	13.38	15
		1	37	13.16	13.22	13.42	15
		1	74	13.04	13.26	13.26	15
		36	0	13.18	13.31	13.07	15
		36	19	13.13	13.12	13.35	15
		36	39	13.05	13.25	13.43	15
		75	0	13.18	13.13	13.29	15
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	13.31	13.18	13.17	15
		1	24	13.45	13.52	13.32	15
		1	49	13.22	13.13	13.19	15
		25	0	13.09	**13.54**	13.26	15
		25	12	13.27	13.38	13.22	15
		25	25	13.23	13.04	13.10	15
		50	0	13.20	13.27	13.13	15
	16QAM	1	0	13.02	13.35	13.21	15
		1	24	13.07	13.27	13.11	15
		1	49	13.08	13.24	13.14	15
		25	0	13.03	13.24	13.23	15
		25	12	13.15	13.09	13.09	15
		25	25	13.08	13.16	13.10	15
		50	0	13.08	13.12	13.19	15
	64QAM	1	0	13.34	13.28	13.18	15
		1	24	13.05	13.14	13.23	15
		1	49	13.17	13.14	13.21	15
		25	0	13.23	13.21	13.05	15
		25	12	13.20	13.26	13.19	15
		25	25	13.30	13.23	13.32	15
		50	0	13.29	13.22	13.12	15
	256QAM	1	0	13.23	13.47	13.46	15
		1	24	13.24	13.23	13.38	15
		1	49	13.16	13.29	13.38	15
		25	0	13.13	13.32	13.07	15
		25	12	13.05	13.16	13.30	15
		25	25	13.11	13.25	13.37	15
		50	0	13.18	13.03	13.30	15
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	13.36	13.18	13.18	15
		1	12	13.51	13.53	13.29	15
		1	24	13.29	13.19	13.10	15
		12	0	13.15	**13.55**	13.30	15
		12	6	13.23	13.27	13.19	15
		12	13	13.33	13.03	13.11	15
		25	0	13.16	13.33	13.04	15
	16QAM	1	0	13.06	13.40	13.17	15
		1	12	13.14	13.32	13.11	15
		1	24	13.13	13.15	13.18	15
		12	0	13.11	13.22	13.23	15
		12	6	13.14	13.07	13.23	15
		12	13	13.02	13.23	13.12	15
		25	0	13.20	13.20	13.17	15
	64QAM	1	0	13.31	13.33	13.19	15
		1	12	13.08	13.12	13.23	15
		1	24	13.17	13.08	13.21	15
		12	0	13.26	13.11	13.12	15
		12	6	13.01	13.28	13.14	15
		12	13	13.21	13.17	13.21	15
		25	0	13.29	13.26	13.10	15
	256QAM	1	0	13.21	13.34	13.41	15
		1	12	13.19	13.23	13.38	15
		1	24	13.16	13.33	13.37	15
		12	0	13.10	13.23	13.02	15
		12	6	13.11	13.16	13.31	15
		12	13	13.08	13.17	13.46	15
		25	0	13.18	13.11	13.20	15

LTE Band 7_Ant4 For ENDC							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	12.95	12.74	12.87	14.5
		1	50	13.07	**13.28**	12.99	14.5
		1	99	12.90	12.85	12.79	14.5
		50	0	12.77	13.22	12.92	14.5
		50	25	12.86	12.90	12.84	14.5
		50	50	12.97	12.74	12.73	14.5
		100	0	12.91	12.94	12.80	14.5
	16QAM	1	0	12.61	13.10	12.83	14.5
		1	50	12.79	12.85	12.72	14.5
		1	99	12.77	12.80	12.85	14.5
		50	0	12.77	12.85	12.91	14.5
		50	25	12.74	12.82	12.78	14.5
		50	50	12.71	12.79	12.83	14.5
		100	0	12.83	12.72	12.73	14.5
	64QAM	1	0	13.05	12.92	12.71	14.5
		1	50	12.70	12.86	12.76	14.5
		1	99	12.78	12.55	12.75	14.5
		50	0	12.86	12.84	12.66	14.5
		50	25	12.68	12.95	12.66	14.5
		50	50	12.84	12.83	12.94	14.5
		100	0	12.91	12.86	12.78	14.5
	256QAM	1	0	12.83	13.09	13.04	14.5
		1	50	12.79	12.97	13.16	14.5
		1	99	12.78	12.88	12.95	14.5
		50	0	12.77	12.86	12.68	14.5
		50	25	12.73	12.88	13.00	14.5
		50	50	12.70	12.81	13.05	14.5
		100	0	12.75	12.62	12.93	14.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	12.81	12.71	12.80	14.5
		1	37	13.04	**13.13**	12.93	14.5
		1	74	12.88	12.74	12.66	14.5
		36	0	12.68	13.12	12.77	14.5
		36	19	12.73	12.81	12.71	14.5
		36	39	12.94	12.59	12.60	14.5
		75	0	12.85	12.80	12.79	14.5
	16QAM	1	0	12.79	13.08	12.78	14.5
		1	37	12.70	12.81	12.58	14.5
		1	74	12.67	12.75	12.70	14.5
		36	0	12.67	12.71	12.83	14.5
		36	19	12.73	12.68	12.70	14.5
		36	39	12.58	12.73	12.69	14.5
		75	0	12.74	12.69	12.62	14.5
	64QAM	1	0	13.02	12.86	12.62	14.5
		1	37	12.65	12.82	12.75	14.5
		1	74	12.70	12.79	12.72	14.5
		36	0	12.77	12.79	12.62	14.5
		36	19	12.55	12.84	12.60	14.5
		36	39	12.71	12.69	12.90	14.5
		75	0	12.83	12.76	12.63	14.5
	256QAM	1	0	12.72	13.00	13.03	14.5
		1	37	12.77	12.95	13.02	14.5
		1	74	12.68	12.84	12.92	14.5
		36	0	12.63	12.75	12.53	14.5
		36	19	12.59	12.81	12.99	14.5
		36	39	12.58	12.70	12.95	14.5
		75	0	12.72	12.59	12.80	14.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	12.86	12.69	12.84	14.5
		1	24	12.96	13.10	12.97	14.5
		1	49	12.89	12.78	12.73	14.5
		25	0	12.62	**13.20**	12.78	14.5
		25	12	12.77	12.79	12.81	14.5
		25	25	12.87	12.65	12.71	14.5
		50	0	12.90	12.91	12.71	14.5
	16QAM	1	0	12.52	13.03	12.76	14.5
		1	24	12.67	12.74	12.63	14.5
		1	49	12.73	12.75	12.76	14.5
		25	0	12.63	12.73	12.90	14.5
		25	12	12.65	12.69	12.69	14.5
		25	25	12.57	12.69	12.80	14.5
		50	0	12.70	12.62	12.66	14.5
	64QAM	1	0	12.96	12.78	12.70	14.5
		1	24	12.64	12.80	12.63	14.5
		1	49	12.66	12.87	12.61	14.5
		25	0	12.79	12.69	12.63	14.5
		25	12	12.59	12.90	12.59	14.5
		25	25	12.72	12.77	12.85	14.5
		50	0	12.77	12.83	12.64	14.5
	256QAM	1	0	12.79	12.97	13.03	14.5
		1	24	12.73	12.92	13.02	14.5
		1	49	12.75	12.78	12.92	14.5
		25	0	12.69	12.73	12.61	14.5
		25	12	12.62	12.74	12.99	14.5
		25	25	12.60	12.77	12.95	14.5
		50	0	12.62	12.53	12.79	14.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	12.86	12.66	12.84	14.5
		1	12	13.01	**13.17**	12.91	14.5
		1	24	12.84	12.74	12.73	14.5
		12	0	12.66	13.07	12.82	14.5
		12	6	12.82	12.86	12.80	14.5
		12	13	12.83	12.60	12.70	14.5
		25	0	12.78	12.84	12.75	14.5
	16QAM	1	0	12.96	13.00	12.71	14.5
		1	12	12.73	12.73	12.63	14.5
		1	24	12.66	12.67	12.81	14.5
		12	0	12.71	12.82	12.78	14.5
		12	6	12.73	12.70	12.71	14.5
		12	13	12.59	12.70	12.77	14.5
		25	0	12.68	12.61	12.65	14.5
	64QAM	1	0	12.91	12.87	12.69	14.5
		1	12	12.61	12.71	12.64	14.5
		1	24	12.66	12.51	12.61	14.5
		12	0	12.75	12.75	12.56	14.5
		12	6	12.58	12.91	12.58	14.5
		12	13	12.75	12.76	12.81	14.5
		25	0	12.89	12.72	12.70	14.5
	256QAM	1	0	12.78	13.02	12.89	14.5
		1	12	12.76	12.82	13.15	14.5
		1	24	12.67	12.77	12.83	14.5
		12	0	12.69	12.78	12.67	14.5
		12	6	12.71	12.82	12.94	14.5
		12	13	12.66	12.70	13.04	14.5
		25	0	12.64	12.93	12.87	14.5

CE LTE_DSI1

LTE Band 38_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	23.70	**23.75**	23.62	24.5
		1	50	23.52	23.52	23.46	24.5
		1	99	23.46	23.45	23.22	24.5
		50	0	22.78	22.76	22.72	23.5
		50	25	22.59	22.70	22.66	23.5
		50	50	22.55	22.73	22.72	23.5
		100	0	22.60	22.64	22.51	23.5
	16QAM	1	0	22.53	22.37	22.38	23.5
		1	50	22.65	22.46	22.51	23.5
		1	99	22.52	22.42	22.43	23.5
		50	0	21.79	21.70	21.61	22.5
		50	25	21.67	21.69	21.56	22.5
		50	50	21.62	21.64	21.48	22.5
		100	0	21.72	21.59	21.68	22.5
	64QAM	1	0	21.96	21.75	21.93	22.5
		1	50	21.80	21.68	21.68	22.5
		1	99	21.59	21.43	21.42	22.5
		50	0	20.75	20.63	20.72	21.5
		50	25	20.76	20.74	20.76	21.5
		50	50	20.73	20.68	20.61	21.5
		100	0	20.68	20.73	20.55	21.5
	256QAM	1	0	18.75	18.67	18.64	19.5
		1	50	18.77	18.67	18.70	19.5
		1	99	18.45	18.38	18.29	19.5
		50	0	18.74	18.63	18.73	19.5
		50	25	18.73	18.62	18.66	19.5
		50	50	18.73	18.73	18.50	19.5
		100	0	18.63	18.61	18.62	19.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	**23.65**	23.64	23.48	24.5
		1	37	23.51	23.47	23.38	24.5
		1	74	23.31	23.37	23.10	24.5
		36	0	22.63	22.66	22.64	23.5
		36	19	22.44	22.59	22.55	23.5
		36	39	22.41	22.69	22.60	23.5
		75	0	22.47	22.59	22.39	23.5
	16QAM	1	0	22.49	22.30	22.31	23.5
		1	37	22.60	22.44	22.40	23.5
		1	74	22.44	22.37	22.40	23.5
		36	0	21.70	21.56	21.56	22.5
		36	19	21.63	21.54	21.42	22.5
		36	39	21.54	21.63	21.33	22.5
		75	0	21.68	21.56	21.54	22.5
	64QAM	1	0	21.83	21.60	21.84	22.5
		1	37	21.76	21.65	21.61	22.5
		1	74	21.48	21.32	21.30	22.5
		36	0	20.70	20.48	20.62	21.5
		36	19	20.67	20.71	20.74	21.5
		36	39	20.61	20.53	20.59	21.5
		75	0	20.62	20.59	20.46	21.5
	256QAM	1	0	18.66	18.52	18.62	19.5
		1	37	18.71	18.54	18.68	19.5
		1	74	18.38	18.35	18.14	19.5
		36	0	18.63	18.51	18.64	19.5
		36	19	18.59	18.60	18.65	19.5
		36	39	18.70	18.59	18.45	19.5
		75	0	18.54	18.56	18.52	19.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	23.61	**23.64**	23.49	24.5
		1	24	23.46	23.38	23.35	24.5
		1	49	23.39	23.43	23.09	24.5
		25	0	22.69	22.68	22.66	23.5
		25	12	22.51	22.58	22.52	23.5
		25	25	22.47	22.61	22.69	23.5
		50	0	22.47	22.52	22.43	23.5
	16QAM	1	0	22.43	22.36	22.37	23.5
		1	24	22.52	22.44	22.38	23.5
		1	49	22.41	22.32	22.31	23.5
		25	0	21.68	21.63	21.56	22.5
		25	12	21.66	21.58	21.43	22.5
		25	25	21.50	21.49	21.36	22.5
		50	0	21.60	21.57	21.66	22.5
	64QAM	1	0	21.93	21.68	21.85	22.5
		1	24	21.71	21.64	21.54	22.5
		1	49	21.57	21.32	21.32	22.5
		25	0	20.69	20.53	20.58	21.5
		25	12	20.70	20.64	20.63	21.5
		25	25	20.70	20.62	20.60	21.5
		50	0	20.57	20.64	20.47	21.5
	256QAM	1	0	18.60	18.64	18.52	19.5
		1	24	18.73	18.54	18.63	19.5
		1	49	18.32	18.34	18.22	19.5
		25	0	18.63	18.48	18.65	19.5
		25	12	18.68	18.53	18.51	19.5
		25	25	18.72	18.69	18.48	19.5
		50	0	18.51	18.58	18.57	19.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	23.61	**23.65**	23.54	24.5
		1	12	23.37	23.40	23.38	24.5
		1	24	23.40	23.30	23.16	24.5
		12	0	22.70	22.68	22.70	23.5
		12	6	22.54	22.66	22.59	23.5
		12	13	22.51	22.62	22.60	23.5
		25	0	22.48	22.52	22.38	23.5
	16QAM	1	0	22.49	22.33	22.29	23.5
		1	12	22.62	22.35	22.39	23.5
		1	24	22.48	22.31	22.31	23.5
		12	0	21.67	21.68	21.49	22.5
		12	6	21.52	21.59	21.52	22.5
		12	13	21.48	21.61	21.37	22.5
		25	0	21.66	21.49	21.59	22.5
	64QAM	1	0	21.91	21.73	21.86	22.5
		1	12	21.73	21.64	21.61	22.5
		1	24	21.48	21.39	21.30	22.5
		12	0	20.63	20.48	20.68	21.5
		12	6	20.66	20.65	20.65	21.5
		12	13	20.62	20.61	20.50	21.5
		25	0	20.65	20.69	20.47	21.5
	256QAM	1	0	18.69	18.52	18.49	19.5
		1	12	18.68	18.56	18.62	19.5
		1	24	18.35	18.33	18.21	19.5
		12	0	18.66	18.50	18.62	19.5
		12	6	18.59	18.47	18.54	19.5
		12	13	18.60	18.63	18.42	19.5
		25	0	18.49	18.49	18.54	19.5

LTE Band 38_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	17.99	17.89	17.94	19
		1	50	**18.20**	18.15	18.17	19
		1	99	17.76	17.90	17.95	19
		50	0	17.90	18.11	18.01	19
		50	25	18.03	18.01	18.02	19
		50	50	17.95	17.74	17.95	19
		100	0	18.08	18.03	17.76	19
	16QAM	1	0	17.73	18.04	18.08	19
		1	50	17.77	17.90	17.78	19
		1	99	17.80	17.79	17.96	19
		50	0	17.81	17.76	18.07	19
		50	25	17.91	17.80	17.97	19
		50	50	17.68	17.79	17.83	19
		100	0	17.92	17.70	17.95	19
	64QAM	1	0	18.05	17.99	17.76	19
		1	50	17.68	17.75	17.92	19
		1	99	17.81	17.81	17.96	19
		50	0	17.99	17.88	17.78	19
		50	25	17.82	18.08	17.67	19
		50	50	17.99	17.96	18.06	19
		100	0	18.02	17.97	18.12	19
	256QAM	1	0	17.98	17.94	17.95	19
		1	50	17.98	18.01	18.10	19
		1	99	17.89	17.94	17.95	19
		50	0	17.98	17.94	17.92	19
		50	25	17.78	17.75	18.01	19
		50	50	17.72	18.02	18.12	19
		100	0	18.02	17.81	18.11	19
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	17.98	17.78	17.91	19
		1	37	18.07	18.03	18.09	19
		1	74	17.73	17.86	17.88	19
		36	0	17.86	18.00	17.88	19
		36	19	17.90	17.95	17.89	19
		36	39	17.92	17.72	17.83	19
		75	0	17.99	17.94	17.74	19
	16QAM	1	0	17.72	18.03	18.04	19
		1	37	17.70	17.89	17.75	19
		1	74	17.79	17.66	17.83	19
		36	0	17.76	17.72	18.00	19
		36	19	17.81	17.66	17.93	19
		36	39	17.61	17.66	17.69	19
		75	0	17.91	17.60	17.84	19
	64QAM	1	0	17.99	17.92	17.74	19
		1	37	17.59	17.70	17.79	19
		1	74	17.80	17.73	17.81	19
		36	0	17.95	17.73	17.70	19
		36	19	17.80	18.05	17.53	19
		36	39	17.84	17.91	17.97	19
		75	0	18.00	17.96	**18.09**	19
	256QAM	1	0	17.87	17.79	17.89	19
		1	37	17.96	17.95	17.98	19
		1	74	17.76	17.85	17.80	19
		36	0	17.88	17.93	17.81	19
		36	19	17.65	17.70	17.95	19
		36	39	17.60	17.87	18.06	19
		75	0	17.98	17.70	17.98	19
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	17.98	17.87	17.90	19
		1	24	**18.14**	18.08	18.06	19
		1	49	17.66	17.84	17.91	19
		25	0	17.79	18.07	17.90	19
		25	12	17.96	17.88	17.96	19
		25	25	17.86	17.69	17.85	19
		50	0	17.99	17.91	17.61	19
	16QAM	1	0	17.59	17.95	18.07	19
		1	24	17.65	17.78	17.73	19
		1	49	17.79	17.64	17.90	19
		25	0	17.80	17.66	18.02	19
		25	12	17.86	17.65	17.87	19
		25	25	17.58	17.72	17.80	19
		50	0	17.80	17.59	17.86	19
	64QAM	1	0	18.00	17.91	17.69	19
		1	24	17.53	17.72	17.82	19
		1	49	17.77	17.68	17.92	19
		25	0	17.85	17.83	17.71	19
		25	12	17.77	17.97	17.62	19
		25	25	17.95	17.85	18.00	19
		50	0	17.94	17.87	18.09	19
	256QAM	1	0	17.97	17.79	17.85	19
		1	24	17.85	17.95	18.03	19
		1	49	17.80	17.88	17.86	19
		25	0	17.85	17.83	17.90	19
		25	12	17.67	17.64	17.88	19
		25	25	17.62	17.89	17.98	19
		50	0	17.93	17.70	18.04	19
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	17.87	17.84	17.87	19
		1	12	18.05	**18.10**	18.08	19
		1	24	17.75	17.80	17.83	19
		12	0	17.77	18.05	17.88	19
		12	6	18.00	17.88	17.94	19
		12	13	17.81	17.62	17.90	19
		25	0	18.04	17.97	17.67	19
	16QAM	1	0	17.58	18.02	17.96	19
		1	12	17.73	17.79	17.69	19
		1	24	17.77	17.66	17.90	19
		12	0	17.72	17.65	17.98	19
		12	6	17.77	17.73	17.87	19
		12	13	17.56	17.69	17.71	19
		25	0	17.78	17.61	17.84	19
	64QAM	1	0	17.98	17.95	17.64	19
		1	12	17.57	17.60	17.84	19
		1	24	17.76	17.80	17.93	19
		12	0	17.88	17.73	17.76	19
		12	6	17.70	17.98	17.59	19
		12	13	17.88	17.93	18.05	19
		25	0	17.93	17.92	18.08	19
	256QAM	1	0	17.87	17.93	17.84	19
		1	12	17.83	17.99	18.01	19
		1	24	17.85	17.84	17.83	19
		12	0	17.87	17.87	17.77	19
		12	6	17.72	17.67	17.86	19
		12	13	17.58	17.95	18.10	19
		25	0	17.91	17.73	17.99	19

LTE Band 38_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	**20.86**	20.75	20.75	21.5
		1	50	20.77	20.84	20.68	21.5
		1	99	20.49	20.58	20.66	21.5
		50	0	20.52	20.70	20.72	21.5
		50	25	20.60	20.71	20.57	21.5
		50	50	20.61	20.43	20.46	21.5
		100	0	20.58	20.65	20.45	21.5
	16QAM	1	0	20.22	20.74	20.60	21.5
		1	50	20.55	20.66	20.41	21.5
		1	99	20.61	20.38	20.62	21.5
		50	0	20.35	20.40	20.65	21.5
		50	25	20.47	20.46	20.55	21.5
		50	50	20.37	20.32	20.45	21.5
		100	0	20.58	20.41	20.56	21.5
	64QAM	1	0	20.61	20.51	20.39	21.5
		1	50	20.27	20.46	20.57	21.5
		1	99	20.48	20.39	20.53	21.5
		50	0	20.45	20.52	20.38	21.5
		50	25	20.42	20.70	20.44	21.5
		50	50	20.58	20.70	20.54	21.5
		100	0	20.61	20.67	20.65	21.5
	256QAM	1	0	19.50	19.67	19.60	20.5
		1	50	19.60	19.76	19.53	20.5
		1	99	19.33	19.43	19.50	20.5
		50	0	19.68	19.71	19.56	20.5
		50	25	19.68	19.61	19.60	20.5
		50	50	19.37	19.64	19.60	20.5
		100	0	19.50	19.68	19.69	20.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	**20.80**	20.65	20.69	21.5
		1	37	20.68	20.72	20.67	21.5
		1	74	20.41	20.45	20.55	21.5
		36	0	20.46	20.61	20.65	21.5
		36	19	20.49	20.68	20.55	21.5
		36	39	20.50	20.33	20.32	21.5
		75	0	20.54	20.63	20.30	21.5
	16QAM	1	0	20.15	20.71	20.49	21.5
		1	37	20.44	20.58	20.36	21.5
		1	74	20.57	20.24	20.49	21.5
		36	0	20.23	20.35	20.57	21.5
		36	19	20.46	20.32	20.53	21.5
		36	39	20.22	20.17	20.36	21.5
		75	0	20.54	20.31	20.50	21.5
	64QAM	1	0	20.49	20.40	20.36	21.5
		1	37	20.21	20.37	20.54	21.5
		1	74	20.47	20.28	20.42	21.5
		36	0	20.33	20.43	20.33	21.5
		36	19	20.36	20.67	20.41	21.5
		36	39	20.51	20.55	20.45	21.5
		75	0	20.55	20.63	20.53	21.5
	256QAM	1	0	19.40	19.59	19.45	20.5
		1	37	19.45	19.65	19.43	20.5
		1	74	19.28	19.37	19.43	20.5
		36	0	19.58	19.67	19.51	20.5
		36	19	19.65	19.60	19.51	20.5
		36	39	19.25	19.49	19.57	20.5
		75	0	19.44	19.64	19.64	20.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	**20.84**	20.65	20.72	21.5
		1	24	20.71	20.75	20.56	21.5
		1	49	20.43	20.47	20.54	21.5
		25	0	20.42	20.62	20.61	21.5
		25	12	20.58	20.61	20.50	21.5
		25	25	20.59	20.38	20.38	21.5
		50	0	20.53	20.55	20.40	21.5
	16QAM	1	0	20.19	20.72	20.49	21.5
		1	24	20.48	20.63	20.34	21.5
		1	49	20.47	20.27	20.48	21.5
		25	0	20.24	20.38	20.61	21.5
		25	12	20.46	20.45	20.46	21.5
		25	25	20.34	20.28	20.35	21.5
		50	0	20.48	20.40	20.43	21.5
	64QAM	1	0	20.60	20.48	20.28	21.5
		1	24	20.26	20.42	20.47	21.5
		1	49	20.44	20.31	20.40	21.5
		25	0	20.42	20.49	20.27	21.5
		25	12	20.27	20.66	20.31	21.5
		25	25	20.45	20.68	20.51	21.5
		50	0	20.47	20.57	20.55	21.5
	256QAM	1	0	19.47	19.57	19.54	20.5
		1	24	19.57	19.69	19.48	20.5
		1	49	19.31	19.30	19.38	20.5
		25	0	19.59	19.64	19.44	20.5
		25	12	19.59	19.59	19.50	20.5
		25	25	19.23	19.56	19.46	20.5
		50	0	19.35	19.57	19.64	20.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	20.72	20.61	20.69	21.5
		1	12	20.70	**20.73**	20.59	21.5
		1	24	20.35	20.48	20.61	21.5
		12	0	20.38	20.66	20.61	21.5
		12	6	20.53	20.58	20.46	21.5
		12	13	20.57	20.35	20.33	21.5
		25	0	20.47	20.59	20.40	21.5
	16QAM	1	0	20.09	20.64	20.52	21.5
		1	12	20.49	20.56	20.27	21.5
		1	24	20.47	20.27	20.54	21.5
		12	0	20.24	20.32	20.57	21.5
		12	6	20.43	20.38	20.40	21.5
		12	13	20.26	20.23	20.30	21.5
		25	0	20.57	20.33	20.55	21.5
	64QAM	1	0	20.50	20.39	20.33	21.5
		1	12	20.14	20.33	20.42	21.5
		1	24	20.46	20.36	20.50	21.5
		12	0	20.37	20.47	20.36	21.5
		12	6	20.31	20.58	20.38	21.5
		12	13	20.51	20.57	20.45	21.5
		25	0	20.55	20.63	20.57	21.5
	256QAM	1	0	19.47	19.57	19.54	20.5
		1	12	19.53	19.72	19.51	20.5
		1	24	19.18	19.39	19.43	20.5
		12	0	19.56	19.63	19.53	20.5
		12	6	19.56	19.49	19.56	20.5
		12	13	19.29	19.62	19.50	20.5
		25	0	19.44	19.54	19.62	20.5

LTE Band 38_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	15.34	15.39	15.43	17
		1	50	15.50	15.47	**15.64**	17
		1	99	15.53	15.44	15.34	17
		50	0	15.48	15.51	15.46	17
		50	25	15.44	15.46	15.36	17
		50	50	15.41	15.47	15.31	17
		100	0	15.38	15.48	15.45	17
	16QAM	1	0	15.07	15.49	15.30	17
		1	50	15.17	15.37	15.12	17
		1	99	15.24	15.17	15.37	17
		50	0	15.10	15.21	15.45	17
		50	25	15.20	15.21	15.41	17
		50	50	15.37	15.36	15.27	17
		100	0	15.28	15.38	15.36	17
	64QAM	1	0	15.42	15.33	15.10	17
		1	50	15.09	15.28	15.31	17
		1	99	15.25	15.16	15.28	17
		50	0	15.22	15.21	15.11	17
		50	25	15.15	15.41	15.18	17
		50	50	15.30	15.39	15.50	17
		100	0	15.40	15.44	15.41	17
	256QAM	1	0	15.45	15.33	15.29	17
		1	50	15.33	15.36	15.40	17
		1	99	15.26	15.31	15.41	17
		50	0	15.30	15.17	15.39	17
		50	25	15.22	15.15	15.38	17
		50	50	15.18	15.41	15.23	17
		100	0	15.31	15.20	15.44	17
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	15.28	15.35	15.42	17
		1	37	15.38	15.44	15.49	17
		1	74	**15.52**	15.39	15.24	17
		36	0	15.38	15.43	15.36	17
		36	19	15.30	15.34	15.25	17
		36	39	15.36	15.45	15.26	17
		75	0	15.34	15.34	15.39	17
	16QAM	1	0	15.22	15.37	15.29	17
		1	37	15.13	15.34	15.03	17
		1	74	15.14	15.03	15.36	17
		36	0	15.22	15.15	15.41	17
		36	19	15.09	15.16	15.27	17
		36	39	15.31	15.26	15.14	17
		75	0	15.26	15.27	15.28	17
	64QAM	1	0	15.40	15.30	15.05	17
		1	37	15.27	15.14	15.28	17
		1	74	15.15	15.01	15.13	17
		36	0	15.12	15.11	15.07	17
		36	19	15.01	15.32	15.05	17
		36	39	15.23	15.33	15.44	17
		75	0	15.26	15.32	15.31	17
	256QAM	1	0	15.39	15.23	15.18	17
		1	37	15.26	15.25	15.33	17
		1	74	15.12	15.22	15.31	17
		36	0	15.28	15.07	15.37	17
		36	19	15.10	15.06	15.23	17
		36	39	15.17	15.31	15.18	17
		75	0	15.17	15.08	15.42	17
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	15.27	15.31	15.42	17
		1	24	15.39	15.42	**15.50**	17
		1	49	15.42	15.34	15.26	17
		25	0	15.38	15.37	15.45	17
		25	12	15.39	15.34	15.28	17
		25	25	15.36	15.32	15.16	17
		50	0	15.28	15.42	15.31	17
	16QAM	1	0	15.22	15.34	15.22	17
		1	24	15.05	15.36	15.09	17
		1	49	15.13	15.11	15.28	17
		25	0	15.25	15.16	15.44	17
		25	12	15.15	15.12	15.33	17
		25	25	15.25	15.27	15.23	17
		50	0	15.20	15.33	15.31	17
	64QAM	1	0	15.30	15.28	15.26	17
		1	24	15.24	15.25	15.29	17
		1	49	15.21	15.04	15.25	17
		25	0	15.13	15.06	15.03	17
		25	12	15.08	15.27	15.17	17
		25	25	15.16	15.36	15.37	17
		50	0	15.39	15.30	15.36	17
	256QAM	1	0	15.34	15.28	15.26	17
		1	24	15.20	15.33	15.36	17
		1	49	15.11	15.24	15.26	17
		25	0	15.26	15.03	15.38	17
		25	12	15.21	15.09	15.23	17
		25	25	15.06	15.35	15.15	17
		50	0	15.19	15.12	15.37	17
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	15.31	15.28	15.37	17
		1	12	15.44	15.46	**15.61**	17
		1	24	15.40	15.36	15.22	17
		12	0	15.47	15.42	15.36	17
		12	6	15.31	15.41	15.25	17
		12	13	15.34	15.43	15.23	17
		25	0	15.26	15.39	15.34	17
	16QAM	1	0	15.19	15.34	15.22	17
		1	12	15.11	15.34	15.02	17
		1	24	15.18	15.08	15.30	17
		12	0	15.26	15.13	15.39	17
		12	6	15.13	15.18	15.37	17
		12	13	15.22	15.24	15.19	17
		25	0	15.27	15.23	15.28	17
	64QAM	1	0	15.33	15.32	15.04	17
		1	12	15.08	15.27	15.30	17
		1	24	15.13	15.05	15.25	17
		12	0	15.10	15.11	15.24	17
		12	6	15.11	15.35	15.06	17
		12	13	15.17	15.25	15.43	17
		25	0	15.37	15.36	15.39	17
	256QAM	1	0	15.34	15.27	15.26	17
		1	12	15.32	15.32	15.38	17
		1	24	15.23	15.17	15.26	17
		12	0	15.16	15.07	15.28	17
		12	6	15.14	15.09	15.26	17
		12	13	15.13	15.32	15.21	17
		25	0	15.22	15.08	15.40	17

CE LTE_DSI1

LTE Band 41_Ant0

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	**23.78**	23.72	23.74	23.51	23.30	24.5
		1	50	23.62	23.54	23.74	23.37	23.21	24.5
		1	99	23.57	23.54	23.48	23.25	23.22	24.5
		50	0	22.79	22.73	22.84	22.38	22.45	23.5
		50	25	22.82	22.71	22.75	22.42	22.27	23.5
		50	50	22.82	22.59	22.72	22.38	22.37	23.5
		100	0	22.81	22.71	22.79	22.41	22.36	23.5
	16QAM	1	0	22.84	22.64	22.65	22.13	22.22	23.5
		1	50	22.75	22.74	22.71	22.24	22.33	23.5
		1	99	22.55	22.43	22.46	22.09	22.19	23.5
		50	0	21.83	21.65	21.76	21.16	21.31	22.5
		50	25	21.73	21.81	21.75	21.36	21.38	22.5
		50	50	21.70	21.68	21.78	21.33	21.38	22.5
		100	0	21.83	21.72	21.80	21.26	21.34	22.5
	64QAM	1	0	21.80	21.74	21.79	21.11	21.32	22.5
		1	50	21.82	21.74	21.83	21.17	21.38	22.5
		1	99	21.65	21.65	21.63	21.13	21.25	22.5
		50	0	20.89	20.81	20.89	20.19	20.39	21.5
		50	25	20.74	20.79	20.72	20.30	20.39	21.5
		50	50	20.66	20.58	20.71	20.19	20.26	21.5
		100	0	20.72	20.55	20.71	20.06	20.29	21.5
	256QAM	1	0	18.82	18.61	18.79	18.20	18.34	19.5
		1	50	18.75	18.71	18.73	18.39	18.53	19.5
		1	99	18.54	18.51	18.41	18.17	18.29	19.5
		50	0	18.76	18.60	18.67	18.29	18.42	19.5
		50	25	18.80	18.62	18.62	18.17	18.36	19.5
		50	50	18.77	18.46	18.59	18.30	18.24	19.5
		100	0	18.79	18.46	18.72	18.32	18.39	19.5
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	**23.73**	23.58	23.70	23.43	23.29	24.5
		1	37	23.58	23.44	23.69	23.41	23.18	24.5
		1	74	23.43	23.41	23.35	23.25	23.15	24.5
		36	0	22.73	22.71	22.82	22.40	22.35	23.5
		36	19	22.72	22.69	22.69	22.35	22.16	23.5
		36	39	22.73	22.49	22.58	22.29	22.35	23.5
		75	0	22.77	22.66	22.69	22.42	22.31	23.5
	16QAM	1	0	22.81	22.55	22.51	22.12	22.10	23.5
		1	37	22.72	22.60	22.63	22.25	22.30	23.5
		1	74	22.50	22.31	22.33	22.18	22.13	23.5
		36	0	21.77	21.60	21.68	21.25	21.22	22.5
		36	19	21.61	21.79	21.72	21.41	21.35	22.5
		36	39	21.58	21.58	21.76	21.34	21.37	22.5
		75	0	21.81	21.70	21.65	21.18	21.29	22.5
	64QAM	1	0	21.71	21.69	21.75	21.08	21.26	22.5
		1	37	21.79	21.66	21.73	21.21	21.34	22.5
		1	74	21.50	21.60	21.51	21.15	21.22	22.5
		36	0	20.85	20.79	20.87	20.28	20.30	21.5
		36	19	20.59	20.68	20.58	20.34	20.26	21.5
		36	39	20.52	20.47	20.64	20.28	20.21	21.5
		75	0	20.71	20.42	20.70	20.14	20.18	21.5
	256QAM	1	0	18.71	18.52	18.76	18.25	18.21	19.5
		1	37	18.70	18.66	18.59	18.32	18.38	19.5
		1	74	18.39	18.41	18.26	18.24	18.15	19.5
		36	0	18.68	18.55	18.61	18.24	18.32	19.5
		36	19	18.76	18.58	18.53	18.20	18.27	19.5
		36	39	18.71	18.34	18.49	18.22	18.12	19.5
		75	0	18.73	18.40	18.64	18.30	18.25	19.5
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	**23.77**	23.61	23.59	23.37	23.22	24.5
		1	24	23.51	23.46	23.60	23.44	23.18	24.5
		1	49	23.55	23.52	23.44	23.26	23.15	24.5
		25	0	22.66	22.58	22.69	22.34	22.31	23.5
		25	12	22.77	22.68	22.72	22.42	22.20	23.5
		25	25	22.74	22.51	22.65	22.31	22.28	23.5
		50	0	22.80	22.63	22.70	22.36	22.34	23.5
	16QAM	1	0	22.70	22.59	22.51	22.17	22.19	23.5
		1	24	22.74	22.62	22.59	22.32	22.22	23.5
		1	49	22.44	22.38	22.43	22.08	22.07	23.5
		25	0	21.77	21.62	21.75	21.19	21.28	22.5
		25	12	21.61	21.68	21.74	21.37	21.30	22.5
		25	25	21.60	21.56	21.73	21.29	21.26	22.5
		50	0	21.82	21.61	21.79	21.25	21.25	22.5
	64QAM	1	0	21.67	21.72	21.70	21.20	21.22	22.5
		1	24	21.72	21.65	21.77	21.25	21.29	22.5
		1	49	21.58	21.56	21.53	21.12	21.15	22.5
		25	0	20.74	20.72	20.74	20.17	20.28	21.5
		25	12	20.60	20.78	20.62	20.34	20.36	21.5
		25	25	20.60	20.47	20.72	20.19	20.28	21.5
		50	0	20.61	20.46	20.67	20.06	20.28	21.5
	256QAM	1	0	18.72	18.47	18.65	18.23	18.22	19.5
		1	24	18.68	18.64	18.66	18.33	18.50	19.5
		1	49	18.44	18.49	18.32	18.17	18.27	19.5
		25	0	18.65	18.52	18.60	18.21	18.37	19.5
		25	12	18.67	18.51	18.49	18.22	18.35	19.5
		25	25	18.68	18.38	18.54	18.23	18.15	19.5
		50	0	18.68	18.43	18.63	18.40	18.30	19.5
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	23.65	23.57	**23.68**	23.49	23.21	24.5
		1	12	23.51	23.48	23.63	23.35	23.16	24.5
		1	24	23.50	23.39	23.38	23.14	23.11	24.5
		12	0	22.76	22.61	22.73	22.31	22.36	23.5
		12	6	22.71	22.56	22.74	22.33	22.12	23.5
		12	13	22.79	22.56	22.59	22.34	22.35	23.5
		25	0	22.76	22.57	22.68	22.34	22.31	23.5
	16QAM	1	0	22.75	22.61	22.59	22.22	22.07	23.5
		1	12	22.69	22.66	22.60	22.22	22.25	23.5
		1	24	22.46	22.28	22.34	22.09	22.06	23.5
		12	0	21.78	21.51	21.71	21.25	21.30	22.5
		12	6	21.69	21.78	21.64	21.32	21.28	22.5
		12	13	21.63	21.62	21.77	21.38	21.29	22.5
		25	0	21.68	21.68	21.67	21.22	21.24	22.5
	64QAM	1	0	21.78	21.71	21.77	21.12	21.18	22.5
		1	12	21.67	21.67	21.70	21.17	21.30	22.5
		1	24	21.53	21.63	21.62	21.25	21.13	22.5
		12	0	20.86	20.80	20.81	20.17	20.34	21.5
		12	6	20.69	20.68	20.57	20.28	20.24	21.5
		12	13	20.56	20.49	20.66	20.16	20.18	21.5
		25	0	20.69	20.51	20.63	20.06	20.16	21.5
	256QAM	1	0	18.74	18.48	18.73	18.29	18.28	19.5
		1	12	18.73	18.56	18.62	18.40	18.50	19.5
		1	24	18.53	18.43	18.40	18.28	18.22	19.5
		12	0	18.64	18.48	18.63	18.21	18.30	19.5
		12	6	18.77	18.47	18.54	18.19	18.21	19.5
		12	13	18.69	18.39	18.58	18.24	18.19	19.5
		25	0	18.74	18.39	18.69	18.37	18.32	19.5

LTE Band 41_Ant2

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	**17.36**	17.27	17.25	17.34	17.30	18
		1	50	17.30	17.13	17.09	17.29	17.25	18
		1	99	17.21	17.08	17.19	17.07	17.17	18
		50	0	17.12	17.05	17.14	17.03	17.12	18
		50	25	17.23	17.19	17.26	17.22	17.25	18
		50	50	16.99	17.07	17.12	16.97	17.08	18
		100	0	17.29	17.10	17.24	17.22	17.19	18
	16QAM	1	0	16.94	17.12	17.25	16.86	17.21	18
		1	50	16.87	16.85	17.00	16.85	16.87	18
		1	99	17.06	17.18	16.82	16.98	17.19	18
		50	0	16.91	17.12	17.11	16.89	17.16	18
		50	25	17.06	17.01	17.03	16.99	17.16	18
		50	50	17.25	16.89	17.11	17.10	16.99	18
		100	0	17.03	17.23	17.07	17.00	17.25	18
	64QAM	1	0	17.19	16.79	17.17	17.07	16.94	18
		1	50	16.95	16.95	16.99	16.89	17.02	18
		1	99	16.97	17.00	16.94	16.87	17.07	18
		50	0	17.13	16.88	16.96	17.08	16.99	18
		50	25	16.96	16.83	17.14	16.92	16.93	18
		50	50	17.09	17.12	17.18	16.95	17.20	18
		100	0	17.04	17.03	17.23	17.01	17.17	18
	256QAM	1	0	17.16	16.93	17.10	17.03	17.05	18
		1	50	17.07	17.11	17.15	17.05	17.16	18
		1	99	17.02	17.14	17.09	16.90	17.21	18
		50	0	17.10	17.03	17.02	17.06	17.12	18
		50	25	17.15	17.23	17.05	17.08	17.24	18
		50	50	16.95	16.94	17.17	16.85	16.97	18
		100	0	17.07	17.08	16.99	16.98	17.21	18
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	**17.36**	17.17	17.17	17.12	17.28	18
		1	37	17.15	17.07	16.95	16.97	17.14	18
		1	74	17.07	16.93	17.15	16.98	17.08	18
		36	0	16.99	16.90	17.04	17.12	17.09	18
		36	19	17.21	17.06	17.22	17.15	17.15	18
		36	39	16.90	16.92	17.11	16.85	16.98	18
		75	0	17.14	17.02	17.16	17.05	17.06	18
	16QAM	1	0	16.81	16.97	17.23	17.17	17.17	18
		1	37	16.77	16.72	16.91	16.80	16.76	18
		1	74	17.01	17.10	16.75	16.57	17.04	18
		36	0	16.78	17.07	16.97	16.91	17.14	18
		36	19	16.91	16.98	16.98	16.79	17.07	18
		36	39	17.18	16.76	17.09	16.89	16.92	18
		75	0	16.88	17.15	17.02	16.97	17.20	18
	64QAM	1	0	17.12	16.65	17.03	17.00	16.87	18
		1	37	16.85	16.90	16.85	16.84	16.88	18
		1	74	16.82	16.90	16.79	16.79	17.03	18
		36	0	17.00	16.80	16.94	16.68	16.88	18
		36	19	16.86	16.69	17.07	16.92	16.90	18
		36	39	16.96	17.10	17.11	16.91	17.17	18
		75	0	16.92	16.91	17.15	17.10	17.03	18
	256QAM	1	0	17.06	16.84	17.09	16.96	16.92	18
		1	37	16.93	17.07	17.09	16.96	17.07	18
		1	74	16.89	17.08	17.01	16.90	17.18	18
		36	0	17.09	16.88	16.92	16.84	17.08	18
		36	19	17.13	17.16	16.92	16.89	17.13	18
		36	39	16.84	16.88	17.08	16.99	16.92	18
		75	0	16.92	16.94	16.88	16.84	17.16	18
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	**17.33**	17.25	17.22	17.24	17.23	18
		1	24	17.22	17.12	16.95	17.21	17.16	18
		1	49	17.14	16.96	17.08	17.01	17.12	18
		25	0	17.01	16.97	17.11	16.93	17.05	18
		25	12	17.17	17.15	17.24	17.17	17.24	18
		25	25	16.86	17.03	16.99	16.84	16.99	18
		50	0	17.24	16.99	17.20	17.18	17.12	18
	16QAM	1	0	16.83	16.99	17.20	16.81	17.17	18
		1	24	16.86	16.83	16.98	16.79	16.77	18
		1	49	16.93	17.03	16.70	16.96	17.04	18
		25	0	16.80	17.07	16.99	16.81	17.06	18
		25	12	16.93	16.86	16.89	16.85	17.08	18
		25	25	17.14	16.88	16.97	17.01	16.90	18
		50	0	16.94	17.15	16.97	16.89	17.11	18
	64QAM	1	0	17.06	16.64	17.02	17.06	16.83	18
		1	24	16.81	16.92	16.84	16.88	17.01	18
		1	49	16.87	16.90	16.89	16.80	16.98	18
		25	0	17.01	16.80	16.83	17.04	16.92	18
		25	12	16.87	16.76	17.12	16.79	16.86	18
		25	25	16.96	17.11	17.02	16.87	17.05	18
		50	0	16.99	16.91	17.17	16.90	17.04	18
	256QAM	1	0	17.05	16.87	16.95	16.88	16.92	18
		1	24	16.99	16.99	17.02	16.90	17.05	18
		1	49	16.87	17.12	16.96	16.89	17.14	18
		25	0	17.07	17.02	17.00	16.91	17.11	18
		25	12	17.01	17.11	16.93	16.96	17.17	18
		25	25	16.91	16.88	17.06	16.71	16.83	18
		50	0	17.06	17.01	16.92	16.88	17.14	18
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	17.27	17.13	17.15	**17.28**	17.25	18
		1	12	17.17	17.00	17.03	17.18	17.21	18
		1	24	17.11	16.95	17.08	16.93	17.16	18
		12	0	17.04	16.95	17.12	16.92	16.98	18
		12	6	17.14	17.05	17.25	17.21	17.21	18
		12	13	16.91	17.03	17.00	16.89	16.97	18
		25	0	17.19	16.95	17.15	17.11	17.16	18
	16QAM	1	0	16.92	16.97	17.20	16.83	17.17	18
		1	12	16.80	16.84	16.96	16.73	16.84	18
		1	24	17.05	17.07	16.70	16.95	17.10	18
		12	0	16.90	17.00	17.03	16.85	17.13	18
		12	6	16.97	16.95	16.98	16.96	17.04	18
		12	13	17.23	16.81	17.00	17.06	16.94	18
		25	0	17.02	17.11	16.95	16.98	17.14	18
	64QAM	1	0	17.16	16.73	17.12	17.05	16.85	18
		1	12	16.91	16.87	16.97	16.82	16.89	18
		1	24	16.96	16.85	16.80	16.78	17.03	18
		12	0	17.05	16.74	16.91	17.01	16.93	18
		12	6	16.93	16.76	17.11	16.82	16.85	18
		12	13	17.04	17.08	17.14	16.83	17.19	18
		25	0	16.89	16.95	17.17	16.91	17.04	18
	256QAM	1	0	17.03	16.86	17.02	16.96	16.95	18
		1	12	16.93	16.97	17.01	17.01	17.02	18
		1	24	16.89	17.02	16.95	16.89	17.20	18
		12	0	17.03	16.91	16.96	16.92	17.05	18
		12	6	17.08	17.21	16.96	17.06	17.14	18
		12	13	16.86	16.92	17.15	16.75	16.84	18
		25	0	17.01	17.01	16.88	16.88	17.15	18

LTE Band 41_Ant3

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	**20.95**	20.88	20.93	20.85	20.91	22
		1	50	20.69	20.62	20.70	20.71	20.74	22
		1	99	20.60	20.59	20.62	20.54	20.56	22
		50	0	20.82	20.71	20.72	20.58	20.66	22
		50	25	20.73	20.53	20.64	20.48	20.54	22
		50	50	20.71	20.49	20.58	20.45	20.58	22
		100	0	20.75	20.45	20.53	20.56	20.67	22
	16QAM	1	0	20.72	20.56	20.63	20.61	20.65	22
		1	50	20.56	20.36	20.47	20.55	20.59	22
		1	99	20.56	20.46	20.59	20.61	20.66	22
		50	0	20.58	20.43	20.52	20.60	20.71	22
		50	25	20.74	20.57	20.67	20.82	20.83	22
		50	50	20.84	20.56	20.62	20.40	20.50	22
		100	0	20.72	20.58	20.69	20.51	20.54	22
	64QAM	1	0	20.65	20.45	20.54	20.50	20.59	22
		1	50	20.47	20.54	20.66	20.71	20.77	22
		1	99	20.44	20.60	20.69	20.49	20.51	22
		50	0	20.70	20.65	20.70	20.64	20.79	22
		50	25	20.85	20.62	20.71	20.55	20.60	22
		50	50	20.69	20.42	20.57	20.65	20.74	22
		100	0	20.64	20.52	20.61	20.47	20.48	22
	256QAM	1	0	19.07	19.03	19.16	18.77	18.78	20.5
		1	50	19.16	19.26	19.37	18.82	18.90	20.5
		1	99	19.10	19.04	19.12	18.58	18.66	20.5
		50	0	19.41	19.33	19.36	18.65	18.76	20.5
		50	25	19.27	19.15	19.26	18.68	18.81	20.5
		50	50	19.28	19.23	19.26	18.70	18.72	20.5
		100	0	18.78	19.39	19.43	18.74	18.88	20.5
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	20.79	20.80	20.84	20.75	**20.90**	22
		1	37	20.68	20.44	20.55	20.56	20.69	22
		1	74	20.48	20.51	20.50	20.52	20.51	22
		36	0	20.59	20.68	20.71	20.69	20.54	22
		36	19	20.60	20.63	20.55	20.43	20.44	22
		36	39	20.67	20.45	20.44	20.46	20.52	22
		75	0	20.71	20.66	20.46	20.39	20.66	22
	16QAM	1	0	20.66	20.45	20.50	20.54	20.50	22
		1	37	20.44	20.42	20.44	20.21	20.44	22
		1	74	20.46	20.32	20.55	20.34	20.52	22
		36	0	20.45	20.49	20.43	20.36	20.67	22
		36	19	20.71	20.44	20.57	20.50	20.68	22
		36	39	20.79	20.58	20.60	20.44	20.47	22
		75	0	20.71	20.56	20.59	20.49	20.43	22
	64QAM	1	0	20.52	20.59	20.39	20.32	20.49	22
		1	37	20.36	20.38	20.58	20.47	20.69	22
		1	74	20.39	20.26	20.55	20.58	20.46	22
		36	0	20.63	20.60	20.69	20.51	20.75	22
		36	19	20.80	20.65	20.66	20.53	20.57	22
		36	39	20.55	20.52	20.46	20.33	20.69	22
		75	0	20.62	20.53	20.58	20.51	20.40	22
	256QAM	1	0	19.06	18.81	19.09	18.92	18.63	20.5
		1	37	19.05	19.01	19.22	19.16	18.76	20.5
		1	74	19.08	19.02	19.09	18.93	18.54	20.5
		36	0	19.29	19.24	19.34	19.30	18.66	20.5
		36	19	19.21	19.11	19.25	19.09	18.71	20.5
		36	39	19.26	19.07	19.11	19.19	18.64	20.5
		75	0	18.63	18.65	19.30	19.25	18.76	20.5
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	20.78	20.83	20.79	20.74	**20.85**	22
		1	24	20.54	20.56	20.69	20.62	20.73	22
		1	49	20.50	20.50	20.58	20.52	20.47	22
		25	0	20.58	20.68	20.65	20.45	20.52	22
		25	12	20.63	20.42	20.58	20.37	20.45	22
		25	25	20.57	20.38	20.45	20.38	20.57	22
		50	0	20.60	20.44	20.41	20.45	20.59	22
	16QAM	1	0	20.64	20.53	20.61	20.54	20.62	22
		1	24	20.49	20.32	20.38	20.51	20.50	22
		1	49	20.50	20.32	20.46	20.58	20.58	22
		25	0	20.56	20.33	20.45	20.52	20.58	22
		25	12	20.67	20.54	20.55	20.72	20.73	22
		25	25	20.71	20.41	20.57	20.28	20.46	22
		50	0	20.71	20.50	20.67	20.45	20.49	22
	64QAM	1	0	20.50	20.40	20.51	20.45	20.45	22
		1	24	20.39	20.51	20.63	20.64	20.71	22
		1	49	20.38	20.50	20.68	20.37	20.49	22
		25	0	20.66	20.50	20.60	20.62	20.65	22
		25	12	20.80	20.53	20.68	20.50	20.59	22
		25	25	20.65	20.27	20.45	20.61	20.61	22
		50	0	20.50	20.46	20.54	20.38	20.46	22
	256QAM	1	0	19.04	18.95	19.08	18.70	18.69	20.5
		1	24	19.04	19.18	19.29	18.67	18.77	20.5
		1	49	18.99	19.00	19.11	18.57	18.61	20.5
		25	0	19.36	19.19	19.27	18.62	18.75	20.5
		25	12	19.13	19.05	19.23	18.64	18.75	20.5
		25	25	19.27	19.21	19.25	18.66	18.68	20.5
		50	0	18.65	19.25	19.29	18

CE LTE_DSI1

LTE Band 41_Ant4									
BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	**18.32**	18.26	18.25	18.16	18.11	19
		1	50	18.24	18.10	17.98	17.89	18.08	19
		1	99	18.09	18.03	18.04	17.92	18.14	19
		50	0	18.22	18.09	18.12	18.09	18.17	19
		50	25	18.14	18.00	18.06	17.93	18.14	19
		50	50	17.88	17.74	18.07	18.06	18.04	19
		100	0	18.27	18.25	18.24	18.11	18.15	19
	16QAM	1	0	17.87	17.72	18.12	18.09	18.18	19
		1	50	17.79	17.72	17.98	17.89	17.84	19
		1	99	17.97	17.90	17.79	17.64	18.19	19
		50	0	17.83	17.70	17.86	17.73	18.14	19
		50	25	17.97	17.85	18.04	17.90	18.13	19
		50	50	18.12	18.07	18.14	18.10	17.84	19
		100	0	17.96	17.92	18.03	18.00	18.15	19
	64QAM	1	0	18.17	18.13	17.98	17.85	17.73	19
		1	50	17.69	17.56	17.88	17.73	17.83	19
		1	99	17.97	17.84	17.96	17.90	17.94	19
		50	0	18.11	17.97	17.93	17.83	17.94	19
		50	25	17.91	17.84	18.11	17.97	17.91	19
		50	50	18.15	18.01	18.15	18.10	18.16	19
		100	0	17.92	17.84	18.13	18.09	18.19	19
	256QAM	1	0	17.96	17.86	18.07	18.05	17.94	19
		1	50	18.06	18.01	18.00	17.95	17.95	19
		1	99	17.83	17.68	18.07	17.94	17.99	19
		50	0	17.96	17.92	17.99	17.94	18.11	19
		50	25	18.06	17.92	17.83	17.70	18.18	19
		50	50	17.81	17.74	17.97	17.84	17.89	19
		100	0	17.93	17.91	17.79	17.68	18.14	19
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	**18.25**	18.03	18.13	18.07	18.04	19
		1	37	18.19	17.79	17.84	17.87	18.01	19
		1	74	18.04	17.82	17.97	18.03	18.10	19
		36	0	18.07	18.06	18.03	18.09	18.11	19
		36	19	18.01	17.83	18.05	17.93	18.00	19
		36	39	17.85	17.96	17.95	17.90	18.01	19
		75	0	18.23	18.03	18.10	17.93	18.14	19
	16QAM	1	0	17.72	17.99	18.05	18.13	18.11	19
		1	37	17.68	17.76	17.86	17.75	17.80	19
		1	74	17.88	17.52	17.78	18.15	18.18	19
		36	0	17.74	17.61	17.73	17.99	18.09	19
		36	19	17.90	17.89	17.90	17.98	18.11	19
		36	39	17.99	18.00	18.11	17.71	17.73	19
		75	0	17.93	17.97	17.94	17.99	18.09	19
	64QAM	1	0	18.13	17.75	17.85	17.52	17.71	19
		1	37	17.57	17.72	17.78	17.58	17.76	19
		1	74	17.86	17.80	17.93	17.88	17.87	19
		36	0	18.04	17.79	17.90	17.72	17.87	19
		36	19	17.81	17.87	18.02	17.72	17.86	19
		36	39	18.07	18.02	18.09	18.03	18.01	19
		75	0	17.81	17.95	18.06	18.05	18.05	19
	256QAM	1	0	17.92	17.92	18.03	17.76	17.93	19
		1	37	18.01	17.82	17.86	17.85	17.92	19
		1	74	17.77	17.92	18.05	17.97	17.96	19
		36	0	17.88	17.82	17.95	17.99	18.08	19
		36	19	17.91	17.67	17.77	18.05	18.13	19
		36	39	17.74	17.71	17.93	17.80	17.80	19
		75	0	17.90	17.53	17.72	18.02	18.12	19
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	18.22	18.12	18.23	**18.24**	18.05	19
		1	24	18.20	17.77	17.88	17.97	18.00	19
		1	49	18.03	17.77	17.91	17.96	18.05	19
		25	0	18.19	18.01	18.06	18.06	18.03	19
		25	12	18.10	17.86	17.93	17.88	18.04	19
		25	25	17.77	18.01	18.06	17.63	18.01	19
		50	0	18.12	17.98	18.15	18.12	18.00	19
	16QAM	1	0	17.77	17.96	18.00	17.70	18.10	19
		1	24	17.71	17.77	17.86	17.62	17.82	19
		1	49	17.83	17.56	17.73	17.81	18.05	19
		25	0	17.69	17.68	17.76	17.67	18.06	19
		25	12	17.85	17.75	17.93	17.73	18.02	19
		25	25	17.98	18.03	18.05	17.96	17.73	19
		50	0	17.91	17.88	18.02	17.77	18.00	19
	64QAM	1	0	18.02	17.76	17.89	17.99	17.60	19
		1	24	17.58	17.61	17.87	17.50	17.78	19
		1	49	17.91	17.89	17.95	17.76	17.79	19
		25	0	18.08	17.78	17.79	17.96	17.80	19
		25	12	17.83	17.86	18.03	17.82	17.88	19
		25	25	18.14	18.01	18.11	17.98	18.02	19
		50	0	17.77	17.97	17.98	17.73	18.18	19
	256QAM	1	0	17.86	18.00	17.96	17.75	17.80	19
		1	24	17.96	17.89	17.92	17.88	17.85	19
		1	49	17.73	17.79	18.02	17.58	17.90	19
		25	0	17.81	17.93	17.87	17.86	18.06	19
		25	12	17.99	17.61	17.72	17.91	18.11	19
		25	25	17.70	17.70	17.91	17.71	17.86	19
		50	0	17.80	17.66	17.69	17.78	18.05	19
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	18.17	18.00	**18.24**	18.15	18.06	19
		1	12	18.23	17.96	17.85	17.98	17.96	19
		1	24	18.01	17.96	17.94	18.02	18.04	19
		12	0	18.17	18.03	18.09	17.95	18.11	19
		12	6	18.02	17.92	17.94	17.85	18.00	19
		12	13	17.81	17.90	17.99	17.72	17.91	19
		25	0	18.23	17.92	18.18	18.11	18.02	19
	16QAM	1	0	17.86	18.10	18.08	17.67	18.13	19
		1	12	17.72	17.77	17.92	17.67	17.80	19
		1	24	17.90	18.12	17.70	17.86	18.06	19
		12	0	17.76	17.91	17.82	17.55	18.02	19
		12	6	17.89	17.95	17.93	17.80	18.01	19
		12	13	18.06	17.61	18.07	17.97	17.70	19
		25	0	17.88	18.00	17.98	17.82	18.07	19
	64QAM	1	0	18.06	17.50	17.95	17.99	17.59	19
		1	12	17.59	17.61	17.80	17.50	17.68	19
		1	24	17.84	17.78	17.95	17.69	17.86	19
		12	0	18.00	17.72	17.79	17.93	17.79	19
		12	6	17.88	17.76	18.08	17.72	17.84	19
		12	13	18.02	17.99	18.10	18.00	18.12	19
		25	0	17.87	18.15	18.00	17.78	18.09	19
	256QAM	1	0	17.92	17.87	18.04	17.85	17.80	19
		1	12	17.95	17.86	17.98	17.99	17.93	19
		1	24	17.80	17.84	18.01	17.61	17.90	19
		12	0	17.94	17.91	17.87	17.83	18.08	19
		12	6	17.97	18.05	17.68	17.78	18.15	19
		12	13	17.78	17.71	17.83	17.61	17.77	19
		25	0	17.80	18.02	17.70	17.78	18.09	19

LTE Band 41_Ant4 For ENDC&DSDA									
BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	**16.86**	16.82	16.80	16.77	16.78	17.5
		1	50	16.83	16.71	16.54	16.40	16.63	17.5
		1	99	16.61	16.53	16.60	16.51	16.70	17.5
		50	0	16.70	16.68	16.68	16.59	16.78	17.5
		50	25	16.62	16.47	16.54	16.53	16.61	17.5
		50	50	16.43	16.24	16.67	16.58	16.53	17.5
		100	0	16.84	16.76	16.79	16.64	16.62	17.5
	16QAM	1	0	16.36	16.33	16.62	16.57	16.74	17.5
		1	50	16.30	16.19	16.57	16.41	16.44	17.5
		1	99	16.57	16.37	16.30	16.19	16.71	17.5
		50	0	16.41	16.24	16.46	16.28	16.67	17.5
		50	25	16.58	16.38	16.56	16.47	16.68	17.5
		50	50	16.68	16.65	16.75	16.69	16.31	17.5
		100	0	16.53	16.40	16.63	16.50	16.75	17.5
	64QAM	1	0	16.72	16.70	16.55	16.38	16.23	17.5
		1	50	16.16	16.03	16.46	16.25	16.30	17.5
		1	99	16.55	16.36	16.44	16.42	16.51	17.5
		50	0	16.68	16.54	16.53	16.31	16.53	17.5
		50	25	16.42	16.37	16.70	16.53	16.38	17.5
		50	50	16.66	16.49	16.76	16.57	16.66	17.5
		100	0	16.49	16.32	16.73	16.62	16.69	17.5
	256QAM	1	0	16.46	16.47	16.56	16.60	16.54	17.5
		1	50	16.63	16.53	16.53	16.52	16.43	17.5
		1	99	16.44	16.24	16.68	16.54	16.53	17.5
		50	0	16.57	16.44	16.48	16.51	16.71	17.5
		50	25	16.64	16.39	16.36	16.17	16.69	17.5
		50	50	16.42	16.29	16.48	16.45	16.39	17.5
		100	0	16.44	16.50	16.39	16.19	16.71	17.5
BW	Modulation	Channel		39725	40173	40620	41068	41515	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	16.76	16.78	16.66	16.75	16.73	17.5
		1	37	**16.81**	16.64	16.50	16.38	16.54	17.5
		1	74	16.49	16.38	16.46	16.48	16.69	17.5
		36	0	16.58	16.53	16.53	16.57	16.74	17.5
		36	19	16.60	16.38	16.48	16.40	16.46	17.5
		36	39	16.33	16.20	16.53	16.56	16.45	17.5
		75	0	16.72	16.75	16.74	16.51	16.51	17.5
	16QAM	1	0	16.21	16.22	16.48	16.55	16.60	17.5
		1	37	16.19	16.13	16.48	16.38	16.42	17.5
		1	74	16.56	16.28	16.17	16.08	16.56	17.5
		36	0	16.39	16.09	16.40	16.18	16.60	17.5
		36	19	16.48	16.35	16.54	16.39	16.53	17.5
		36	39	16.57	16.53	16.70	16.59	16.22	17.5
		75	0	16.52	16.34	16.54	16.36	16.70	17.5
	64QAM	1	0	16.66	16.64	16.40	16.25	16.12	17.5
		1	37	16.13	16.47	16.39	16.13	16.21	17.5
		1	74	16.42	16.35	16.40	16.36	16.38	17.5
		36	0	16.59	16.53	16.47	16.24	16.51	17.5
		36	19	16.31	16.33	16.60	16.38	16.28	17.5
		36	39	16.60	16.48	16.61	16.51	16.60	17.5
		75	0	16.41	16.24	16.62	16.55	16.67	17.5
	256QAM	1	0	16.37	16.35	16.49	16.48	16.45	17.5
		1	37	16.54	16.44	16.51	16.42	16.35	17.5
		1	74	16.40	16.17	16.57	16.40	16.40	17.5
		36	0	16.44	16.40	16.34	16.46	16.62	17.5
		36	19	16.57	16.33	16.22	16.02	16.66	17.5
		36	39	16.38	16.20	16.38	16.32	16.34	17.5
		75	0	16.39	16.47	16.26	16.07	16.59	17.5
BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	16.77	16.70	16.69	16.76	16.77	17.5
		1	24	16.77	16.57	16.53	16.27	16.57	17.5
		1	49	16.55	16.41	16.45	16.39	16.68	17.5
		25	0	16.63	16.67	16.64	16.48	16.72	17.5
		25	12	16.54	16.36	16.41	16.50	16.59	17.5
		25	25	16.28	16.18	16.63	16.51	16.43	17.5
		50	0	16.77	16.63	**16.78**	16.58	16.55	17.5
	16QAM	1	0	16.30	16.30	16.48	16.46	16.64	17.5
		1	24	16.15	16.13	16.47	16.31	16.34	17.5
		1	49	16.52	16.30	16.21	16.04	16.59	17.5
		25	0	16.29	16.21	16.35	16.19	16.57	17.5
		25	12	16.54	16.34	16.48	16.34	16.58	17.5
		25	25	16.59	16.59	16.73	16.65	16.16	17.5
		50	0	16.50	16.29	16.57	16.39	16.61	17.5
	64QAM	1	0	16.62	16.56	16.54	16.26	16.08	17.5
		1	24	16.06	16.58	16.41	16.16	16.24	17.5
		1	49	16.50	16.25	16.32	16.29	16.40	17.5
		25	0	16.64	16.39	16.44	16.26	16.48	17.5
		25	12	16.33	16.33	16.64	16.39	16.27	17.5
		25	25	16.60	16.38	16.63	16.49	16.61	17.5
		50	0	16.43	16.22	16.65	16.60	16.56	17.5
	256QAM	1	0	16.41	16.41	16.43	16.56	16.51	17.5
		1	24	16.60	16.40	16.46	16.51	16.41	17.5
		1	49	16.35	16.10	16.59	16.46	16.40	17.5
		25	0	16.49	16.37	16.46	16.46	16.58	17.5
		25	12	16.57	16.33	16.31	16.16	16.60	17.5
		25	25	16.38	16.17	16.46	16.39	16.36	17.5
		50	0	16.33	16.47	16.28	16.06	16.68	17.5
BW	Modulation	Channel		39675	40148	40620	41093	41565	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	16.71	16.69	16.67	**16.76**	16.67	17.5
		1	12	16.68	16.65	16.52	16.35	16.49	17.5
		1	24	16.50	16.47	16.48	16.42	16.62	17.5
		12	0	16.64	16.65	16.67	16.49	16.69	17.5
		12	6	16.47	16.36	16.40	16.45	16.57	17.5
		12	13	16.39	16.17	16.57	16.45	16.48	17.5
		25	0	16.56	16.75	16.65	16.60	16.57	17.5
	16QAM	1	0	16.34	16.22	16.60	16.54	16.72	17.5
		1	12	16.26	16.08	16.55	16.29	16.36	17.5
		1	24	16.42	16.36	16.29	16.12	16.70	17.5
		12	0	16.37	16.22	16.38	16.18	16.52	17.5
		12	6	16.54	16.23	16.48	16.38	16.67	17.5
		12	13	16.54	16.51	16.66	16.62	16.21	17.5
		25	0	16.40	16.35	16.48	16.45	16.69	17.5
	64QAM	1	0	16.57	16.57	16.42	16.34	16.21	17.5
		1	12	16.07	16.14	16.40	16.16	16.17	17.5
		1	24	16.41	16.34	16.43	16.31	16.44	17.5
		12	0	16.61	16.47	16.49	16.30	16.50	17.5
		12	6	16.36	16.28	16.55	16.48	16.34	17.5
		12	13	16.65	16.46	16.61	16.55	16.62	17.5
		25	0	16.43	16.31	16.68	16.48	16.55	17.5
	256QAM	1	0	16.36	16.44	16.41	16.55	16.44	17.5
		1	12	16.52	16.42	16.50	16.43	16.28	17.5
		1	24	16.43	16.16	16.55	16.52	16.48	17.5
		12	0	16.49	16.40	16.35	16.49	16.61	17.5
		12	6	16.53	16.34	16.24	16.08	16.60	17.5
		12	13	16.39	16.21	16.41	16.35	16.25	17.5
		25	0	16.33	16.48	16.26	16.12	16.56	17.5

CE LTE_DSI3

LTE Band 5_Ant0							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	24.02	24.16	24.03	25
		1	24	24.23	**24.32**	24.16	25
		1	49	23.84	23.88	23.80	25
		25	0	23.09	23.15	23.10	24
		25	12	23.14	23.23	23.26	24
		25	25	23.03	23.13	23.17	24
		50	0	22.95	23.15	23.12	24
	16QAM	1	0	23.63	23.52	23.52	24
		1	24	23.50	23.59	23.47	24
		1	49	23.53	23.41	23.33	24
		25	0	22.17	22.20	22.11	23
		25	12	22.26	22.22	22.37	23
		25	25	21.92	22.15	22.19	23
		50	0	22.10	22.04	22.06	23
	64QAM	1	0	22.28	22.24	22.19	23
		1	24	22.34	22.37	22.09	23
		1	49	22.22	22.37	22.06	23
		25	0	20.86	21.11	21.06	22
		25	12	21.06	21.36	21.10	22
		25	25	21.05	21.08	20.95	22
		50	0	21.18	21.21	21.07	22
	256QAM	1	0	19.00	19.10	18.96	20
		1	24	19.22	19.23	19.20	20
		1	49	19.09	19.37	19.18	20
		25	0	18.97	19.15	19.01	20
		25	12	18.99	19.23	19.08	20
		25	25	18.90	19.09	18.86	20
		50	0	19.18	19.28	19.07	20
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	23.96	24.13	23.98	25
		1	12	24.19	**24.20**	24.13	25
		1	24	23.78	23.87	23.75	25
		12	0	22.96	23.04	22.96	24
		12	6	23.07	23.12	23.25	24
		12	13	22.95	23.02	23.13	24
		25	0	22.91	23.02	23.07	24
	16QAM	1	0	23.58	23.49	23.47	24
		1	12	23.48	23.46	23.44	24
		1	24	23.49	23.38	23.28	24
		12	0	22.03	22.05	22.05	23
		12	6	22.16	22.09	22.22	23
		12	13	21.77	22.04	22.07	23
		25	0	22.08	22.00	21.97	23
	64QAM	1	0	22.21	22.10	22.12	23
		1	12	22.20	22.28	21.94	23
		1	24	22.16	22.25	21.99	23
		12	0	20.85	21.09	20.93	22
		12	6	20.94	21.28	21.00	22
		12	13	21.01	21.03	20.80	22
		25	0	21.14	21.16	20.92	22
	256QAM	1	0	18.94	19.09	18.95	20
		1	12	19.10	19.12	19.18	20
		1	24	19.02	19.24	19.03	20
		12	0	18.82	19.01	18.91	20
		12	6	18.90	19.15	18.97	20
		12	13	18.86	19.05	18.72	20
		25	0	19.13	19.27	18.96	20
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	23.93	24.06	23.97	25
		1	7	**24.22**	24.20	24.04	25
		1	14	23.74	23.81	23.69	25
		8	0	23.05	23.10	23.01	24
		8	3	23.10	23.21	23.24	24
		8	7	22.93	23.00	23.16	24
		15	0	22.93	23.00	23.08	24
	16QAM	1	0	23.57	23.44	23.50	24
		1	7	23.41	23.56	23.38	24
		1	14	23.45	23.33	23.28	24
		8	0	22.15	22.08	22.10	23
		8	3	22.23	22.18	22.35	23
		8	7	21.81	22.05	22.10	23
		15	0	22.01	21.98	22.00	23
	64QAM	1	0	22.19	22.17	22.05	23
		1	7	22.28	22.23	22.08	23
		1	14	22.09	22.27	22.01	23
		8	0	20.81	21.02	21.02	22
		8	3	20.96	21.29	21.05	22
		8	7	20.94	21.06	20.92	22
		15	0	21.16	21.13	20.92	22
	256QAM	1	0	18.94	19.03	18.89	20
		1	7	19.18	19.11	19.18	20
		1	14	18.95	19.25	19.08	20
		8	0	18.88	19.14	18.91	20
		8	3	18.87	19.16	19.04	20
		8	7	18.81	18.96	18.81	20
		15	0	19.11	19.26	18.96	20
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	23.91	24.08	23.98	25
		1	2	24.08	**24.18**	24.06	25
		1	5	23.75	23.88	23.75	25
		3	0	23.83	23.83	23.90	25
		3	1	23.90	24.02	23.90	25
		3	3	23.70	23.90	23.80	25
		6	0	22.86	23.01	23.01	24
	16QAM	1	0	23.55	23.36	23.41	24
		1	2	23.42	23.45	23.47	24
		1	5	23.43	23.28	23.36	24
		3	0	22.92	22.95	22.78	24
		3	1	22.99	23.10	22.95	24
		3	3	22.77	22.86	22.95	24
		6	0	22.04	22.04	21.92	23
	64QAM	1	0	22.12	22.26	22.18	23
		1	2	22.20	22.20	22.07	23
		1	5	22.21	22.33	22.03	23
		3	0	21.57	21.82	21.69	23
		3	1	21.89	22.01	21.93	23
		3	3	21.80	21.79	21.71	23
		6	0	21.07	21.14	20.94	22
	256QAM	1	0	18.90	19.01	18.85	20
		1	2	19.18	19.01	19.06	20
		1	5	19.09	19.15	19.08	20
		3	0	18.81	19.00	18.98	20
		3	1	18.94	19.19	19.06	20
		3	3	18.79	19.06	18.94	20
		6	0	19.04	19.21	19.11	20

LTE Band 5_Ant1							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	20.41	20.37	20.44	21.5
		1	24	**20.56**	20.46	20.48	21.5
		1	49	20.46	20.16	20.03	21.5
		25	0	20.29	20.25	20.16	21.5
		25	12	20.48	20.32	20.30	21.5
		25	25	20.29	20.29	20.15	21.5
		50	0	20.34	20.28	20.23	21.5
	16QAM	1	0	20.15	20.28	20.20	21.5
		1	24	20.20	20.31	20.17	21.5
		1	49	20.00	20.04	20.27	21.5
		25	0	20.09	19.95	20.30	21.5
		25	12	20.19	20.33	20.41	21.5
		25	25	20.24	20.17	20.17	21.5
		50	0	20.36	20.13	20.16	21.5
	64QAM	1	0	20.18	20.19	20.26	21.5
		1	24	19.98	20.15	20.38	21.5
		1	49	20.08	20.03	19.95	21.5
		25	0	20.39	20.39	20.31	21.5
		25	12	20.44	20.35	20.26	21.5
		25	25	20.33	20.20	20.32	21.5
		50	0	20.14	20.22	20.20	21.5
	256QAM	1	0	19.25	19.02	19.24	20.5
		1	24	19.56	19.49	19.42	20.5
		1	49	19.29	19.22	19.17	20.5
		25	0	19.34	19.17	19.17	20.5
		25	12	19.45	19.28	19.37	20.5
		25	25	19.45	19.48	19.36	20.5
		50	0	19.56	19.26	19.40	20.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	20.29	20.26	20.36	21.5
		1	12	**20.54**	20.37	20.42	21.5
		1	24	20.35	20.03	19.98	21.5
		12	0	20.14	20.17	20.03	21.5
		12	6	20.34	20.24	20.15	21.5
		12	13	20.23	20.24	20.11	21.5
		25	0	20.33	20.13	20.09	21.5
	16QAM	1	0	20.02	20.16	20.06	21.5
		1	12	20.11	20.20	20.03	21.5
		1	24	19.88	19.93	20.24	21.5
		12	0	20.02	19.91	20.29	21.5
		12	6	20.06	20.19	20.38	21.5
		12	13	20.19	20.15	20.10	21.5
		25	0	20.31	20.03	20.12	21.5
	64QAM	1	0	20.04	20.05	20.25	21.5
		1	12	19.90	20.04	20.36	21.5
		1	24	19.95	19.88	19.88	21.5
		12	0	20.24	20.25	20.20	21.5
		12	6	20.30	20.27	20.24	21.5
		12	13	20.20	20.17	20.17	21.5
		25	0	20.03	20.11	20.17	21.5
	256QAM	1	0	19.19	19.01	19.23	20.5
		1	12	19.49	19.44	19.28	20.5
		1	24	19.20	19.14	19.08	20.5
		12	0	19.20	19.13	19.11	20.5
		12	6	19.41	19.16	19.32	20.5
		12	13	19.36	19.45	19.31	20.5
		25	0	19.55	19.18	19.33	20.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	20.38	20.35	20.38	21.5
		1	7	20.44	20.39	20.42	21.5
		1	14	20.33	20.03	19.94	21.5
		8	0	20.17	20.17	20.05	21.5
		8	3	**20.45**	20.28	20.15	21.5
		8	7	20.19	20.24	20.08	21.5
		15	0	20.23	20.17	20.22	21.5
	16QAM	1	0	20.08	20.27	20.12	21.5
		1	7	20.11	20.29	20.07	21.5
		1	14	19.87	19.89	20.18	21.5
		8	0	19.96	19.85	20.18	21.5
		8	3	20.13	20.21	20.31	21.5
		8	7	20.22	20.10	20.13	21.5
		15	0	20.34	20.09	20.11	21.5
	64QAM	1	0	20.11	20.11	20.15	21.5
		1	7	19.89	20.06	20.34	21.5
		1	14	20.00	19.89	19.86	21.5
		8	0	20.36	20.33	20.17	21.5
		8	3	20.37	20.21	20.18	21.5
		8	7	20.32	20.14	20.28	21.5
		15	0	20.10	20.17	20.16	21.5
	256QAM	1	0	19.18	18.87	19.13	20.5
		1	7	19.53	19.38	19.41	20.5
		1	14	19.18	19.18	19.06	20.5
		8	0	19.32	19.02	19.07	20.5
		8	3	19.40	19.25	19.30	20.5
		8	7	19.32	19.37	19.21	20.5
		15	0	19.52	19.25	19.25	20.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	20.33	20.29	20.34	21.5
		1	2	**20.42**	20.31	20.34	21.5
		1	5	20.36	20.15	19.99	21.5
		3	0	20.14	20.10	20.04	21.5
		3	1	20.35	20.29	20.28	21.5
		3	3	20.20	20.21	20.03	21.5
		6	0	20.22	20.14	20.14	21.5
	16QAM	1	0	20.07	20.20	20.18	21.5
		1	2	20.16	20.17	20.09	21.5
		1	5	19.86	19.95	20.16	21.5
		3	0	20.00	19.94	20.18	21.5
		3	1	20.18	20.29	20.27	21.5
		3	3	20.22	20.04	20.06	21.5
		6	0	20.27	19.98	20.02	21.5
	64QAM	1	0	20.05	20.15	20.16	21.5
		1	2	19.87	20.06	20.28	21.5
		1	5	19.98	19.92	19.94	21.5
		3	0	20.26	20.32	20.17	21.5
		3	1	20.29	20.32	20.11	21.5
		3	3	20.24	20.10	20.20	21.5
		6	0	20.00	20.09	20.16	21.5
	256QAM	1	0	19.20	19.01	19.22	20.5
		1	2	19.42	19.39	19.35	20.5
		1	5	19.14	19.08	19.09	20.5
		3	0	19.31	19.04	19.04	20.5
		3	1	19.44	19.15	19.33	20.5
		3	3	19.43	19.40	19.24	20.5
		6	0	19.52	19.14	19.25	20.5

CE LTE_DSI3

LTE Band 7_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	21.14	21.18	**21.19**	21.5
		1	50	20.97	21.10	21.04	21.5
		1	99	20.93	20.88	20.64	21.5
		50	0	21.11	20.99	21.17	21.5
		50	25	21.05	21.05	20.93	21.5
		50	50	20.90	21.07	20.85	21.5
		100	0	20.99	21.03	21.08	21.5
	16QAM	1	0	20.78	20.95	20.81	21.5
		1	50	20.96	20.90	20.93	21.5
		1	99	20.69	20.71	21.06	21.5
		50	0	20.77	20.59	20.91	21.5
		50	25	20.96	21.08	21.14	21.5
		50	50	20.92	20.91	20.87	21.5
		100	0	21.00	20.83	20.89	21.5
	64QAM	1	0	20.74	20.81	20.99	21.5
		1	50	20.75	20.95	20.92	21.5
		1	99	20.81	20.71	20.62	21.5
		50	0	21.13	21.05	21.02	21.5
		50	25	21.05	21.02	20.99	21.5
		50	50	21.04	20.72	20.90	21.5
		100	0	20.73	20.90	20.82	21.5
	256QAM	1	0	19.22	19.12	19.19	19.5
		1	50	19.08	19.27	19.22	19.5
		1	99	19.04	19.23	19.16	19.5
		50	0	19.09	19.11	19.18	19.5
		50	25	18.93	19.07	19.02	19.5
		50	50	18.90	18.99	19.04	19.5
		100	0	19.19	19.20	19.10	19.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	21.01	21.06	21.04	21.5
		1	37	20.91	21.06	20.97	21.5
		1	74	20.84	20.86	20.60	21.5
		36	0	21.08	20.96	21.08	21.5
		36	19	20.99	21.04	20.79	21.5
		36	39	20.83	21.02	20.83	21.5
		75	0	20.94	21.02	21.06	21.5
	16QAM	1	0	20.75	20.80	20.75	21.5
		1	37	20.92	20.84	20.91	21.5
		1	74	20.65	20.66	21.05	21.5
		36	0	20.65	20.53	20.78	21.5
		36	19	20.88	20.96	21.06	21.5
		36	39	20.90	20.82	20.79	21.5
		75	0	20.99	20.88	20.80	21.5
	64QAM	1	0	20.63	20.70	20.94	21.5
		1	37	20.72	20.92	20.88	21.5
		1	74	20.74	20.83	20.56	21.5
		36	0	**21.11**	20.94	20.93	21.5
		36	19	21.01	20.95	20.84	21.5
		36	39	20.89	20.67	20.75	21.5
		75	0	20.58	20.80	20.73	21.5
	256QAM	1	0	19.18	18.98	19.12	19.5
		1	37	19.03	19.15	19.07	19.5
		1	74	18.91	19.15	19.10	19.5
		36	0	18.94	19.03	19.14	19.5
		36	19	18.81	19.02	18.94	19.5
		36	39	18.79	18.90	18.94	19.5
		75	0	19.08	19.10	18.99	19.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	21.12	21.03	20.95	21.5
		1	24	20.82	21.04	21.01	21.5
		1	49	20.87	20.85	20.55	21.5
		25	0	21.00	20.91	**21.13**	21.5
		25	12	20.91	20.99	20.90	21.5
		25	25	20.76	20.96	20.74	21.5
		50	0	20.88	21.00	20.98	21.5
	16QAM	1	0	20.67	20.86	20.78	21.5
		1	24	20.95	20.85	20.80	21.5
		1	49	20.58	20.63	20.99	21.5
		25	0	20.64	20.55	20.81	21.5
		25	12	20.93	20.99	21.01	21.5
		25	25	20.86	20.81	20.77	21.5
		50	0	20.89	20.89	20.86	21.5
	64QAM	1	0	20.64	20.77	20.93	21.5
		1	24	20.68	20.94	20.77	21.5
		1	49	20.69	20.68	20.54	21.5
		25	0	21.12	21.02	20.98	21.5
		25	12	21.04	20.88	20.92	21.5
		25	25	20.96	20.67	20.85	21.5
		50	0	20.65	20.87	20.70	21.5
	256QAM	1	0	19.14	19.10	19.16	19.5
		1	24	18.99	19.26	19.14	19.5
		1	49	18.95	19.22	19.01	19.5
		25	0	19.07	18.97	19.14	19.5
		25	12	18.78	19.05	18.92	19.5
		25	25	18.85	18.89	18.89	19.5
		50	0	19.12	19.14	19.05	19.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	**21.12**	21.05	20.99	21.5
		1	12	20.84	21.04	20.89	21.5
		1	24	20.91	20.79	20.55	21.5
		12	0	20.97	20.89	21.08	21.5
		12	6	21.01	20.97	20.82	21.5
		12	13	20.84	20.95	20.84	21.5
		25	0	20.86	20.97	20.96	21.5
	16QAM	1	0	20.77	20.86	20.76	21.5
		1	12	20.81	20.77	20.91	21.5
		1	24	20.64	20.58	20.91	21.5
		12	0	20.75	20.50	20.78	21.5
		12	6	20.88	21.06	21.07	21.5
		12	13	20.79	20.88	20.84	21.5
		25	0	20.85	20.74	20.83	21.5
	64QAM	1	0	20.72	20.70	20.86	21.5
		1	12	20.62	20.82	20.87	21.5
		1	24	20.70	20.60	20.57	21.5
		12	0	21.03	20.96	20.94	21.5
		12	6	20.92	20.87	20.90	21.5
		12	13	21.02	20.58	20.88	21.5
		25	0	20.58	20.84	20.78	21.5
	256QAM	1	0	19.07	19.03	19.17	19.5
		1	12	19.04	19.22	19.09	19.5
		1	24	18.93	19.08	19.10	19.5
		12	0	19.02	19.04	19.14	19.5
		12	6	18.91	19.09	18.88	19.5
		12	13	18.89	18.97	18.98	19.5
		25	0	19.14	19.06	19.09	19.5

LTE Band 7_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	17.71	**17.85**	17.77	18.5
		1	50	17.65	17.52	17.68	18.5
		1	99	17.58	17.41	17.59	18.5
		50	0	17.43	17.65	17.67	18.5
		50	25	17.40	17.46	17.51	18.5
		50	50	17.20	17.31	17.33	18.5
		100	0	17.57	17.77	17.59	18.5
	16QAM	1	0	17.18	17.39	17.31	18.5
		1	50	17.00	17.43	17.17	18.5
		1	99	17.36	16.99	17.39	18.5
		50	0	17.09	17.17	17.42	18.5
		50	25	17.32	17.28	17.23	18.5
		50	50	17.25	17.33	17.40	18.5
		100	0	17.29	17.36	17.50	18.5
	64QAM	1	0	17.29	17.34	17.12	18.5
		1	50	16.95	17.28	17.28	18.5
		1	99	17.31	17.20	17.21	18.5
		50	0	17.55	17.35	17.20	18.5
		50	25	17.40	17.58	17.18	18.5
		50	50	17.18	17.52	17.62	18.5
		100	0	17.26	17.55	17.39	18.5
	256QAM	1	0	17.20	17.26	17.30	18.5
		1	50	17.28	17.26	17.42	18.5
		1	99	17.09	17.36	17.19	18.5
		50	0	17.31	17.09	17.52	18.5
		50	25	17.54	17.15	17.44	18.5
		50	50	17.01	17.24	17.21	18.5
		100	0	17.35	17.42	17.47	18.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	17.61	**17.83**	17.68	18.5
		1	37	17.56	17.41	17.60	18.5
		1	74	17.44	17.38	17.44	18.5
		36	0	17.38	17.60	17.65	18.5
		36	19	17.29	17.35	17.36	18.5
		36	39	17.06	17.19	17.31	18.5
		75	0	17.43	17.74	17.47	18.5
	16QAM	1	0	17.05	17.26	17.25	18.5
		1	37	16.97	17.28	17.02	18.5
		1	74	17.24	16.84	17.31	18.5
		36	0	17.08	17.14	17.35	18.5
		36	19	17.25	17.15	17.19	18.5
		36	39	17.12	17.28	17.39	18.5
		75	0	17.19	17.33	17.39	18.5
	64QAM	1	0	17.19	17.21	17.01	18.5
		1	37	16.85	17.25	17.19	18.5
		1	74	17.23	17.07	17.08	18.5
		36	0	17.52	17.23	17.16	18.5
		36	19	17.32	17.50	17.11	18.5
		36	39	17.05	17.39	17.54	18.5
		75	0	17.20	17.43	17.36	18.5
	256QAM	1	0	17.17	17.12	17.24	18.5
		1	37	17.26	17.13	17.30	18.5
		1	74	17.06	17.28	17.34	18.5
		36	0	17.21	17.08	17.47	18.5
		36	19	17.33	17.13	17.37	18.5
		36	39	16.99	17.21	17.10	18.5
		75	0	17.21	17.38	17.42	18.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	17.70	**17.83**	17.70	18.5
		1	24	17.55	17.42	17.63	18.5
		1	49	17.57	17.34	17.58	18.5
		25	0	17.34	17.52	17.57	18.5
		25	12	17.37	17.32	17.39	18.5
		25	25	17.19	17.17	17.20	18.5
		50	0	17.50	17.63	17.52	18.5
	16QAM	1	0	17.11	17.32	17.27	18.5
		1	24	16.85	17.39	17.16	18.5
		1	49	17.22	16.94	17.24	18.5
		25	0	16.94	17.12	17.30	18.5
		25	12	17.27	17.18	17.15	18.5
		25	25	17.16	17.19	17.25	18.5
		50	0	17.24	17.31	17.43	18.5
	64QAM	1	0	17.27	17.25	17.02	18.5
		1	24	16.80	17.17	17.15	18.5
		1	49	17.20	17.19	17.15	18.5
		25	0	17.44	17.28	17.13	18.5
		25	12	17.31	17.57	17.10	18.5
		25	25	17.15	17.49	17.52	18.5
		50	0	17.24	17.48	17.37	18.5
	256QAM	1	0	17.10	17.20	17.19	18.5
		1	24	17.19	17.12	17.31	18.5
		1	49	17.03	17.25	17.37	18.5
		25	0	17.16	16.94	17.38	18.5
		25	12	17.50	17.13	17.39	18.5
		25	25	16.87	17.23	17.12	18.5
		50	0	17.29	17.36	17.39	18.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	17.70	**17.84**	17.66	18.5
		1	12	17.56	17.44	17.64	18.5
		1	24	17.50	17.27	17.57	18.5
		12	0	17.36	17.57	17.58	18.5
		12	6	17.29	17.33	17.47	18.5
		12	13	17.15	17.28	17.21	18.5
		25	0	17.54	17.69	17.44	18.5
	16QAM	1	0	17.05	17.38	17.19	18.5
		1	12	16.91	17.40	17.08	18.5
		1	24	17.33	16.85	17.26	18.5
		12	0	17.01	17.13	17.31	18.5
		12	6	17.26	17.47	17.08	18.5
		12	13	17.23	17.20	17.29	18.5
		25	0	17.18	17.26	17.46	18.5
	64QAM	1	0	17.26	17.26	17.10	18.5
		1	12	16.86	17.18	17.13	18.5
		1	24	17.22	17.12	17.07	18.5
		12	0	17.43	17.24	17.07	18.5
		12	6	17.30	17.46	17.04	18.5
		12	13	17.14	17.46	17.50	18.5
		25	0	17.16	17.45	17.37	18.5
	256QAM	1	0	17.12	17.22	17.15	18.5
		1	12	17.20	17.18	17.30	18.5
		1	24	16.97	17.29	17.29	18.5
		12	0	17.25	17.07	17.50	18.5
		12	6	17.44	17.14	17.40	18.5
		12	13	16.95	17.12	17.10	18.5
		25	0	17.31	17.37	17.33	18.5

LTE Band 7_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	18.89	18.87	18.88	20.5
		1	50	18.90	**19.10**	18.83	20.5
		1	99	18.81	18.71	18.83	20.5
		50	0	18.84	18.90	18.87	20.5
		50	25	18.59	18.67	18.75	20.5
		50	50	18.75	18.68	18.67	20.5
		100	0	18.81	18.94	18.87	20.5
	16QAM	1	0	18.79	18.73	18.65	20.5
		1	50	18.98	18.64	18.82	20.5
		1	99	18.74	18.79	18.64	20.5
		50	0	18.80	18.64	18.75	20.5
		50	25	18.63	18.66	18.69	20.5
		50	50	18.66	18.76	18.69	20.5
		100	0	18.69	18.61	18.71	20.5
	64QAM	1	0	18.71	18.79	18.61	20.5
		1	50	18.84	18.62	18.67	20.5
		1	99	18.70	18.56	18.77	20.5
		50	0	18.69	18.78	18.66	20.5
		50	25	18.68	18.86	18.80	20.5
		50	50	18.66	18.63	18.88	20.5
		100	0	18.61	18.84	18.70	20.5
	256QAM	1	0	18.82	18.57	18.72	20.5
		1	50	18.66	18.73	18.81	20.5
		1	99	18.59	18.71	18.59	20.5
		50	0	18.63	18.61	18.88	20.5
		50	25	18.82	18.65	18.56	20.5
		50	50	18.87	18.77	18.85	20.5
		100	0	18.73	18.80	18.91	20.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	18.76	18.81	18.77	20.5
		1	37	18.86	18.92	18.75	20.5
		1	74	18.73	18.67	18.80	20.5
		36	0	18.75	18.86	18.79	20.5
		36	19	18.54	18.61	18.60	20.5
		36	39	18.63	18.57	18.53	20.5
		75	0	18.96	18.89	18.73	20.5
	16QAM	1	0	18.72	18.60	18.52	20.5
		1	37	**18.94**	18.57	18.79	20.5
		1	74	18.68	18.67	18.51	20.5
		36	0	18.77	18.57	18.74	20.5
		36	19	18.59	18.55	18.59	20.5
		36	39	18.57	18.71	18.62	20.5
		75	0	18.64	18.74	18.68	20.5
	64QAM	1	0	18.59	18.65	18.52	20.5
		1	37	18.75	18.56	18.65	20.5
		1	74	18.67	18.55	18.71	20.5
		36	0	18.61	18.66	18.54	20.5
		36	19	18.56	18.84	18.70	20.5
		36	39	18.62	18.52	18.77	20.5
		75	0	18.54	18.72	18.59	20.5
	256QAM	1	0	18.79	18.66	18.58	20.5
		1	37	18.59	18.63	18.75	20.5
		1	74	18.85	18.62	18.51	20.5
		36	0	18.56	18.73	18.76	20.5
		36	19	18.67	18.52	18.54	20.5
		36	39	18.78	18.71	18.72	20.5
		75	0	18.69	18.67	18.76	20.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	18.82	18.84	18.86	20.5
		1	24	18.76	**18.98**	18.81	20.5
		1	49	18.70	18.67	18.80	20.5
		25	0	18.73	18.76	18.81	20.5
		25	12	18.71	18.63	18.74	20.5
		25	25	18.72	18.67	18.54	20.5
		50	0	18.77	18.86	18.85	20.5
	16QAM	1	0	18.77	18.67	18.56	20.5
		1	24	18.93	18.63	18.68	20.5
		1	49	18.61	18.76	18.60	20.5
		25	0	18.74	18.59	18.60	20.5
		25	12	18.62	18.58	18.59	20.5
		25	25	18.52	18.62	18.67	20.5
		50	0	18.60	18.59	18.63	20.5
	64QAM	1	0	18.65	18.73	18.55	20.5
		1	24	18.70	18.55	18.52	20.5
		1	49	18.62	18.72	18.75	20.5
		25	0	18.62	18.63	18.64	20.5
		25	12	18.60	18.77	18.72	20.5
		25	25	18.56	18.53	18.87	20.5
		50	0	18.55	18.78	18.62	20.5
	256QAM	1	0	18.70	18.73	18.70	20.5
		1	24	18.64	18.65	18.74	20.5
		1	49	18.53	18.64	18.51	20.5
		25	0	18.61	18.54	18.86	20.5
		25	12	18.76	18.53	18.53	20.5
		25	25	18.85	18.70	18.75	20.5
		50	0	18.61	18.76	18.80	20.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	18.79	18.83	18.73	20.5
		1	12	18.81	**19.00**	18.72	20.5
		1	24	18.72	18.57	18.79	20.5
		12	0	18.81	18.89	18.79	20.5
		12	6	18.53	18.56	18.67	20.5
		12	13	18.69	18.67	18.61	20.5
		25	0	18.69	18.80	18.85	20.5
	16QAM	1	0	18.75	18.65	18.62	20.5
		1	12	18.87	18.60	18.77	20.5
		1	24	18.61	18.68	18.58	20.5
		12	0	18.75	18.73	18.69	20.5
		12	6	18.62	18.74	18.63	20.5
		12	13	18.63	18.62	18.65	20.5
		25	0	18.55	18.58	18.69	20.5
	64QAM	1	0	18.58	18.70	18.54	20.5
		1	12	18.83	18.59	18.62	20.5
		1	24	18.57	18.55	18.72	20.5
		12	0	18.61	18.74	18.53	20.5
		12	6	18.53	18.78	18.73	20.5
		12	13	18.56	18.73	18.75	20.5
		25	0	18.71	18.72	18.60	20.5
	256QAM	1	0	18.79	18.56	18.71	20.5
		1	12	18.64	18.64	18.66	20.5
		1	24	18.87	18.64	18.57	20.5
		12	0	18.55	18.54	18.74	20.5
		12	6	18.69	18.74	18.74	20.5
		12	13	18.79	18.72	18.79	20.5
		25	0	18.72	18.70	18.75	20.5

LTE Band 7_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	16.89	16.88	16.98	18.5
		1	50	**17.17**	17.15	17.12	18.5
		1	99	17.04	16.87	16.91	18.5
		50	0	17.00	17.04	16.98	18.5
		50	25	16.78	16.92	17.03	18.5
		50	50	16.85	16.87	16.74	18.5
		100	0	17.00	17.08	16.89	18.5
	16QAM	1	0	17.07	16.83	16.83	18.5
		1	50	17.10	16.89	17.08	18.5
		1	99	16.78	16.78	16.89	18.5
		50	0	16.98	16.81	16.83	18.5
		50	25	16.80	16.84	16.73	18.5
		50	50	16.89	16.87	16.89	18.5
		100	0	16.94	16.81	16.85	18.5
	64QAM	1	0	16.71	16.94	16.82	18.5
		1	50	17.10	16.73	16.74	18.5
		1	99	16.84	16.77	16.92	18.5
		50	0	16.82	17.01	16.92	18.5
		50	25	16.77	16.89	16.81	18.5
		50	50	16.85	16.78	17.11	18.5
		100	0	16.73	17.08	16.83	18.5
	256QAM	1	0	16.89	16.68	16.72	18.5
		1	50	16.91	16.84	16.98	18.5
		1	99	17.03	16.89	16.94	18.5
		50	0	16.78	16.85	16.90	18.5
		50	25	16.95	16.89	16.84	18.5
		50	50	17.09	17.01	17.08	18.5
		100	0	16.75	16.90	16.91	18.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	16.87	16.82	16.88	18.5
		1	37	**17.12**	17.09	17.01	18.5
		1	74	16.92	16.72	16.85	18.5
		36	0	16.97	17.00	16.94	18.5
		36	19	16.75	16.85	16.89	18.5
		36	39	16.77	16.86	16.62	18.5
		75	0	16.96	17.00	16.87	18.5
	16QAM	1	0	17.05	16.82	16.72	18.5
		1	37	17.01	16.84	16.96	18.5
		1	74	16.63	16.68	16.81	18.5
		36	0	16.83	16.80	16.73	18.5
		36	19	16.78	16.73	16.64	18.5
		36	39	16.80	16.72	16.79	18.5
		75	0	16.90	16.78	16.72	18.5
	64QAM	1	0	16.61	16.88	16.67	18.5
		1	37	16.97	16.68	16.64	18.5
		1	74	16.71	16.71	16.85	18.5
		36	0	16.80	16.92	16.80	18.5
		36	19	16.71	16.76	16.67	18.5
		36	39	16.72	16.68	17.09	18.5
		75	0	16.67	17.04	16.82	18.5
	256QAM	1	0	16.84	16.59	16.59	18.5
		1	37	16.80	16.75	16.97	18.5
		1	74	16.98	16.87	16.91	18.5
		36	0	16.70	16.78	16.82	18.5
		36	19	16.81	16.78	16.69	18.5
		36	39	17.05	16.96	17.02	18.5
		75	0	16.64	16.85	16.82	18.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	16.84	16.78	16.88	18.5
		1	24	**17.13**	17.11	17.01	18.5
		1	49	16.96	16.74	16.90	18.5
		25	0	16.87	16.89	16.90	18.5
		25	12	16.71	16

CE LTE_DSI3

LTE Band 38_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2590	2600	
20M	QPSK	1	0	23.70	**23.75**	23.62	24.5
		1	50	23.52	23.52	23.46	24.5
		1	99	23.46	23.45	23.22	24.5
		50	0	22.78	22.76	22.72	23.5
		50	25	22.59	22.70	22.66	23.5
		50	50	22.55	22.73	22.72	23.5
		100	0	22.60	22.64	22.51	23.5
	16QAM	1	0	22.53	22.37	22.38	23.5
		1	50	22.65	22.46	22.51	23.5
		1	99	22.52	22.42	22.43	23.5
		50	0	21.79	21.70	21.61	22.5
		50	25	21.67	21.69	21.56	22.5
		50	50	21.62	21.64	21.48	22.5
		100	0	21.72	21.59	21.68	22.5
	64QAM	1	0	21.96	21.75	21.93	22.5
		1	50	21.80	21.68	21.68	22.5
		1	99	21.59	21.43	21.42	22.5
		50	0	20.75	20.63	20.72	21.5
		50	25	20.76	20.74	20.76	21.5
		50	50	20.73	20.68	20.61	21.5
		100	0	20.68	20.73	20.55	21.5
	256QAM	1	0	18.75	18.67	18.64	19.5
		1	50	18.77	18.67	18.70	19.5
		1	99	18.45	18.38	18.29	19.5
		50	0	18.74	18.63	18.73	19.5
		50	25	18.73	18.62	18.66	19.5
		50	50	18.73	18.73	18.50	19.5
		100	0	18.63	18.61	18.62	19.5
BW	Modulation	Channel		37925	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2590	2612.5	
15M	QPSK	1	0	**23.65**	23.64	23.48	24.5
		1	37	23.51	23.47	23.38	24.5
		1	74	23.31	23.32	23.10	24.5
		36	0	22.63	22.66	22.64	23.5
		36	19	22.44	22.59	22.55	23.5
		36	39	22.41	22.69	22.60	23.5
		75	0	22.47	22.59	22.39	23.5
	16QAM	1	0	22.49	22.30	22.31	23.5
		1	37	22.60	22.44	22.40	23.5
		1	74	22.44	22.37	22.40	23.5
		36	0	21.70	21.56	21.56	22.5
		36	19	21.63	21.54	21.42	22.5
		36	39	21.54	21.63	21.33	22.5
		75	0	21.68	21.56	21.54	22.5
	64QAM	1	0	21.83	21.60	21.84	22.5
		1	37	21.76	21.65	21.61	22.5
		1	74	21.48	21.32	21.30	22.5
		36	0	20.70	20.48	20.62	21.5
		36	19	20.67	20.71	20.74	21.5
		36	39	20.61	20.53	20.59	21.5
		75	0	20.62	20.59	20.46	21.5
	256QAM	1	0	18.66	18.52	18.62	19.5
		1	37	18.71	18.54	18.68	19.5
		1	74	18.38	18.35	18.14	19.5
		36	0	18.63	18.51	18.64	19.5
		36	19	18.59	18.60	18.65	19.5
		36	39	18.70	18.59	18.45	19.5
		75	0	18.54	18.56	18.52	19.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2590	2605	
10M	QPSK	1	0	23.61	**23.64**	23.49	24.5
		1	24	23.46	23.38	23.35	24.5
		1	49	23.39	23.43	23.09	24.5
		25	0	22.69	22.68	22.66	23.5
		25	12	22.51	22.58	22.52	23.5
		25	25	22.47	22.61	22.69	23.5
		50	0	22.47	22.52	22.43	23.5
	16QAM	1	0	22.43	22.36	22.37	23.5
		1	24	22.52	22.44	22.38	23.5
		1	49	22.41	22.32	22.31	23.5
		25	0	21.68	21.63	21.56	22.5
		25	12	21.66	21.58	21.43	22.5
		25	25	21.50	21.49	21.36	22.5
		50	0	21.60	21.57	21.66	22.5
	64QAM	1	0	21.93	21.68	21.85	22.5
		1	24	21.71	21.64	21.54	22.5
		1	49	21.57	21.32	21.32	22.5
		25	0	20.69	20.53	20.58	21.5
		25	12	20.70	20.64	20.63	21.5
		25	25	20.70	20.62	20.60	21.5
		50	0	20.57	20.64	20.47	21.5
	256QAM	1	0	18.60	18.64	18.52	19.5
		1	24	18.73	18.54	18.63	19.5
		1	49	18.32	18.34	18.22	19.5
		25	0	18.63	18.48	18.65	19.5
		25	12	18.68	18.53	18.51	19.5
		25	25	18.72	18.69	18.48	19.5
		50	0	18.51	18.58	18.57	19.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2590	2617.5	
5M	QPSK	1	0	23.61	**23.65**	23.54	24.5
		1	12	23.37	23.40	23.38	24.5
		1	24	23.40	23.39	23.16	24.5
		12	0	22.70	22.68	22.70	23.5
		12	6	22.54	22.66	22.59	23.5
		12	13	22.51	22.62	22.60	23.5
		25	0	22.48	22.52	22.38	23.5
	16QAM	1	0	22.49	22.33	22.29	23.5
		1	12	22.62	22.35	22.39	23.5
		1	24	22.48	22.31	22.31	23.5
		12	0	21.67	21.68	21.49	22.5
		12	6	21.52	21.59	21.52	22.5
		12	13	21.48	21.61	21.37	22.5
		25	0	21.66	21.49	21.59	22.5
	64QAM	1	0	21.91	21.73	21.86	22.5
		1	12	21.73	21.64	21.61	22.5
		1	24	21.48	21.39	21.30	22.5
		12	0	20.63	20.48	20.68	21.5
		12	6	20.66	20.65	20.65	21.5
		12	13	20.62	20.61	20.50	21.5
		25	0	20.65	20.69	20.47	21.5
	256QAM	1	0	18.69	18.52	18.49	19.5
		1	12	18.68	18.56	18.62	19.5
		1	24	18.35	18.33	18.21	19.5
		12	0	18.66	18.50	18.62	19.5
		12	6	18.59	18.47	18.54	19.5
		12	13	18.60	18.63	18.42	19.5
		25	0	18.49	18.49	18.54	19.5

LTE Band 38_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2590	2600	
20M	QPSK	1	0	19.86	19.98	19.95	21
		1	50	19.92	20.05	**20.06**	21
		1	99	19.88	19.90	19.68	21
		50	0	19.81	19.92	19.97	21
		50	25	19.95	20.05	19.93	21
		50	50	19.95	19.86	19.91	21
		100	0	19.77	19.98	19.90	21
	16QAM	1	0	19.90	19.88	19.81	21
		1	50	19.84	19.93	19.94	21
		1	99	19.67	19.86	20.04	21
		50	0	19.75	19.62	19.97	21
		50	25	19.77	19.89	19.83	21
		50	50	19.92	19.80	19.78	21
		100	0	19.81	19.85	20.06	21
	64QAM	1	0	19.49	19.74	19.88	21
		1	50	19.56	19.72	19.93	21
		1	99	19.79	19.60	19.62	21
		50	0	19.81	19.98	19.85	21
		50	25	19.86	19.80	19.71	21
		50	50	19.93	19.64	20.01	21
		100	0	19.85	20.04	19.93	21
	256QAM	1	0	19.38	19.30	19.35	20.5
		1	50	19.51	19.41	19.50	20.5
		1	99	19.29	19.23	19.21	20.5
		50	0	19.28	19.38	19.48	20.5
		50	25	19.39	19.48	19.56	20.5
		50	50	19.45	19.43	19.52	20.5
		100	0	19.27	19.47	19.37	20.5
BW	Modulation	Channel		37925	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2590	2612.5	
15M	QPSK	1	0	19.76	19.91	19.88	21
		1	37	19.91	19.90	19.97	21
		1	74	19.79	19.85	19.87	21
		36	0	19.80	19.81	19.85	21
		36	19	19.90	**20.02**	19.91	21
		36	39	19.83	19.84	19.81	21
		75	0	19.69	19.98	19.79	21
	16QAM	1	0	19.89	19.84	19.80	21
		1	37	19.70	19.91	19.84	21
		1	74	19.62	19.85	19.99	21
		36	0	19.74	19.55	19.95	21
		36	19	19.73	19.83	19.71	21
		36	39	19.86	19.73	19.64	21
		75	0	19.69	19.74	19.98	21
	64QAM	1	0	19.47	19.60	19.78	21
		1	37	19.55	19.57	19.87	21
		1	74	19.64	19.53	19.58	21
		36	0	19.70	19.83	19.77	21
		36	19	19.77	19.72	19.59	21
		36	39	19.85	19.54	19.96	21
		75	0	19.70	19.89	19.87	21
	256QAM	1	0	19.30	19.20	19.22	20.5
		1	37	19.36	19.28	19.48	20.5
		1	74	19.20	19.11	19.10	20.5
		36	0	19.25	19.24	19.46	20.5
		36	19	19.28	19.46	19.41	20.5
		36	39	19.43	19.42	19.39	20.5
		75	0	19.12	19.33	19.32	20.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2590	2605	
10M	QPSK	1	0	19.75	19.87	19.91	21
		1	24	19.87	19.98	19.99	21
		1	49	19.82	19.81	19.66	21
		25	0	19.68	19.91	19.86	21
		25	12	19.88	19.90	19.88	21
		25	25	19.86	19.83	19.77	21
		50	0	19.68	19.90	19.83	21
	16QAM	1	0	19.86	19.87	19.76	21
		1	24	19.74	19.88	19.79	21
		1	49	19.62	19.77	20.01	21
		25	0	19.68	19.58	19.93	21
		25	12	19.70	19.82	19.72	21
		25	25	19.82	19.72	19.67	21
		50	0	19.68	19.74	**19.84**	21
	64QAM	1	0	19.38	19.67	19.74	21
		1	24	19.51	19.69	19.87	21
		1	49	19.69	19.55	19.49	21
		25	0	19.67	19.86	19.73	21
		25	12	19.73	19.76	19.62	21
		25	25	19.85	19.50	19.91	21
		50	0	19.77	20.03	19.83	21
	256QAM	1	0	19.37	19.24	19.31	20.5
		1	24	19.42	19.40	19.46	20.5
		1	49	19.14	19.17	19.12	20.5
		25	0	19.14	19.28	19.36	20.5
		25	12	19.36	19.36	19.42	20.5
		25	25	19.36	19.33	19.39	20.5
		50	0	19.19	19.42	19.23	20.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2590	2617.5	
5M	QPSK	1	0	19.74	19.84	19.94	21
		1	12	19.88	19.96	19.95	21
		1	24	19.74	19.83	19.60	21
		12	0	19.78	19.80	19.83	21
		12	6	19.94	19.94	19.80	21
		12	13	19.89	19.79	19.87	21
		25	0	19.68	19.88	19.89	21
	16QAM	1	0	19.89	19.75	19.77	21
		1	12	19.83	19.83	19.83	21
		1	24	19.63	19.73	19.97	21
		12	0	19.68	19.48	19.87	21
		12	6	19.77	19.68	19.69	21
		12	13	19.80	19.65	19.71	21
		25	0	19.70	19.72	**20.03**	21
	64QAM	1	0	19.37	19.59	19.79	21
		1	12	19.44	19.69	19.82	21
		1	24	19.75	19.61	19.56	21
		12	0	19.78	19.96	19.73	21
		12	6	19.79	19.65	19.61	21
		12	13	19.92	19.62	20.00	21
		25	0	19.84	19.93	19.82	21
	256QAM	1	0	19.30	19.26	19.20	20.5
		1	12	19.39	19.28	19.35	20.5
		1	24	19.20	19.20	19.14	20.5
		12	0	19.15	19.24	19.35	20.5
		12	6	19.25	19.38	19.49	20.5
		12	13	19.39	19.39	19.51	20.5
		25	0	19.16	19.37	19.28	20.5

LTE Band 38_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2590	2600	
20M	QPSK	1	0	22.62	**22.82**	22.68	23.5
		1	50	22.66	22.73	22.59	23.5
		1	99	22.67	22.66	22.47	23.5
		50	0	22.70	22.79	22.61	23.5
		50	25	22.44	22.63	22.48	23.5
		50	50	22.53	22.44	22.49	23.5
		100	0	22.48	22.81	22.51	23.5
	16QAM	1	0	22.47	22.59	22.52	23.5
		1	50	22.56	22.64	22.60	23.5
		1	99	22.38	22.52	22.61	23.5
		50	0	22.58	22.36	22.54	23.5
		50	25	22.40	22.57	22.47	23.5
		50	50	22.73	22.60	22.37	23.5
		100	0	22.53	22.39	22.66	23.5
	64QAM	1	0	22.19	22.43	22.50	23.5
		1	50	22.23	22.35	22.60	23.5
		1	99	22.34	22.21	22.33	23.5
		50	0	21.53	21.67	21.63	22.5
		50	25	21.60	21.67	21.57	22.5
		50	50	21.54	21.81	21.58	22.5
		100	0	21.58	21.62	21.45	22.5
	256QAM	1	0	19.54	19.57	19.58	20.5
		1	50	19.67	19.73	19.66	20.5
		1	99	19.39	19.38	19.42	20.5
		50	0	19.68	19.72	19.53	20.5
		50	25	19.67	19.58	19.57	20.5
		50	50	19.51	19.67	19.63	20.5
		100	0	19.56	19.68	19.54	20.5
BW	Modulation	Channel		37925	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2590	2612.5	
15M	QPSK	1	0	22.50	22.70	22.56	23.5
		1	37	22.51	22.63	22.52	23.5
		1	74	22.68	22.63	22.41	23.5
		36	0	22.66	22.69	22.56	23.5
		36	19	22.33	22.61	22.41	23.5
		36	39	22.40	22.37	22.47	23.5
		75	0	22.47	**22.72**	22.38	23.5
	16QAM	1	0	22.52	22.57	22.43	23.5
		1	37	22.52	22.51	22.46	23.5
		1	74	22.32	22.47	22.58	23.5
		36	0	22.46	22.23	22.52	23.5
		36	19	22.34	22.44	22.38	23.5
		36	39	22.62	22.57	22.29	23.5
		75	0	22.50	22.35	22.51	23.5
	64QAM	1	0	22.10	22.38	22.46	23.5
		1	37	22.15	22.32	22.59	23.5
		1	74	22.28	22.17	22.30	23.5
		36	0	21.49	21.62	21.50	22.5
		36	19	21.51	21.61	21.49	22.5
		36	39	21.50	21.70	21.48	22.5
		75	0	21.50	21.57	21.44	22.5
	256QAM	1	0	19.51	19.55	19.53	20.5
		1	37	19.66	19.69	19.58	20.5
		1	74	19.31	19.32	19.35	20.5
		36	0	19.61	19.64	19.52	20.5
		36	19	19.66	19.56	19.47	20.5
		36	39	19.44	19.66	19.56	20.5
		75	0	19.44	19.53	19.42	20.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2590	2605	
10M	QPSK	1	0	22.58	22.67	22.60	23.5
		1	24	22.56	22.69	22.51	23.5
		1	49	22.62	22.63	22.43	23.5
		25	0	22.60	**22.77**	22.55	23.5
		25	12	22.32	22.60	22.47	23.5
		25	25	22.46	22.31	22.48	23.5
		50	0	22.40	22.75	22.39	23.5
	16QAM	1	0	22.46	22.52	22.42	23.5
		1	24	22.50	22.60	22.57	23.5
		1	49	22.29	22.40	22.32	23.5
		25	0	22.53	22.31	22.51	23.5
		25	12	22.35	22.43	22.41	23.5
		25	25	22.66	22.45	22.23	23.5
		50	0	22.44	22.28	22.63	23.5
	64QAM	1	0	22.05	22.32	22.42	23.5
		1	24	22.14	22.20	22.55	23.5
		1	49	22.19	22.19	22.31	23.5
		25	0	21.40	21.64	21.50	22.5
		25	12	21.48	21.54	21.44	22.5
		25	25	21.39	21.79	21.55	22.5
		50	0	21.55	21.51	21.33	22.5
	256QAM	1	0	19.45	19.51	19.46	20.5
		1	24	19.63	19.59	19.62	20.5
		1	49	19.31	19.23	19.29	20.5
		25	0	19.56	19.62	19.50	20.5
		25	12	19.52	19.55	19.54	20.5
		25	25	19.47	19.62	19.49	20.5
		50	0	19.50	19.58	19.52	20.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2590	2617.5	
5M	QPSK	1	0	22.51	22.74	22.55	23.5
		1	12	22.61	22.60	22.45	23.5
		1	24	22.64	22.63	22.34	23.5
		12	0	22.64	**22.77**	22.56	23.5
		12	6	22.34	22.59	22.43	23.5
		12	13	22.45	22.29	22.48	23.5
		25	0	22.41	22.75	22.43	23.5
	16QAM	1	0	22.38	22.55	22.40	23.5
		1	12	22.41	22.50	22.59	23.5
		1	24	22.35	22.45	22.47	23.5
		12	0	22.50	22.30	22.49	23.5
		12	6	22.32	22.42	22.34	23.5
		12	13	22.65	22.57	22.34	23.5
		25	0	22.38	22.28	22.55	23.5
	64QAM	1	0	22.09	22.42	22.43	23.5
		1	12	22.13	22.24	22.55	23.5
		1	24	22.30	22.15	22.20	23.5
		12	0	21.47	21.64	21.61	22.5
		12	6	21.46	21.65	21.42	22.5
		12	13	21.48	21.77	21.48	22.5
		25	0	21.48	21.58	21.44	22.5
	256QAM	1	0	19.41	19.53	19.45	20.5
		1	12	19.57	19.68	19.62	20.5
		1	24	19.34	19.34	19.32	20.5
		12	0	19.57	19.69	19.52	20.5
		12	6	19.59	19.51	19.50	20.5
		12	13	19.41	19.65	19.51	20.5
		25	0	19.44	19.53	19.39	20.5

LTE Band 38_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2590	2600	
20M	QPSK	1	0	18.17	18.32	18.26	20
		1	50	18.52	18.53	**18.67**	20
		1	99	18.46	18.40	18.48	20
		50	0	18.30	18.39	18.34	20
		50	25	18.25	18.34	18.37	20
		50	50	18.27	18.10	18.45	20
		100	0	18.21	18.35	18.48	20
	16QAM	1	0	18.41	18.33	18.52	20
		1	50	18.40	18.19	18.38	20
		1	99	18.23	18.22	18.36	20
		50	0	18.29	18.34	18.28	20
		50	25	18.12	18.15	18.45	20
		50	50	18.44	18.17	18.31	20
		100	0	18.24	18.29	18.41	20
	64QAM	1	0	18.39	18.23	18.39	20
		1	50	18.34	18.07	18.10	20
		1	99	18.08	18.14	18.29	20
		50	0	18.21	18.21	18.55	20
		50	25	18.51	18.21	18.26	20
		50	50	18.17	18.48	18.34	20
		100	0	18.47	18.39	18.15	20
	256QAM	1	0	18.30	18.42	18.26	20
		1	50	18.50	18.22	18.33	20
		1	99	18.56	18.20	18.11	20
		50	0	18.37	18.27	18.36	20
		50	25	18.24	18.22	18.52	20
		50	50	18.32	18.25	18.32	20
		100	0	18.35	18.17	18.23	20
BW	Modulation	Channel		37925	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2590	2612.5	
15M	QPSK	1	0	18.12	18.30	18.11	20
		1	37	18.41	18.48	**18.56**	20
		1	74	18.45	18.35	18.40	20
		36	0	18.15	18.25	18.22	20
		36	19	18.22	18.30	18.31	20
		36	39	18.18	18.05	18.33	20
		75	0	18.19	18.26	18.39	20
	16QAM	1	0	18.33	18.19	18.44	20
		1	37	18.31	18.11	18.31	20
		1	74	18.08	18.10	18.31	20
		36	0	18.21	18.21	18.27	20
		36	19	18.32	18.01	18.30	20
		36	39	18.30	18.08	18.10	20
		75	0	18.10	18.23	18.31	20
	64QAM	1	0	18.25	18.10	18.34	20
		1	37	18.30	18.33	18.01	20
		1	74	18.07	18.13	18.23	20
		36	0	18.13	18.20	18.54	20
		36	19	18.49	18.10	18.25	20
		36	39	18.11	18.38	18.32	20
		75	0	18.39	18.38	18.14	20
	256QAM	1	0	18.27	18.33	18.17	20
		1	37	18.48	18.13	18.27	20
		1	74	18.51	18.16	18.10	20
		36	0	18.30	18.21	18.27	20
		36	19	18.15	18.20	18.50	20
		36	39	18.27	18.10	18.25	20
		75	0	18.28	18.16	18.10	20
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2590	2605	
10M	QPSK	1	0	18.13	18.29	18.17	20
		1	24	18.44	18.43	**18.54**	20
		1	49	18.42	18.29	18.44	20
		25	0	18.15	18.36	18.25	20
		25	12	18.11	18.30	18.26	20
		25	25	18.23	18.29	18.36	20
		50	0	18.16	18.31	18.44	20
	16QAM	1	0	18.35	18.25	18.37	20
		1	24	18.34	18.04	18.30	20
		1	49	18.21	18.16	18.23	20
		25	0	18.17	18.25	18.22	20
		25	12	18.32	18.12	18.30	20
		25	25	18.39	18.04	18.16	20

CE LTE_DSI3

LTE Band #1_Ant0

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max Tune-up (dBm)
		Channel		18700	18725	18825	18925	18950	
		Frequency (MHz)		1920	1922.5	1932.5	1942.5	1945	
20M	QPSK	1	0	**23.31**	23.17	23.30	23.21	22.77	24
		1	50	23.07	23.02	23.12	22.99	22.60	24
		1	99	23.06	22.99	23.05	22.91	22.61	24
		50	0	22.79	22.69	22.82	22.66	22.39	23.5
		50	25	22.83	22.81	22.82	22.69	22.28	23.5
		50	50	22.63	22.55	22.69	22.59	22.21	23.5
		100	0	22.68	22.60	22.66	22.60	22.22	23.5
	16QAM	1	0	22.83	22.67	22.80	22.60	22.26	23.5
		1	50	22.66	22.60	22.73	22.62	22.21	23.5
		1	99	22.36	22.25	22.35	22.23	22.16	23.5
		50	0	21.76	21.51	21.58	21.62	21.23	22.5
		50	25	21.74	21.63	21.66	21.69	21.33	22.5
		50	50	21.72	21.46	21.57	21.60	21.38	22.5
		100	0	21.75	21.63	21.69	21.72	21.12	22.5
	64QAM	1	0	21.68	21.52	21.65	21.67	21.27	22.5
		1	50	21.64	21.58	21.67	21.70	21.20	22.5
		1	99	21.65	21.44	21.58	21.62	21.29	22.5
		50	0	20.80	20.72	20.91	20.79	20.32	21.5
		50	25	20.83	20.61	20.72	20.65	20.29	21.5
		50	50	20.69	20.62	20.67	20.49	20.17	21.5
		100	0	20.69	20.71	20.75	20.59	20.09	21.5
	256QAM	1	0	18.78	18.53	18.58	18.63	18.21	19.5
		1	50	18.71	18.47	18.53	18.59	18.27	19.5
		1	99	18.46	18.25	18.40	18.48	18.08	19.5
		50	0	18.72	18.62	18.67	18.58	18.26	19.5
		50	25	18.84	18.53	18.62	18.69	18.31	19.5
		50	50	18.63	18.49	18.49	18.52	18.25	19.5
		100	0	18.66	18.63	18.64	18.52	18.27	19.5

BW	Modulation	Channel		18700	18725	18825	18925	18950	Max Tune-up (dBm)
		Frequency (MHz)		1920.3	1940.3	2000	2057.8	2080.5	
15M	QPSK	1	0	**23.29**	23.16	23.19	23.07	22.70	24
		1	37	22.95	22.95	23.10	22.92	22.69	24
		1	74	23.02	22.98	22.96	22.89	22.50	24
		36	0	22.85	22.54	22.61	22.41	22.35	23.5
		36	19	22.89	22.47	22.72	22.57	22.19	23.5
		36	39	22.53	22.58	22.58	22.58	22.29	23.5
		75	0	22.57	22.59	22.62	22.51	22.21	23.5
	16QAM	1	0	22.77	22.68	23.28	22.62	22.13	23.5
		1	37	22.54	22.54	22.73	22.64	22.10	23.5
		1	74	22.32	22.10	22.33	22.10	22.11	23.5
		36	0	21.86	21.58	21.54	21.38	21.17	22.5
		36	19	21.91	21.64	21.49	21.24	21.29	22.5
		36	39	21.81	21.58	21.49	21.46	21.27	22.5
		75	0	21.67	21.67	21.56	21.57	21.01	22.5
	64QAM	1	0	21.85	21.63	21.58	21.48	21.18	22.5
		1	37	21.52	21.49	21.52	21.52	21.22	22.5
		1	74	21.80	21.56	21.40	21.36	21.10	22.5
		36	0	20.69	20.69	20.76	20.67	20.24	21.5
		36	19	20.51	20.42	20.69	20.51	20.19	21.5
		36	39	20.57	20.49	20.56	20.59	20.13	21.5
		75	0	20.55	20.47	20.66	20.70	19.94	21.5
	256QAM	1	0	18.70	18.52	18.49	18.43	18.16	19.5
		1	37	18.70	18.57	18.44	18.46	18.32	19.5
		1	74	18.41	18.37	18.36	18.22	18.03	19.5
		36	0	18.67	18.49	18.52	18.39	18.16	19.5
		36	19	18.76	18.60	18.50	18.44	17.98	19.5
		36	39	18.66	18.52	18.36	18.47	18.18	19.5
		75	0	18.31	18.44	18.31	18.56	18.26	19.5

BW	Modulation	Channel		18700	18725	18825	18925	18950	Max Tune-up (dBm)
		Frequency (MHz)		1917.5	1940	2000	2060	2082.5	
10M	QPSK	1	0	23.25	23.20	**23.26**	23.14	22.73	24
		1	24	22.96	22.92	23.06	23.01	22.73	24
		1	49	22.91	22.76	22.93	22.92	22.54	24
		25	0	22.96	22.98	23.03	23.07	22.65	23.5
		25	12	22.57	22.55	22.53	22.59	22.21	23.5
		25	25	22.56	22.44	22.46	22.41	22.12	23.5
		50	0	22.63	22.52	22.61	22.49	22.16	23.5
	16QAM	1	0	22.76	22.67	22.45	22.43	22.14	23.5
		1	24	22.59	22.58	22.68	22.63	22.16	23.5
		1	49	22.39	22.17	22.27	22.23	22.04	23.5
		25	0	21.62	21.48	21.33	21.43	21.16	22.5
		25	12	21.72	21.61	21.64	21.48	21.25	22.5
		25	25	21.69	21.52	21.40	21.48	21.26	22.5
		50	0	21.64	21.68	21.60	21.62	21.08	22.5
	64QAM	1	0	21.56	21.54	21.63	21.49	21.18	22.5
		1	24	21.51	21.52	21.58	21.52	21.23	22.5
		1	49	21.50	21.57	21.51	21.36	21.13	22.5
		25	0	20.70	20.78	20.66	20.66	20.24	21.5
		25	12	20.55	20.49	20.60	20.57	20.24	21.5
		25	25	20.57	20.36	20.64	20.47	20.06	21.5
		50	0	20.66	20.59	20.66	20.65	19.99	21.5
	256QAM	1	0	18.77	18.58	18.48	18.53	18.19	19.5
		1	24	18.66	18.58	18.48	18.53	18.23	19.5
		1	49	18.41	18.37	18.35	18.16	17.96	19.5
		25	0	18.64	18.49	18.49	18.49	18.18	19.5
		25	12	18.70	18.71	18.32	18.41	18.10	19.5
		25	25	18.57	18.40	18.36	18.37	18.10	19.5
		50	0	18.61	18.41	18.49	18.57	18.19	19.5

BW	Modulation	Channel		18675	18700	18825	18950	18975	Max Tune-up (dBm)
		Frequency (MHz)		1915	1940	2000	2060	2085	
5M	QPSK	1	0	**23.29**	23.02	23.16	23.07	22.70	24
		1	12	22.99	22.96	23.16	23.07	22.79	24
		1	24	22.93	22.91	23.00	22.76	22.58	24
		12	0	22.76	22.40	22.53	22.57	22.31	23.5
		12	6	22.91	22.58	22.66	22.45	22.17	23.5
		12	13	22.91	22.42	22.64	22.50	22.20	23.5
		25	0	22.56	22.58	22.52	22.55	22.16	23.5
	16QAM	1	0	22.73	22.39	22.56	22.46	22.21	23.5
		1	12	22.66	22.57	22.61	22.48	22.13	23.5
		1	24	22.23	22.24	22.24	22.16	22.01	23.5
		12	0	21.85	21.39	21.49	21.48	21.09	22.5
		12	6	21.86	21.58	21.66	21.58	21.18	22.5
		12	13	21.59	21.39	21.46	21.53	21.24	22.5
		25	0	21.71	21.53	21.57	21.66	21.11	22.5
	64QAM	1	0	21.55	21.37	21.54	21.51	21.19	22.5
		1	12	21.49	21.39	21.47	21.47	21.12	22.5
		1	24	21.62	21.39	21.54	21.47	21.12	22.5
		12	0	20.67	20.65	20.75	20.71	20.29	21.5
		12	6	20.51	20.49	20.66	20.54	20.19	21.5
		12	13	20.59	20.55	20.66	20.42	20.03	21.5
		25	0	20.60	20.66	20.66	20.61	19.99	21.5
	256QAM	1	0	18.77	18.47	18.42	18.53	18.16	19.5
		1	12	18.67	18.32	18.46	18.53	18.21	19.5
		1	24	18.32	18.13	18.36	18.39	18.07	19.5
		12	0	18.53	18.49	18.56	18.56	18.17	19.5
		12	6	18.73	18.49	18.56	18.49	18.17	19.5
		12	13	18.51	18.37	18.41	18.46	18.22	19.5
		25	0	18.64	18.56	18.46	18.56	18.17	19.5

LTE Band #1_Ant2

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max Tune-up (dBm)
		Channel		18700	18725	18825	18925	18950	
		Frequency (MHz)		1920	1922.5	1932.5	1942.5	1945	
20M	QPSK	1	0	**22.82**	22.74	22.83	22.68	22.72	23.5
		1	50	22.61	22.43	22.57	22.47	20.62	23.5
		1	99	22.54	22.53	22.64	22.54	22.09	21.5
		50	0	22.53	22.25	22.45	22.53	20.82	21.5
		50	25	22.58	22.50	22.49	22.59	20.68	21.5
		50	50	22.43	22.44	22.48	22.39	20.42	21.5
		100	0	22.75	22.59	22.53	22.43	20.59	21.5
	16QAM	1	0	22.62	22.48	22.51	22.29	20.80	21.5
		1	50	22.37	22.30	22.28	22.28	20.64	21.5
		1	99	22.43	22.17	22.18	22.24	20.29	21.5
		50	0	22.41	22.67	22.70	22.37	20.51	21.5
		50	25	22.30	22.59	22.33	22.27	20.33	21.5
		50	50	22.39	22.19	22.23	22.56	20.71	21.5
		100	0	22.36	22.16	22.25	22.63	20.67	21.5
	64QAM	1	0	22.11	22.37	20.43	20.21	20.35	21.5
		1	50	21.92	22.22	20.28	20.28	20.44	21.5
		1	99	21.89	21.98	20.28	20.29	20.29	21.5
		50	0	20.41	20.67	20.70	20.37	20.51	21.5
		50	25	20.80	20.59	20.39	20.27	20.33	21.5
		50	50	20.36	20.19	20.23	20.56	20.71	21.5
		100	0	20.51	20.57	20.62	20.41	20.49	21.5
	256QAM	1	0	19.37	19.33	19.58	19.14	19.27	20.5
		1	50	19.44	19.34	19.45	19.32	19.39	20.5
		1	99	19.46	19.26	19.37	19.67	19.16	20.5
		50	0	19.36	19.36	19.39	19.26	19.37	20.5
		50	25	19.61	19.50	19.49	19.37	19.61	20.5
		50	50	19.292	19.39	19.050	19.33	19.36	20.5
		100	0	19.52	19.37	19.49	19.32	19.452	20.5

BW	Modulation	Channel		18675	18700	18825	18950	18975	Max Tune-up (dBm)
		Frequency (MHz)		1915	1940	2000	2060	2085	
15M	QPSK	1	0	**22.82**	22.74	22.83	22.68	22.72	23.5
		1	37	22.58	22.46	22.61	22.54	20.65	23.5
		1	74	22.59	22.49	22.59	22.53	20.68	23.5
		36	0	22.49	22.17	22.18	22.24	20.29	21.5
		36	19	22.23	22.09	22.24	22.40	20.64	21.5
		36	39	22.30	22.10	22.20	22.28	20.44	21.5
		75	0	22.43	22.17	22.18	22.24	20.29	21.5
	16QAM	1	0	22.31	22.20	22.47	22.21	20.31	21.5
		1	37	22.45	22.39	22.20	22.33	20.37	21.5
		1	74	22.35	22.17	22.43	22.44	20.59	21.5
		36	0	20.33	20.27	20.55	20.39	20.49	21.5
		36	19	20.21	20.09	20.42	20.43	20.44	21.5
		36	39	20.38	20.61	20.28	20.15	20.21	21.5
		75	0	20.27	20.21	20.11	20.62	20.60	21.5
	64QAM	1	0	20.50	20.56	20.37	20.15	20.30	21.5
		1	37	20.07	20.12	20.24	20.17	20.41	21.5
		1	74	20.29	20.22	20.19	20.15	20.17	21.5
		36	0	20.31	20.17	20.64	20.23	20.40	21.5
		36	19	20.47	20.39	20.24	20.22	20.24	21.5
		36	39	20.37	20.24	20.19	20.53	20.67	21.5
		75	0	20.46	20.33	20.55	20.36	20.42	21.5
	256QAM	1	0	19.34	19.47	19.45	19.09	19.23	20.5
		1	37	19.69	19.59	19.32	19.19	19.19	20.5
		1	74	19.40	19.22	19.23	19.03	19.05	20.5
		36	0	19.48	19.32	19.30	19.24	19.31	20.5
		36	19	19.52	19.43	19.54	19.35	19.31	20.5
		36	39	19.47	19.29	19.42	19.30	19.29	20.5
		75	0	19.37	19.33	19.36	19.27	19.34	20.5

BW	Modulation	Channel		18650	18700	18825	18950	19000	Max Tune-up (dBm)
		Frequency (MHz)		1910	1940	2000	2060	2090	
10M	QPSK	1	0	**22.82**	22.74	22.83	22.68	22.72	23.5
		1	24	22.58	22.39	22.49	22.48	20.61	23.5
		1	49	22.42	22.52	22.59	22.35	20.57	23.5
		25	0	22.46	22.22	22.29	22.41	20.57	21.5
		25	12	22.66	22.41	22.41	22.56	20.68	21.5
		25	25	22.35	22.31	22.37	22.19	20.41	21.5
		50	0	22.60	22.35	22.49	22.49	20.51	21.5
	16QAM	1	0	22.36	22.44	22.47	22.24	20.27	21.5
		1	24	22.42	22.28	22.33	22.40	20.43	21.5
		1	49	22.16	22.20	22.33	22.12	20.58	21.5
		25	0	22.30	22.10	22.14	22.24	20.41	21.5
		25	12	22.22	22.46	22.49	22.10	20.47	21.5
		25	25	22.38	22.22	22.28	22.41	20.25	21.5
		50	0	22.38	22.15	22.24	22.10	20.62	21.5
	64QAM	1	0	22.36	22.26	22.33	22.56	20.28	21.5
		1	24	22.14	22.18	22.27	22.08	20.29	21.5
		1	49	22.36	22.07	22.19	22.12	20.25	21.5
		25	0	21.60	21.48	21.42	21.62	20.06	22.5
		25	12	21.72	21.61	21.64	21.48	21.25	22.5
		25	25	21.69	21.52	21.40	21.48	21.26	22.5
		50	0	21.64	21.68	21.60	21.62	21.08	22.5
	256QAM	1	0	19.49	19.44	19.17	19.29	19.15	20.5
		1	24	19.36	19.18	19.24	19.11	19.16	20.5
		1	49	19.34	19.27	19.09	19.12	19.07	20.5
		25	0	19.24	19.11	19.32	19.13	19.02	20.5
		25	12	19.53	19.60	19.09	19.07	19.26	20.5
		25	25	19.25	19.09	19.41	19.21	19.02	20.5
		50	0	19.57	19.62	19.32	19.07	19.23	20.5

BW	Modulation	Channel		18625	18700	18825	18950	19025	Max Tune-up (dBm)
		Frequency (MHz)		1907.5	1940	2000	2060	2092.5	
5M	QPSK	1	0	**23.24**	23.20	**23.26**	23.14	22.73	24
		1	12	22.96	22.92	23.06	23.01	22.73	24
		1	24	22.91	22.76	22.93	22.92	22.54	24
		12	0	22.96	22.98	23.03	23.07	22.65	23.5
		12	6	22.57	22.55	22.53	22.59	22.21	23.5
		12	13	22.56	22.44	22.46	22.41	22.12	23.5
		25	0	22.63	22.52	22.61	22.49	22.16	23.5
	16QAM	1	0	22.76	22.67	22.45	22.43	22.14	23.5
		1	12	22.59	22.58	22.68	22.63	22.16	23.5
		1	24	22.39	22.17	22.27	22.23	22.04	23.5
		12	0	21.62	21.48	21.33	21.43	21.16	22.5
		12	6	21.72	21.61	21.64	21.48	21.25	22.5
		12	13	21.69	21.52	21.40	21.48	21.26	22.5
		25	0	21.64	21.68	21.60	21.62	21.08	22.5
	64QAM	1	0	21.56	21.54	21.63	21.49	21.18	22.5
		1	12	21.51	21.52	21.58	21.52	21.23	22.5
		1	24	21.50	21.57	21.51	21.36	21.13	22.5
		12	0	20.70	20.78	20.66	20.66	20.24	21.5
		12	6	20.55	20.49	20.60	20.57	20.24	21.5
		12	13	20.57	20.36	20.64	20.47	20.06	21.5
		25	0	20.66	20.59	20.66	20.65	19.99	21.5
	256QAM	1	0	18.77	18.58	18.48	18.53	18.19	19.5
		1	12	18.66	18.58	18.48	18.53	18.23	19.5
		1	24	18.41	18.37	18.35	18.16	17.96	19.5
		12	0	18.64	18.49	18.49	18.49	18.18	19.5
		12	6	18.70	18.71	18.32	18.41	18.10	19.5
		12	13	18.57	18.40	18.36	18.37	18.10	19.5
		25	0	18.61	18.41	18.49	18.57	18.19	19.5

BW	Modulation	Channel		18675	18700	18825	18950	18975	Max Tune-up (dBm)
		Frequency (MHz)		1915	1940	2000	2060	2085	
5M	QPSK	1	0	**23.24**	23.02	23.16	23.07	22.70	24
		1	12	22.99	22.96	23.16	23.07	22.79	24
		1	24	22.93	22.91	23.00	22.76	22.58	24
		12	0	22.76	22.40	22.53	22.57	22.31	23.5
		12	6	22.91	22.58	22.66	22.45	22.17	23.5
		12	13	22.91	22.42	22.64	22.50	22.20	23.5
		25	0	22.56	22.58	22.52	22.55	22.16	23.5
	16QAM	1	0	22.73	22.39	22.56	22.46	22.21	23.5
		1	12	22.66	22.57	22.61	22.48	22.13	23.5
		1	24	22.23	22.24	22.24	22.16	22.01	23.5
		12	0	21.85	21.39	21.49	21.48	21.09	22.5
		12	6	21.86	21.58	21.66	21.58	21.18	22.5
		12	13	21.59	21.39	21.46	21.53	21.24	22.5
		25	0	21.71	21.53	21.57	21.66	21.11	22.5
	64QAM	1	0	21.55	21.37	21.54	21.51	21.19	22.5
		1	12	21.49	21.39	21.47	21.47	21.12	22.5
		1	24	21.62	21.39	21.54	21.47	21.12	22.5
		12	0	20.67	20.65	20.75	20.71	20.29	21.5
		12	6	20.51	20.49	20.66	20.54	20.19	21.5
		12	13	20.59	20.55	20.66	20.42	20.03	21.5
		25	0	20.60	20.66	20.66	20.61	19.99	21.5
	256QAM	1	0	18.77	18.47	18.42	18.53	18.16	19.5
		1	12	18.67	18.32	18.46	18.53	18.21	19.5
		1	24	18.32	18.13	18.36	18.39	18.07	19.5
		12	0	18.53	18.49	18.56	18.56	18.17	19.5
		12	6	18.73	18.49	18.56	18.49	18.17	19.5
		12	13	18.51	18.37	18.41	18.46	18.22	19.5
		25	0	18.64	18.56	18.46	18.56	18.17	19.5

LTE Band #1_Ant3

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max Tune-up (dBm)
		Channel		18700	18725	18825	18925	18950	
		Frequency (MHz)		1920	1922.5	1932.5	1942.5	1945	
20M	QPSK	1	0	21.66	21.45	**21.91**	21.90	21.75	23
		1	50	21.68	21.58	21.79	21.70	21.66	23
		1	99	21.70	21.56	21.72	21.61	21.68	23
		50	0	21.61	21.70	21.64	21.60	21.61	22
		50	25	21.65	21.61	21.66	21.63	21.71	22
		50	50	21.61	21.58	21.68	21.66	21.53	23
		100	0	21.62	21.58	21.66	21.61	21.52	23
	16QAM	1	0	21.64	21.58	21.66	21.60	21.42	23
		1	50	21.51	21.41	21.51	21.58	21.65	23
		1	99	21.38	21.32	21.57	21.53	21.65	23
		50	0	21.37	21.30	21.31	21.27	21.58	22
		50	25	21.53	21.41	21.75	21.71	21.55	23
		50	50	21.69	21.58	21.48	21.42	21.56	23
		100	0	21.46	21.36	21.58	21.24	21.76	23
	64QAM	1	0	21.28	21.25	21.49	21.42	21.52	23
		1	50	21.24	21.19	21.48	21.38	21.59	23
		1	99	21.39	21.38	21.28	21.25	21.49	23
		50	0	21.08	21.02	21.45	21.31	20.88	22.5
		50	25	21.17	21.15	21.51	21.08	20.88	22.5
		50	50	21.23	21.11	21.15	21.04	20.87	22.5
		100	0	21.27	21.22	21.38	21.19	20.93	22.5
	256QAM	1	0	19.09	19.01	19.14	19.12	18.69	20.5
		1	50	19.13	19.01	19.40	19.08	18.99	20.5
		1	99	19.06	18.97	19.04	18.96	18.73	20.5
		50	0	19.33	19.24	19.33	19.19	18.91	20.5
		50	25	19.22	19.13	19.18	19.05	18.80	20.5
		50	50	19.31	19.27	19.36	19.27	18.69	20.5
		100	0	19.27	19.22	19.29	19.12	18.93	20.5

BW	Modulation	Channel		18700	18725	18825	18925	18950	Max Tune-up (dBm)
		Frequency (MHz)		1920.3	1940.3	2000	2057.8	2080.5	
15M	QPSK	1	0	21.76	21.58	**21.87**	21.88	21.73	23
		1	37	21.58	21.45	21.66	21.69	21.76	23
		1	74	21.69	21.49	21.68	21.72	21.66	23
		36	0	21.69	21.47	21.61	21.61	21.67	23
		36	19	21.62	21.52	21.61	21.67	21.55	23
		36	39	21.53	21.52	21.56	21.39	21.51	23
		75	0	21.61	21.60	21.59	21.44	21.65	23
	16QAM	1	0	21.60	21.64	21.59	21.54	21.54	23
		1	37	21.40	21.29	21.39	21.58	21.54	23
		1	74	21.37	21.24	21.51	21.44	21.56	23
		36	0	21.49	21.43	21.25	21.41	21.45	23
		36	19	21.39	21.34	21.66	21.47	21.65	23
		36	39	21.64	21.50	21.39	21.46	21.44	23
		75	0	21.36	21.22	21.25	21.60	21.73	23
	64QAM	1	0	21.16	21.18	21.46	21.34	21.39	23
		1	37	21.13	21.16	21.46	21.34	21.53	23
		1	74	21.24	21.08	21.21	21.26	21.31	23
		36	0	20.99	20.97	21.35	20.99	20.77	22.5
		36	19	21.03	21.08	21.05	20.76	20.93	22.5
		36	39	21.09	21.03

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LTE Band 5_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	24.02	24.16	24.03	25
		1	24	24.23	**24.32**	24.16	25
		1	49	23.84	23.88	23.80	25
		25	0	23.09	23.15	23.10	24
		25	12	23.14	23.23	23.26	24
		25	25	23.03	23.13	23.17	24
		50	0	22.95	23.15	23.12	24
	16QAM	1	0	23.63	23.52	23.52	24
		1	24	23.50	23.59	23.47	24
		1	49	23.53	23.41	23.33	24
		25	0	22.17	22.20	22.11	23
		25	12	22.26	22.22	22.37	23
		25	25	21.92	22.15	22.19	23
		50	0	22.10	22.04	22.06	23
	64QAM	1	0	22.28	22.24	22.19	23
		1	24	22.34	22.37	22.09	23
		1	49	22.22	22.37	22.06	23
		25	0	20.86	21.11	21.06	22
		25	12	21.06	21.36	21.10	22
		25	25	21.05	21.08	20.95	22
		50	0	21.18	21.21	21.07	22
	256QAM	1	0	19.00	19.10	18.96	20
		1	24	19.22	19.23	19.20	20
		1	49	19.09	19.37	19.18	20
		25	0	18.97	19.15	19.01	20
		25	12	18.99	19.23	19.08	20
		25	25	18.90	19.09	18.86	20
		50	0	19.18	19.28	19.07	20
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	23.96	24.13	23.98	25
		1	12	24.19	**24.20**	24.13	25
		1	24	23.78	23.87	23.75	25
		12	0	22.96	23.04	22.96	24
		12	6	23.07	23.12	23.25	24
		12	13	22.95	23.02	23.13	24
		25	0	22.91	23.02	23.07	24
	16QAM	1	0	23.58	23.49	23.47	24
		1	12	23.48	23.46	23.44	24
		1	24	23.49	23.38	23.28	24
		12	0	22.03	22.05	22.05	23
		12	6	22.16	22.09	22.22	23
		12	13	21.77	22.04	22.07	23
		25	0	22.08	22.00	21.97	23
	64QAM	1	0	22.21	22.10	22.12	23
		1	12	22.20	22.28	21.94	23
		1	24	22.16	22.25	21.99	23
		12	0	20.85	21.09	20.93	22
		12	6	20.94	21.28	21.00	22
		12	13	21.01	21.03	20.80	22
		25	0	21.14	21.16	20.92	22
	256QAM	1	0	18.94	19.09	18.95	20
		1	12	19.10	19.12	19.18	20
		1	24	19.02	19.24	19.03	20
		12	0	18.82	19.01	18.91	20
		12	6	18.90	19.15	18.97	20
		12	13	18.86	19.05	18.72	20
		25	0	19.13	19.27	18.96	20
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	23.93	24.06	23.97	25
		1	7	**24.22**	24.20	24.04	25
		1	14	23.74	23.81	23.69	25
		8	0	23.05	23.10	23.01	24
		8	3	23.10	23.21	23.24	24
		8	7	22.93	23.00	23.16	24
		15	0	22.93	23.00	23.08	24
	16QAM	1	0	23.57	23.44	23.50	24
		1	7	23.41	23.56	23.38	24
		1	14	23.45	23.33	23.28	24
		8	0	22.15	22.08	22.10	23
		8	3	22.23	22.18	22.35	23
		8	7	21.81	22.05	22.10	23
		15	0	22.01	21.98	22.00	23
	64QAM	1	0	22.19	22.17	22.05	23
		1	7	22.28	22.23	22.08	23
		1	14	22.09	22.27	22.01	23
		8	0	20.81	21.02	21.02	22
		8	3	20.96	21.29	21.05	22
		8	7	20.94	21.06	20.92	22
		15	0	21.16	21.13	20.92	22
	256QAM	1	0	18.94	19.03	18.89	20
		1	7	19.18	19.11	19.18	20
		1	14	18.95	19.25	19.08	20
		8	0	18.88	19.14	18.91	20
		8	3	18.87	19.16	19.04	20
		8	7	18.81	18.96	18.81	20
		15	0	19.11	19.26	18.96	20
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	23.91	24.08	23.98	25
		1	2	24.08	**24.18**	24.06	25
		1	5	23.75	23.88	23.75	25
		3	0	23.83	23.83	23.90	25
		3	1	23.90	24.02	23.90	25
		3	3	23.70	23.90	23.80	25
		6	0	22.86	23.01	23.01	24
	16QAM	1	0	23.55	23.36	23.41	24
		1	2	23.42	23.45	23.47	24
		1	5	23.43	23.28	23.36	24
		3	0	22.92	22.95	22.78	24
		3	1	22.99	23.10	22.95	24
		3	3	22.77	22.86	22.95	24
		6	0	22.04	22.04	21.92	23
	64QAM	1	0	22.12	22.26	22.18	23
		1	2	22.20	22.20	22.07	23
		1	5	22.21	22.33	22.03	23
		3	0	21.57	21.82	21.69	23
		3	1	21.89	22.01	21.93	23
		3	3	21.80	21.79	21.71	23
		6	0	21.07	21.14	20.94	22
	256QAM	1	0	18.90	19.01	18.85	20
		1	2	19.18	19.01	19.06	20
		1	5	19.09	19.15	19.08	20
		3	0	18.81	19.00	18.98	20
		3	1	18.94	19.19	19.06	20
		3	3	18.79	19.06	18.94	20
		6	0	19.04	19.21	19.11	20

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BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	20.41	20.37	20.44	21.5
		1	24	**20.56**	20.46	20.48	21.5
		1	49	20.46	20.16	20.03	21.5
		25	0	20.29	20.25	20.16	21.5
		25	12	20.48	20.32	20.30	21.5
		25	25	20.29	20.29	20.15	21.5
		50	0	20.34	20.28	20.23	21.5
	16QAM	1	0	20.15	20.28	20.20	21.5
		1	24	20.20	20.31	20.17	21.5
		1	49	20.00	20.04	20.27	21.5
		25	0	20.09	19.95	20.30	21.5
		25	12	20.19	20.33	20.41	21.5
		25	25	20.24	20.17	20.17	21.5
		50	0	20.36	20.13	20.16	21.5
	64QAM	1	0	20.18	20.19	20.26	21.5
		1	24	19.98	20.15	20.38	21.5
		1	49	20.08	20.03	19.95	21.5
		25	0	20.39	20.39	20.31	21.5
		25	12	20.44	20.35	20.26	21.5
		25	25	20.33	20.20	20.32	21.5
		50	0	20.14	20.22	20.20	21.5
	256QAM	1	0	19.25	19.02	19.24	20.5
		1	24	19.56	19.49	19.42	20.5
		1	49	19.29	19.22	19.17	20.5
		25	0	19.34	19.17	19.17	20.5
		25	12	19.45	19.28	19.37	20.5
		25	25	19.45	19.48	19.36	20.5
		50	0	19.56	19.26	19.40	20.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	20.29	20.26	20.36	21.5
		1	12	**20.54**	20.37	20.42	21.5
		1	24	20.35	20.03	19.98	21.5
		12	0	20.14	20.17	20.03	21.5
		12	6	20.34	20.24	20.15	21.5
		12	13	20.23	20.24	20.11	21.5
		25	0	20.33	20.13	20.09	21.5
	16QAM	1	0	20.02	20.16	20.06	21.5
		1	12	20.11	20.20	20.03	21.5
		1	24	19.88	19.93	20.24	21.5
		12	0	20.02	19.91	20.29	21.5
		12	6	20.06	20.19	20.38	21.5
		12	13	20.19	20.15	20.10	21.5
		25	0	20.31	20.03	20.12	21.5
	64QAM	1	0	20.04	20.05	20.25	21.5
		1	12	19.90	20.04	20.36	21.5
		1	24	19.95	19.88	19.88	21.5
		12	0	20.24	20.25	20.20	21.5
		12	6	20.30	20.27	20.24	21.5
		12	13	20.20	20.17	20.17	21.5
		25	0	20.03	20.11	20.17	21.5
	256QAM	1	0	19.19	19.01	19.23	20.5
		1	12	19.49	19.44	19.28	20.5
		1	24	19.20	19.14	19.08	20.5
		12	0	19.20	19.13	19.11	20.5
		12	6	19.41	19.16	19.32	20.5
		12	13	19.36	19.45	19.31	20.5
		25	0	19.55	19.18	19.33	20.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	20.38	20.35	20.38	21.5
		1	7	20.44	20.39	20.42	21.5
		1	14	20.33	20.03	19.94	21.5
		8	0	20.17	20.17	20.05	21.5
		8	3	**20.45**	20.28	20.15	21.5
		8	7	20.19	20.24	20.08	21.5
		15	0	20.23	20.17	20.22	21.5
	16QAM	1	0	20.08	20.27	20.12	21.5
		1	7	20.11	20.29	20.07	21.5
		1	14	19.87	19.89	20.18	21.5
		8	0	19.96	19.85	20.18	21.5
		8	3	20.13	20.21	20.31	21.5
		8	7	20.22	20.10	20.13	21.5
		15	0	20.34	20.09	20.11	21.5
	64QAM	1	0	20.11	20.11	20.15	21.5
		1	7	19.89	20.06	20.34	21.5
		1	14	20.00	19.89	19.86	21.5
		8	0	20.36	20.33	20.17	21.5
		8	3	20.37	20.21	20.18	21.5
		8	7	20.32	20.14	20.28	21.5
		15	0	20.10	20.17	20.16	21.5
	256QAM	1	0	19.18	18.87	19.13	20.5
		1	7	19.53	19.38	19.41	20.5
		1	14	19.18	19.18	19.06	20.5
		8	0	19.32	19.02	19.07	20.5
		8	3	19.40	19.25	19.30	20.5
		8	7	19.32	19.37	19.21	20.5
		15	0	19.52	19.25	19.25	20.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	20.33	20.29	20.34	21.5
		1	2	**20.42**	20.31	20.34	21.5
		1	5	20.36	20.15	19.99	21.5
		3	0	20.14	20.10	20.04	21.5
		3	1	20.35	20.29	20.28	21.5
		3	3	20.20	20.21	20.03	21.5
		6	0	20.22	20.14	20.14	21.5
	16QAM	1	0	20.07	20.20	20.18	21.5
		1	2	20.16	20.17	20.09	21.5
		1	5	19.86	19.95	20.16	21.5
		3	0	20.00	19.94	20.18	21.5
		3	1	20.18	20.29	20.27	21.5
		3	3	20.22	20.04	20.06	21.5
		6	0	20.27	19.98	20.02	21.5
	64QAM	1	0	20.05	20.15	20.16	21.5
		1	2	19.87	20.06	20.28	21.5
		1	5	19.98	19.92	19.94	21.5
		3	0	20.26	20.32	20.17	21.5
		3	1	20.29	20.32	20.11	21.5
		3	3	20.24	20.10	20.20	21.5
		6	0	20.00	20.09	20.16	21.5
	256QAM	1	0	19.20	19.01	19.22	20.5
		1	2	19.42	19.39	19.35	20.5
		1	5	19.14	19.08	19.09	20.5
		3	0	19.31	19.04	19.04	20.5
		3	1	19.44	19.15	19.33	20.5
		3	3	19.43	19.40	19.24	20.5
		6	0	19.52	19.14	19.25	20.5

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LTE Band 7_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	21.14	21.18	**21.19**	21.5
		1	50	20.97	21.10	21.04	21.5
		1	99	20.93	20.88	20.64	21.5
		50	0	21.11	20.99	21.17	21.5
		50	25	21.05	21.05	20.93	21.5
		50	50	20.90	21.07	20.85	21.5
		100	0	20.99	21.03	21.08	21.5
	16QAM	1	0	20.78	20.95	20.81	21.5
		1	50	20.96	20.90	20.93	21.5
		1	99	20.69	20.71	21.06	21.5
		50	0	20.77	20.59	20.91	21.5
		50	25	20.96	21.08	21.14	21.5
		50	50	20.92	20.91	20.87	21.5
		100	0	21.00	20.83	20.89	21.5
	64QAM	1	0	20.74	20.81	20.99	21.5
		1	50	20.75	20.95	20.92	21.5
		1	99	20.81	20.71	20.62	21.5
		50	0	21.13	21.05	21.02	21.5
		50	25	21.05	21.02	20.99	21.5
		50	50	21.04	20.72	20.90	21.5
		100	0	20.73	20.99	20.82	21.5
	256QAM	1	0	19.22	19.12	19.19	19.5
		1	50	19.08	19.27	19.22	19.5
		1	99	19.04	19.23	19.16	19.5
		50	0	19.09	19.11	19.18	19.5
		50	25	18.93	19.07	19.02	19.5
		50	50	18.90	18.99	19.04	19.5
		100	0	19.19	19.20	19.10	19.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	21.01	21.08	21.04	21.5
		1	37	20.91	21.06	20.97	21.5
		1	74	20.84	20.85	20.60	21.5
		36	0	21.08	20.96	21.08	21.5
		36	19	20.99	21.04	20.79	21.5
		36	39	20.83	21.02	20.83	21.5
		75	0	20.94	21.02	21.06	21.5
	16QAM	1	0	20.75	20.80	20.75	21.5
		1	37	20.92	20.94	20.91	21.5
		1	74	20.65	20.66	21.05	21.5
		36	0	20.65	20.53	20.78	21.5
		36	19	20.88	20.96	21.06	21.5
		36	39	20.90	20.82	20.79	21.5
		75	0	20.99	20.68	20.80	21.5
	64QAM	1	0	20.63	20.70	20.94	21.5
		1	37	20.72	20.92	20.88	21.5
		1	74	20.74	20.63	20.56	21.5
		36	0	**21.11**	20.94	20.93	21.5
		36	19	21.01	20.95	20.84	21.5
		36	39	20.89	20.67	20.75	21.5
		75	0	20.58	20.80	20.73	21.5
	256QAM	1	0	19.18	18.98	19.12	19.5
		1	37	19.03	19.15	19.07	19.5
		1	74	18.91	19.15	19.10	19.5
		36	0	18.94	19.03	19.14	19.5
		36	19	18.81	19.02	18.94	19.5
		36	39	18.79	18.90	18.94	19.5
		75	0	19.08	19.10	18.99	19.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	21.12	21.03	20.95	21.5
		1	24	20.82	21.04	21.01	21.5
		1	49	20.87	20.85	20.55	21.5
		25	0	21.00	20.91	**21.13**	21.5
		25	12	20.91	20.99	20.90	21.5
		25	25	20.76	20.96	20.74	21.5
		50	0	20.88	21.00	20.98	21.5
	16QAM	1	0	20.67	20.86	20.78	21.5
		1	24	20.95	20.85	20.80	21.5
		1	49	20.56	20.63	20.99	21.5
		25	0	20.64	20.55	20.81	21.5
		25	12	20.93	20.99	21.01	21.5
		25	25	20.86	20.81	20.77	21.5
		50	0	20.89	20.69	20.86	21.5
	64QAM	1	0	20.64	20.77	20.93	21.5
		1	24	20.68	20.94	20.77	21.5
		1	49	20.69	20.68	20.54	21.5
		25	0	21.12	21.02	20.98	21.5
		25	12	21.04	20.88	20.92	21.5
		25	25	20.96	20.67	20.85	21.5
		50	0	20.85	20.87	20.70	21.5
	256QAM	1	0	19.14	19.10	19.16	19.5
		1	24	18.99	19.26	19.14	19.5
		1	49	18.95	19.22	19.01	19.5
		25	0	19.07	18.97	19.14	19.5
		25	12	18.78	19.05	18.92	19.5
		25	25	18.85	18.89	18.89	19.5
		50	0	19.12	19.14	19.05	19.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	**21.12**	21.05	20.99	21.5
		1	12	20.84	21.04	20.89	21.5
		1	24	20.91	20.79	20.55	21.5
		12	0	20.97	20.89	21.08	21.5
		12	6	21.01	20.97	20.82	21.5
		12	13	20.84	20.95	20.84	21.5
		25	0	20.86	20.97	20.96	21.5
	16QAM	1	0	20.77	20.86	20.76	21.5
		1	12	20.81	20.77	20.91	21.5
		1	24	20.64	20.56	20.91	21.5
		12	0	20.75	20.50	20.78	21.5
		12	6	20.88	21.05	21.07	21.5
		12	13	20.79	20.88	20.84	21.5
		25	0	20.85	20.74	20.83	21.5
	64QAM	1	0	20.72	20.70	20.86	21.5
		1	12	20.62	20.82	20.87	21.5
		1	24	20.70	20.60	20.57	21.5
		12	0	21.03	20.96	20.94	21.5
		12	6	20.92	20.87	20.93	21.5
		12	13	21.02	20.58	20.88	21.5
		25	0	20.58	20.84	20.78	21.5
	256QAM	1	0	19.07	19.03	19.17	19.5
		1	12	19.04	19.22	19.09	19.5
		1	24	18.93	19.08	19.10	19.5
		12	0	19.02	19.04	19.14	19.5
		12	6	18.91	19.00	18.88	19.5
		12	13	18.89	18.97	18.98	19.5
		25	0	19.14	19.08	19.09	19.5

LTE Band 7_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	**22.74**	22.62	22.48	23.5
		1	50	22.69	22.57	22.44	23.5
		1	99	22.51	22.42	22.35	23.5
		50	0	22.38	22.59	22.45	23.5
		50	25	22.43	22.35	22.49	23.5
		50	50	22.26	22.21	22.43	23.5
		100	0	22.65	22.65	22.52	23.5
	16QAM	1	0	22.27	22.41	22.38	23.5
		1	50	22.17	22.33	22.35	23.5
		1	99	22.36	22.31	22.43	23.5
		50	0	22.48	22.21	22.40	23.5
		50	25	22.43	22.33	22.38	23.5
		50	50	22.36	22.58	22.41	23.5
		100	0	22.47	22.55	22.35	23.5
	64QAM	1	0	22.42	22.42	22.38	23.5
		1	50	22.46	22.44	22.32	23.5
		1	99	22.44	22.39	22.48	23.5
		50	0	21.47	21.55	21.67	22.5
		50	25	21.23	21.57	21.59	22.5
		50	50	21.21	21.38	21.45	22.5
		100	0	21.46	21.62	21.22	22.5
	256QAM	1	0	19.46	19.63	19.44	20.5
		1	50	19.32	19.58	19.24	20.5
		1	99	19.06	19.35	19.06	20.5
		50	0	19.52	19.58	19.92	20.5
		50	25	19.21	19.63	19.69	20.5
		50	50	19.38	19.49	19.65	20.5
		100	0	19.28	19.41	19.38	20.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	**22.66**	22.55	22.45	23.5
		1	37	22.59	22.49	22.38	23.5
		1	74	22.50	22.35	22.23	23.5
		36	0	22.26	22.46	22.33	23.5
		36	19	22.41	22.28	22.42	23.5
		36	39	22.18	22.09	22.36	23.5
		75	0	22.52	22.59	22.50	23.5
	16QAM	1	0	22.24	22.31	22.32	23.5
		1	37	22.10	22.30	22.30	23.5
		1	74	22.29	22.25	22.29	23.5
		36	0	22.47	22.10	22.28	23.5
		36	19	22.36	22.28	22.26	23.5
		36	39	22.28	22.53	22.34	23.5
		75	0	22.39	22.52	22.21	23.5
	64QAM	1	0	22.33	22.41	22.30	23.5
		1	37	22.33	22.38	22.20	23.5
		1	74	22.37	22.34	22.41	23.5
		36	0	21.44	21.54	21.57	22.5
		36	19	21.36	21.53	21.55	22.5
		36	39	21.20	21.34	21.42	22.5
		75	0	21.40	21.55	21.08	22.5
	256QAM	1	0	19.39	19.61	19.30	20.5
		1	37	19.18	19.45	19.13	20.5
		1	74	18.99	19.34	18.92	20.5
		36	0	19.42	19.43	19.81	20.5
		36	19	19.20	19.49	19.56	20.5
		36	39	19.23	19.37	19.50	20.5
		75	0	19.22	19.35	19.30	20.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	22.61	22.57	22.37	23.5
		1	24	22.54	22.49	22.39	23.5
		1	49	22.45	22.31	22.29	23.5
		25	0	22.24	22.56	22.34	23.5
		25	12	22.37	22.23	22.44	23.5
		25	25	22.24	22.17	22.32	23.5
		50	0	22.58	**22.63**	22.37	23.5
	16QAM	1	0	22.21	22.32	22.33	23.5
		1	24	22.08	22.25	22.23	23.5
		1	49	22.26	22.21	22.41	23.5
		25	0	22.41	22.11	22.31	23.5
		25	12	22.38	22.52	22.26	23.5
		25	25	22.26	22.50	22.35	23.5
		50	0	22.43	22.47	22.33	23.5
	64QAM	1	0	22.39	22.41	22.35	23.5
		1	24	22.42	22.33	22.36	23.5
		1	49	22.40	22.25	22.43	23.5
		25	0	21.46	21.50	21.66	22.5
		25	12	21.14	21.56	21.50	22.5
		25	25	21.09	21.37	21.36	22.5
		50	0	21.42	21.61	21.13	22.5
	256QAM	1	0	19.44	19.60	19.33	20.5
		1	24	19.20	19.56	19.14	20.5
		1	49	19.04	19.29	19.05	20.5
		25	0	19.37	19.57	19.90	20.5
		25	12	19.17	19.48	19.61	20.5
		25	25	19.32	19.48	19.58	20.5
		50	0	19.13	19.30	19.30	20.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	**22.66**	22.49	22.42	23.5
		1	12	22.61	22.52	22.40	23.5
		1	24	22.42	22.34	22.34	23.5
		12	0	22.32	22.58	22.31	23.5
		12	6	22.35	22.24	22.35	23.5
		12	13	22.13	22.09	22.32	23.5
		25	0	22.51	22.62	22.49	23.5
	16QAM	1	0	22.16	22.29	22.33	23.5
		1	12	22.15	22.23	22.33	23.5
		1	24	22.24	22.27	22.37	23.5
		12	0	22.35	22.18	22.29	23.5
		12	6	22.38	22.23	22.30	23.5
		12	13	22.24	22.41	22.28	23.5
		25	0	22.42	22.51	22.37	23.5
	64QAM	1	0	22.29	22.37	22.34	23.5
		1	12	22.33	22.39	22.31	23.5
		1	24	22.35	22.34	22.35	23.5
		12	0	21.43	21.48	21.53	22.5
		12	6	21.17	21.40	21.32	22.5
		12	13	21.09	21.37	21.30	22.5
		25	0	21.43	21.53	21.07	22.5
	256QAM	1	0	19.44	19.62	19.37	20.5
		1	12	19.18	19.49	19.11	20.5
		1	24	18.96	19.28	18.94	20.5
		12	0	19.50	19.50	19.89	20.5
		12	6	19.18	19.52	19.63	20.5
		12	13	19.34	19.44	19.54	20.5
		25	0	19.16	19.36	19.36	20.5

LTE Band 7_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	23.60	23.83	23.78	25.5
		1	50	23.62	**23.96**	23.88	25.5
		1	99	23.77	23.82	23.67	25.5
		50	0	22.92	22.99	22.87	24.5
		50	25	22.98	22.82	22.82	24.5
		50	50	22.66	22.78	22.70	24.5
		100	0	22.77	22.75	22.82	24.5
	16QAM	1	0	23.02	22.94	22.97	24.5
		1	50	23.05	23.08	22.94	24.5
		1	99	23.09	22.97	22.93	24.5
		50	0	21.97	21.85	21.89	23.5
		50	25	21.74	21.84	21.75	23.5
		50	50	21.73	21.87	21.71	23.5
		100	0	21.64	21.84	21.62	23.5
	64QAM	1	0	22.01	22.20	21.94	23.5
		1	50	21.73	22.04	21.83	23.5
		1	99	21.84	21.81	21.85	23.5
		50	0	20.87	20.94	20.98	22.5
		50	25	20.81	20.91	20.90	22.5
		50	50	20.62	20.72	20.77	22.5
		100	0	20.63	20.85	20.72	22.5
	256QAM	1	0	19.03	18.99	18.85	20.5
		1	50	19.11	19.09	18.92	20.5
		1	99	18.82	18.79	18.67	20.5
		50	0	18.95	18.85	18.93	20.5
		50	25	18.79	18.79	18.86	20.5
		50	50	18.77	18.84	18.61	20.5
		100	0	18.74	19.00	18.64	20.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	23.68	23.78	23.76	25.5
		1	37	23.76	**23.82**	23.76	25.5
		1	74	23.71	23.72	23.65	25.5
		36	0	22.77	22.88	22.77	24.5
		36	19	22.95	22.72	22.75	24.5
		36	39	22.62	22.73	22.63	24.5
		75	0	22.70	22.65	22.78	24.5
	16QAM	1	0	22.99	22.84	22.95	24.5
		1	37	23.00	22.94	22.88	24.5
		1	74	23.06	22.96	22.80	24.5
		36	0	21.83	21.71	21.75	23.5
		36	19	21.60	21.69	21.71	23.5
		36	39	21.52	21.78	21.64	23.5
		75	0	21.58	21.70	21.61	23.5
	64QAM	1	0	21.88	22.09	21.79	23.5
		1	37	21.62	22.00	21.75	23.5
		1	74	21.83	21.73	21.82	23.5
		36	0	20.75	20.87	20.96	22.5
		36	19	20.68	20.89	20.82	22.5
		36	39	20.51	20.64	20.64	22.5
		75	0	20.85	20.80	20.67	22.5
	256QAM	1	0	18.99	18.87	18.81	20.5
		1	37	19.04	18.99	18.90	20.5
		1	74	18.76	18.76	18.60	20.5
		36	0	18.84	18.73	18.91	20.5
		36	19	18.65	18.68	18.81	20.5
		36	39	18.72	18.75	18.55	20.5
		75	0	18.69	18.85	18.58	20.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	23.56	23.79	23.63	25.5
		1	24	23.78	**23.87**	23.79	25.5
		1	49	23.62	23.67	23.52	25.5
		25	0	22.82	22.97	22.79	24.5
		25	12	22.94	22.70	22.81	24.5
		25	25	22.53	22.72	22.66	24.5
		50	0	22.62	22.64	22.81	24.5
	16QAM	1	0	22.98	22.79	22.94	24.5
		1	24	22.95	22.96	22.88	24.5
		1	49	23.01	22.82	22.92	24.5
		25	0	21.91	21.72	21.85	23.5
		25	12	21.72	21.73	21.62	23.5
		25	25	21.70	21.76	21.58	23.5
		50	0	21.63	21.72	21.55	23.5
	64QAM	1	0	21.89	22.15	21.82	23.5
		1	24	21.62	21.95	21.68	23.5
		1	49	21.74	21.79	21.72	23.5
		25	0	20.86	20.88	20.89	22.5
		25	12	20.78	20.81	20.85	22.5
		25	25	20.59	20.64	20.75	22.5
		50	0	20.83	20.83	20.93	22.5
	256QAM	1	0	19.02	18.92	18.74	20.5
		1	24	19.07	19.02	18.83	20.5
		1	49	18.79	18.75	18.64	20.5
		25	0	18.87	18.78	18.95	20.5
		25	12	18.66	18.64	18.83	20.5
		25	25	18.62	18.82	18.68	20.5
		50	0	18.62	18.90	18.63	20.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	23.53	23.69	23.73	25.5
		1	12	23.71	**23.81**	23.73	25.5
		1	24	23.74	23.80	23.61	25.5
		12	0	22.81	22.86	22.83	24.5
		12	6	22.85	22.73	22.70	24.5
		12	13	22.63	22.62	22.67	24.5
		25	0	22.65	22.64	22.77	24.5
	16QAM	1	0	22.98	22.86	22.82	24.5
		1	12	23.00	23.00	22.80	24.5
		1	24	22.97	22.91	22.87	24.5
		12	0	21.87	21.71	21.75	23.5
		12	6	21.65	21.72	21.73	23.5
		12	13	21.71	21.74	21.67	23.5
		25	0	21.77	21.78	21.57	23.5
	64QAM	1	0	21.94	22.08	21.89	23.5
		1	12	21.64	21.91	21.72	23.5
		1	24	21.79	21.75	21.72	23.5
		12	0	20.84	20.86	20.97	22.5
		12	6	20.77	20.80	20.72	22.5
		12	13	20.52	20.61	20.72	22.5
		25	0	20.80	20.78	20.76	22.5
	256QAM	1	0	18.91	18.97	18.80	20.5
		1	12	19.05	18.97	18.99	20.5
		1	24	18.68	18.74	18.53	20.5
		12	0	18.80	18.70	18.78	20.5
		12	6	18.65	18.77	18.78	20.5
		12	13	18.70	18.82	18.55	20.5
		25	0	18.67	18.93	18.53	20.5

LTE Band 7_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	16.89	16.88	16.98	18.5
		1	50	**17.17**	17.15	17.12	18.5
		1	99	17.04	16.87	16.91	18.5
		50	0	17.00	17.04	16.98	18.5
		50	25	16.78	16.92	17.03	18.5
		50	50	16.85	16.87	16.74	18.5
		100	0	17.00	17.08	16.89	18.5
	16QAM	1	0	17.07	16.83	16.83	18.5
		1	50	17.10	16.89	17.08	18.5
		1	99	16.78	16.78	16.89	18.5
		50	0	16.96	16.81	16.83	18.5
		50	25	16.80	16.84	16.73	18.5
		50	50	16.89	16.87	16.89	18.5
		100	0	16.94	16.81	16.85	18.5
	64QAM	1	0	16.71	16.94	16.82	18.5
		1	50	17.10	16.73	16.74	18.5
		1	99	16.84	16.77	16.92	18.5
		50	0	16.82	17.01	16.92	18.5
		50	25	16.77	16.89	16.81	18.5
		50	50	16.85	16.78	17.11	18.5
		100	0	16.73	17.08	16.83	18.5
	256QAM	1	0	16.89	16.68	16.72	18.5
		1	50	16.91	16.84	16.98	18.5
		1	99	17.03	16.89	16.94	18.5
		50	0	16.78	16.85	16.90	18.5
		50	25	16.95	16.89	16.84	18.5
		50	50	17.09	17.01	17.08	18.5
		100	0	16.75	16.90	16.91	18.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	16.87	16.82	16.88	18.5
		1	37	**17.12**	17.09	17.01	18.5
		1	74	16.92	16.72	16.85	18.5
		36	0	16.97	17.00	16.94	18.5
		36	19	16.75	16.85	16.89	18.5
		36	39	16.77	16.86	16.62	18.5
		75	0	16.96	17.00	16.87	18.5
	16QAM	1	0	17.05	16.82	16.72	18.5
		1	37	17.01	16.84	16.96	18.5
		1	74	16.63	16.68	16.81	18.5
		36	0	16.83	16.80	16.73	18.5
		36	19	16.78	16.73	16.64	18.5
		36	39	16.80	16.72	16.79	18.5
		75	0	16.90	16.78	16.72	18.5
	64QAM	1	0	16.61	16.88	16.67	18.5
		1	37	16.97	16.68	16.64	18.5
		1	74	16.71	16.71	16.85	18.5
		36	0	16.80	16.92	16.80	18.5
		36	19	16.71	16.76	16.67	18.5
		36	39	16.72	16.68	17.09	18.5
		75	0	16.67	17.04	16.82	18.5
	256QAM	1	0	16.84	16.59	16.59	18.5
		1	37	16.80	16.75	16.97	18.5
		1	74	16.98	16.87	16.91	18.5
		36	0	16.70	16.78	16.82	18.5
		36	19	16.81	16.78	16.69	18.5
		36	39	17.05	16.96	17.02	18.5
		75	0	16.64	16.85	16.62	18.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	16.84	16.78	16.88	18.5
		1	24	**17.13**	17.11	17.01	18.5
		1	49	16.96	16.74	16.90	18.5
		25	0	16.87	16.89	16.90	18.5
		25	12	16.71	16.87

CE LTE_DSI4

LTE Band 38_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	23.70	**23.75**	23.62	24.5
		1	50	23.52	23.52	23.46	24.5
		1	99	23.46	23.45	23.22	24.5
		50	0	22.78	22.76	22.72	23.5
		50	25	22.59	22.70	22.66	23.5
		50	50	22.55	22.73	22.72	23.5
		100	0	22.60	22.64	22.51	23.5
	16QAM	1	0	22.53	22.37	22.38	23.5
		1	50	22.65	22.46	22.51	23.5
		1	99	22.52	22.42	22.43	23.5
		50	0	21.79	21.70	21.61	22.5
		50	25	21.67	21.69	21.56	22.5
		50	50	21.62	21.64	21.48	22.5
		100	0	21.72	21.59	21.68	22.5
	64QAM	1	0	21.96	21.75	21.93	22.5
		1	50	21.80	21.68	21.68	22.5
		1	99	21.59	21.43	21.42	22.5
		50	0	20.75	20.63	20.72	21.5
		50	25	20.76	20.74	20.76	21.5
		50	50	20.73	20.68	20.61	21.5
		100	0	20.68	20.73	20.55	21.5
	256QAM	1	0	18.75	18.67	18.64	19.5
		1	50	18.77	18.67	18.70	19.5
		1	99	18.45	18.38	18.29	19.5
		50	0	18.74	18.63	18.73	19.5
		50	25	18.73	18.62	18.66	19.5
		50	50	18.73	18.73	18.50	19.5
		100	0	18.63	18.61	18.62	19.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	**23.65**	23.64	23.48	24.5
		1	37	23.51	23.47	23.38	24.5
		1	74	23.31	23.37	23.10	24.5
		36	0	22.63	22.66	22.64	23.5
		36	19	22.44	22.59	22.55	23.5
		36	39	22.41	22.69	22.60	23.5
		75	0	22.47	22.59	22.39	23.5
	16QAM	1	0	22.49	22.30	22.31	23.5
		1	37	22.60	22.44	22.40	23.5
		1	74	22.44	22.37	22.40	23.5
		36	0	21.70	21.56	21.56	22.5
		36	19	21.63	21.54	21.42	22.5
		36	39	21.54	21.63	21.33	22.5
		75	0	21.68	21.56	21.54	22.5
	64QAM	1	0	21.83	21.60	21.84	22.5
		1	37	21.76	21.65	21.61	22.5
		1	74	21.48	21.32	21.30	22.5
		36	0	20.70	20.48	20.62	21.5
		36	19	20.67	20.71	20.74	21.5
		36	39	20.61	20.53	20.59	21.5
		75	0	20.62	20.59	20.46	21.5
	256QAM	1	0	18.66	18.52	18.62	19.5
		1	37	18.71	18.54	18.68	19.5
		1	74	18.38	18.35	18.14	19.5
		36	0	18.63	18.51	18.64	19.5
		36	19	18.59	18.60	18.65	19.5
		36	39	18.70	18.59	18.45	19.5
		75	0	18.54	18.56	18.52	19.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	23.61	**23.64**	23.49	24.5
		1	24	23.46	23.38	23.35	24.5
		1	49	23.39	23.43	23.09	24.5
		25	0	22.69	22.68	22.66	23.5
		25	12	22.51	22.58	22.52	23.5
		25	25	22.47	22.61	22.69	23.5
		50	0	22.47	22.52	22.43	23.5
	16QAM	1	0	22.43	22.36	22.37	23.5
		1	24	22.52	22.44	22.38	23.5
		1	49	22.41	22.32	22.31	23.5
		25	0	21.68	21.63	21.56	22.5
		25	12	21.66	21.58	21.43	22.5
		25	25	21.50	21.49	21.36	22.5
		50	0	21.60	21.57	21.66	22.5
	64QAM	1	0	21.93	21.68	21.85	22.5
		1	24	21.71	21.64	21.54	22.5
		1	49	21.57	21.32	21.32	22.5
		25	0	20.69	20.53	20.58	21.5
		25	12	20.70	20.64	20.63	21.5
		25	25	20.70	20.62	20.60	21.5
		50	0	20.57	20.64	20.47	21.5
	256QAM	1	0	18.60	18.64	18.52	19.5
		1	24	18.73	18.54	18.63	19.5
		1	49	18.32	18.34	18.22	19.5
		25	0	18.63	18.48	18.65	19.5
		25	12	18.68	18.53	18.51	19.5
		25	25	18.72	18.69	18.48	19.5
		50	0	18.51	18.58	18.57	19.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	23.61	**23.65**	23.54	24.5
		1	12	23.37	23.40	23.38	24.5
		1	24	23.40	23.30	23.16	24.5
		12	0	22.70	22.68	22.70	23.5
		12	6	22.54	22.66	22.59	23.5
		12	13	22.51	22.62	22.60	23.5
		25	0	22.48	22.52	22.38	23.5
	16QAM	1	0	22.49	22.33	22.29	23.5
		1	12	22.62	22.35	22.39	23.5
		1	24	22.48	22.31	22.31	23.5
		12	0	21.67	21.68	21.49	22.5
		12	6	21.52	21.59	21.52	22.5
		12	13	21.48	21.61	21.37	22.5
		25	0	21.66	21.49	21.59	22.5
	64QAM	1	0	21.91	21.73	21.86	22.5
		1	12	21.73	21.64	21.61	22.5
		1	24	21.48	21.39	21.30	22.5
		12	0	20.63	20.48	20.68	21.5
		12	6	20.66	20.65	20.65	21.5
		12	13	20.62	20.61	20.50	21.5
		25	0	20.65	20.69	20.47	21.5
	256QAM	1	0	18.69	18.52	18.49	19.5
		1	12	18.68	18.56	18.62	19.5
		1	24	18.35	18.33	18.21	19.5
		12	0	18.66	18.50	18.62	19.5
		12	6	18.59	18.47	18.54	19.5
		12	13	18.60	18.63	18.42	19.5
		25	0	18.49	18.49	18.54	19.5

LTE Band 38_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	24.35	24.49	24.51	25.5
		1	50	24.43	**24.61**	24.53	25.5
		1	99	24.37	24.57	24.55	25.5
		50	0	23.39	23.62	23.53	24.5
		50	25	23.53	23.55	23.44	24.5
		50	50	23.45	23.57	23.33	24.5
		100	0	23.46	23.46	23.49	24.5
	16QAM	1	0	23.59	23.54	23.55	24.5
		1	50	23.56	23.53	23.65	24.5
		1	99	23.24	23.42	23.39	24.5
		50	0	22.60	22.56	22.57	23.5
		50	25	22.42	22.56	22.52	23.5
		50	50	22.38	22.46	22.47	23.5
		100	0	22.39	22.42	22.55	23.5
	64QAM	1	0	22.64	22.62	22.68	23.5
		1	50	22.63	22.55	22.72	23.5
		1	99	22.45	22.50	22.49	23.5
		50	0	21.53	21.45	21.63	22.5
		50	25	21.60	21.54	21.65	22.5
		50	50	21.44	21.54	21.59	22.5
		100	0	21.54	21.33	21.54	22.5
	256QAM	1	0	19.52	19.47	19.51	20.5
		1	50	19.51	19.45	19.53	20.5
		1	99	19.29	19.21	19.32	20.5
		50	0	19.52	19.58	19.63	20.5
		50	25	19.42	19.53	19.60	20.5
		50	50	19.45	19.61	19.55	20.5
		100	0	19.40	19.49	19.57	20.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	24.30	24.45	**24.49**	25.5
		1	37	24.29	24.48	24.44	25.5
		1	74	24.27	24.47	24.41	25.5
		36	0	23.28	23.57	23.50	24.5
		36	19	23.46	23.52	23.32	24.5
		36	39	23.35	23.52	23.27	24.5
		75	0	23.31	23.43	23.34	24.5
	16QAM	1	0	23.47	23.47	23.41	24.5
		1	37	23.47	23.49	23.60	24.5
		1	74	23.15	23.35	23.29	24.5
		36	0	22.46	22.47	22.47	23.5
		36	19	22.38	22.48	22.37	23.5
		36	39	22.30	22.34	22.44	23.5
		75	0	22.37	22.41	22.54	23.5
	64QAM	1	0	22.50	22.58	22.56	23.5
		1	37	22.51	22.45	22.59	23.5
		1	74	22.37	22.48	22.48	23.5
		36	0	21.42	21.44	21.62	22.5
		36	19	21.54	21.43	21.63	22.5
		36	39	21.42	21.40	21.57	22.5
		75	0	21.50	21.29	21.42	22.5
	256QAM	1	0	19.48	19.37	19.45	20.5
		1	37	19.41	19.36	19.39	20.5
		1	74	19.27	19.14	19.30	20.5
		36	0	19.40	19.51	19.61	20.5
		36	19	19.38	19.46	19.55	20.5
		36	39	19.33	19.60	19.41	20.5
		75	0	19.39	19.47	19.45	20.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	24.26	24.36	24.43	25.5
		1	24	24.29	**24.52**	24.46	25.5
		1	49	24.26	24.52	24.41	25.5
		25	0	23.29	23.47	23.51	24.5
		25	12	23.41	23.47	23.32	24.5
		25	25	23.33	23.55	23.26	24.5
		50	0	23.36	23.41	23.46	24.5
	16QAM	1	0	23.55	23.39	23.43	24.5
		1	24	23.43	23.38	23.56	24.5
		1	49	23.13	23.39	23.25	24.5
		25	0	22.47	22.49	22.46	23.5
		25	12	22.32	22.51	22.46	23.5
		25	25	22.35	22.37	22.38	23.5
		50	0	22.28	22.27	22.43	23.5
	64QAM	1	0	22.56	22.52	22.67	23.5
		1	24	22.56	22.42	22.69	23.5
		1	49	22.38	22.37	22.40	23.5
		25	0	21.48	21.41	21.49	22.5
		25	12	21.47	21.49	21.60	22.5
		25	25	21.33	21.53	21.54	22.5
		50	0	21.49	21.27	21.47	22.5
	256QAM	1	0	19.50	19.43	19.49	20.5
		1	24	19.46	19.44	19.39	20.5
		1	49	19.24	19.15	19.24	20.5
		25	0	19.41	19.55	19.61	20.5
		25	12	19.27	19.45	19.55	20.5
		25	25	19.44	19.54	19.43	20.5
		50	0	19.36	19.36	19.56	20.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	24.30	24.45	24.44	25.5
		1	12	24.37	**24.52**	24.44	25.5
		1	24	24.22	24.51	**24.52**	25.5
		12	0	23.27	23.50	23.51	24.5
		12	6	23.38	23.50	23.37	24.5
		12	13	23.34	23.48	23.18	24.5
		25	0	23.34	23.40	23.41	24.5
	16QAM	1	0	23.49	23.52	23.53	24.5
		1	12	23.45	23.45	23.57	24.5
		1	24	23.17	23.40	23.32	24.5
		12	0	22.54	22.49	22.46	23.5
		12	6	22.37	22.51	22.49	23.5
		12	13	22.36	22.41	22.45	23.5
		25	0	22.24	22.40	22.45	23.5
	64QAM	1	0	22.62	22.58	22.59	23.5
		1	12	22.50	22.54	22.62	23.5
		1	24	22.33	22.49	22.47	23.5
		12	0	21.44	21.34	21.62	22.5
		12	6	21.52	21.41	21.50	22.5
		12	13	21.36	21.51	21.47	22.5
		25	0	21.50	21.24	21.53	22.5
	256QAM	1	0	19.43	19.38	19.45	20.5
		1	12	19.45	19.42	19.46	20.5
		1	24	19.25	19.15	19.27	20.5
		12	0	19.42	19.57	19.51	20.5
		12	6	19.40	19.38	19.56	20.5
		12	13	19.37	19.51	19.47	20.5
		25	0	19.28	19.39	19.48	20.5

LTE Band 38_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	**24.74**	24.68	24.65	25.5
		1	50	24.71	24.72	24.69	25.5
		1	99	24.48	24.60	24.54	25.5
		50	0	23.74	23.76	23.74	24.5
		50	25	23.66	23.84	23.73	24.5
		50	50	23.68	23.74	23.56	24.5
		100	0	23.74	23.66	23.65	24.5
	16QAM	1	0	23.69	23.76	23.75	24.5
		1	50	23.65	23.74	23.60	24.5
		1	99	23.49	23.67	23.44	24.5
		50	0	22.74	22.72	22.73	23.5
		50	25	22.75	22.69	22.67	23.5
		50	50	22.73	22.80	22.64	23.5
		100	0	22.63	22.79	22.65	23.5
	64QAM	1	0	22.87	22.97	22.78	23.5
		1	50	22.77	22.82	22.77	23.5
		1	99	22.61	22.65	22.75	23.5
		50	0	21.72	21.86	21.66	22.5
		50	25	21.77	21.72	21.62	22.5
		50	50	21.66	21.80	21.64	22.5
		100	0	21.58	21.69	21.58	22.5
	256QAM	1	0	19.58	19.78	19.59	20.5
		1	50	19.70	19.72	19.68	20.5
		1	99	19.52	19.60	19.46	20.5
		50	0	19.68	19.73	19.60	20.5
		50	25	19.72	19.80	19.58	20.5
		50	50	19.52	19.68	19.63	20.5
		100	0	19.61	19.80	19.65	20.5
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	**24.65**	24.61	24.58	25.5
		1	37	24.61	24.64	24.61	25.5
		1	74	24.46	24.50	24.53	25.5
		36	0	23.59	23.71	23.72	24.5
		36	19	23.56	23.71	23.72	24.5
		36	39	23.67	23.59	23.52	24.5
		75	0	23.70	23.56	23.61	24.5
	16QAM	1	0	23.60	23.64	23.62	24.5
		1	37	23.64	23.62	23.51	24.5
		1	74	23.41	23.53	23.43	24.5
		36	0	22.59	22.59	22.65	23.5
		36	19	22.65	22.68	22.64	23.5
		36	39	22.58	22.67	22.54	23.5
		75	0	22.49	22.76	22.53	23.5
	64QAM	1	0	22.81	22.86	22.64	23.5
		1	37	22.65	22.71	22.73	23.5
		1	74	22.53	22.59	22.63	23.5
		36	0	21.65	21.74	21.51	22.5
		36	19	21.62	21.62	21.48	22.5
		36	39	21.55	21.71	21.54	22.5
		75	0	21.45	21.57	21.45	22.5
	256QAM	1	0	19.45	19.74	19.49	20.5
		1	37	19.65	19.65	19.67	20.5
		1	74	19.47	19.49	19.33	20.5
		36	0	19.61	19.59	19.54	20.5
		36	19	19.58	19.76	19.44	20.5
		36	39	19.51	19.58	19.56	20.5
		75	0	19.56	19.68	19.60	20.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	24.59	24.62	24.61	25.5
		1	24	24.57	**24.68**	24.57	25.5
		1	49	24.40	24.47	24.43	25.5
		25	0	23.64	23.65	23.66	24.5
		25	12	23.64	23.69	23.62	24.5
		25	25	23.64	23.60	23.43	24.5
		50	0	23.67	23.60	23.58	24.5
	16QAM	1	0	23.64	23.69	23.63	24.5
		1	24	23.59	23.62	23.59	24.5
		1	49	23.42	23.61	23.42	24.5
		25	0	22.64	22.58	22.66	23.5
		25	12	22.65	22.56	22.66	23.5
		25	25	22.69	22.78	22.56	23.5
		50	0	22.51	22.76	22.53	23.5
	64QAM	1	0	22.77	22.84	22.64	23.5
		1	24	22.66	22.79	22.67	23.5
		1	49	22.59	22.51	22.60	23.5
		25	0	21.60	21.85	21.51	22.5
		25	12	21.63	21.67	21.53	22.5
		25	25	21.60	21.68	21.58	22.5
		50	0	21.48	21.55	21.47	22.5
	256QAM	1	0	19.51	19.63	19.45	20.5
		1	24	19.68	19.70	19.61	20.5
		1	49	19.41	19.56	19.39	20.5
		25	0	19.53	19.70	19.48	20.5
		25	12	19.66	19.74	19.53	20.5
		25	25	19.46	19.59	19.61	20.5
		50	0	19.57	19.67	19.52	20.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	24.68	24.54	24.57	25.5
		1	12	**24.70**	24.65	24.56	25.5
		1	24	24.36	24.51	24.44	25.5
		12	0	23.73	23.61	23.61	24.5
		12	6	23.63	23.78	23.66	24.5
		12	13	23.64	23.71	23.45	24.5
		25	0	23.69	23.65	23.62	24.5
	16QAM	1	0	23.54	23.75	23.70	24.5
		1	12	23.54	23.64	23.52	24.5
		1	24	23.37	23.62	23.33	24.5
		12	0	22.59	22.58	22.71	23.5
		12	6	22.65	22.57	22.52	23.5
		12	13	22.64	22.69	22.55	23.5
		25	0	22.55	22.65	22.64	23.5
	64QAM	1	0	22.80	22.83	22.77	23.5
		1	12	22.67	22.74	22.67	23.5
		1	24	22.49	22.52	22.74	23.5
		12	0	21.69	21.78	21.63	22.5
		12	6	21.65	21.58	21.52	22.5
		12	13	21.56	21.73	21.51	22.5
		25	0	21.53	21.62	21.43	22.5
	256QAM	1	0	19.54	19.66	19.45	20.5
		1	12	19.56	19.58	19.54	20.5
		1	24	19.37	19.59	19.38	20.5
		12	0	19.55	19.59	19.47	20.5
		12	6	19.65	19.75	19.57	20.5
		12	13	19.41	19.67	19.55	20.5
		25	0	19.59	19.78	19.56	20.5

LTE Band 38_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	18.17	18.32	18.26	20
		1	50	18.52	18.53	**18.57**	20
		1	99	18.46	18.40	18.48	20
		50	0	18.30	18.39	18.34	20
		50	25	18.25	18.34	18.37	20
		50	50	18.27	18.10	18.45	20
		100	0	18.21	18.35	18.48	20
	16QAM	1	0	18.41	18.33	18.52	20
		1	50	18.40	18.19	18.38	20
		1	99	18.23	18.22	18.36	20
		50	0	18.29	18.34	18.28	20
		50	25	18.12	18.15	18.45	20
		50	50	18.44	18.17	18.31	20
		100	0	18.24	18.29	18.41	20
	64QAM	1	0	18.39	18.23	18.39	20
		1	50	18.34	18.07	18.10	20
		1	99	18.08	18.14	18.29	20
		50	0	18.21	18.21	18.55	20
		50	25	18.51	18.21	18.26	20
		50	50	18.17	18.48	18.34	20
		100	0	18.47	18.39	18.15	20
	256QAM	1	0	18.30	18.42	18.26	20
		1	50	18.50	18.22	18.33	20
		1	99	18.56	18.20	18.11	20
		50	0	18.37	18.27	18.36	20
		50	25	18.24	18.22	18.52	20
		50	50	18.32	18.25	18.32	20
		100	0	18.35	18.17	18.25	20
BW	Modulation	Channel		37825	38000	38175	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	18.12	18.30	18.11	20
		1	37	18.41	18.48	**18.55**	20
		1	74	18.45	18.35	18.40	20
		36	0	18.15	18.25	18.22	20
		36	19	18.22	18.30	18.31	20
		36	39	18.18	18.05	18.33	20
		75	0	18.19	18.26	18.39	20
	16QAM	1	0	18.33	18.19	18.44	20
		1	37	18.31	18.11	18.31	20
		1	74	18.08	18.10	18.31	20
		36	0	18.21	18.21	18.27	20
		36	19	18.32	18.01	18.35	20
		36	39	18.30	18.08	18.19	20
		75	0	18.10	18.23	18.31	20
	64QAM	1	0	18.25	18.10	18.34	20
		1	37	18.30	18.33	18.01	20
		1	74	18.07	18.13	18.23	20
		36	0	18.13	18.20	18.54	20
		36	19	18.49	18.10	18.25	20
		36	39	18.11	18.38	18.32	20
		75	0	18.39	18.38	18.14	20
	256QAM	1	0	18.27	18.33	18.17	20
		1	37	18.48	18.13	18.27	20
		1	74	18.51	18.16	18.10	20
		36	0	18.30	18.21	18.27	20
		36	19	18.15	18.20	18.50	20
		36	39	18.27	18.10	18.25	20
		75	0	18.28	18.16	18.10	20
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	18.13	18.29	18.17	20
		1	24	18.44	18.43	**18.54**	20
		1	49	18.42	18.29	18.44	20
		25	0	18.15	18.36	18.25	20
		25	12	18.11	18.30	18.26	20
		25	25	18.23	18.29	18.36	20
		50	0	18.16	18.31	18.44	20
	16QAM	1	0	18.35	18.25	18.37	20
		1	24	18.34	18.04	18.30	20
		1	49	18.21	18.15	18.23	20
		25	0	18.17	18.25	18.22	20
		25	12	18.32	18.12	18.30	20
		25	25	18.39	18.04	18.16	20
		50	0	18.09	18.18	18.39	20
	64QAM	1	0	18.27	18.22	18.26	20
		1	24	18.29	18.01	18.02	20
		1	49	18.01	18.11	18.19	20
		25	0	18.06	18.12	18.46	20
		25	12	18.46	18.11	18.15	20
		25	25	18.10	18.41	18.32	20
		50	0	18.44	18.31	18.14	20
	256QAM	1	0	18.25	18.30	18.24	20
		1	24	18.46	18.11	18.32	20
		1	49	18.45	18.18	18.03	20
		25	0	18.24	18.21	18.29	20
		25	12	18.14	18.21	18.47	20
		25	25	18.23	18.22	18.29	20
		50	0	18.26	18.13	18.24	20
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	18.04	18.31	18.23	20
		1	12	18.47	18.43	18.43	20
		1	24	18.39	18.29	18.34	20
		12	0	18.19	18.32	18.25	20
		12	6	18.19	18.25	18.34	20
		12	13	18.13	18.30	18.36	20
		25	0	18.12	18.30	18.45	20
	16QAM	1	0	18.31	18.31	18.37	20
		1	12	18.30	18.08	18.37	20
		1	24	18.14	18.19	18.33	20
		12	0	18.28	18.28	18.24	20
		12	6	18.01	18.13	18.38	20
		12	13	18.35	18.12	18.20	20
		25	0	18.15	18.27	18.26	20
	64QAM	1	0	18.32	18.16	18.37	20
		1	12	18.31	18.03	18.34	20
		1	24	18.05	18.02	18.20	20
		12	0	18.10	18.19	**18.54**	20
		12	6	18.40	18.06	18.23	20
		12	13	18.08	18.36	18.28	20
		25	0	18.46	18.28	18.08	20
	256QAM	1	0	18.26	18.32	18.19	20
		1	12	18.36	18.13	18.19	20
		1	24	18.42	18.08	18.04	20
		12	0	18.33	18.17	18.31	20
		12	6	18.09	18.10	18.41	20
		12	13	18.26	18.15	18.31	20
		25	0	18.21	18.04	18.20	20

CE LTE_DSI4

LTE Band 41_Ant0

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	**23.31**	23.17	23.39	23.21	22.77	24
		1	50	23.57	23.59	23.19	22.98	22.69	24
		1	99	23.56	22.99	23.05	22.91	22.61	24
		50	0	22.79	22.48	22.82	22.68	22.39	23.5
		50	25	22.63	22.61	22.66	22.66	22.28	23.5
		50	50	22.69	22.55	22.66	22.59	22.21	23.5
		100	0	22.98	22.66	22.66	22.65	22.22	23.5
		1	0	22.63	22.47	22.65	22.66	22.24	23.5
		1	50	22.86	22.66	22.75	22.63	22.21	23.5
		1	99	22.36	22.23	22.35	22.23	22.16	23.5
	16QAM	50	0	21.76	21.53	21.39	21.62	21.23	22.5
		50	25	21.74	21.63	21.66	21.68	21.33	22.5
		50	50	21.72	21.46	21.57	21.65	21.36	22.5
		100	0	21.75	21.63	21.68	21.72	21.12	22.5
		1	0	21.66	21.52	21.65	21.74	21.17	22.5
		1	50	21.84	21.58	21.67	21.68	21.25	22.5
		1	99	21.50	21.44	21.38	21.62	21.23	22.5
	64QAM	50	0	20.86	20.73	20.81	20.78	20.32	21.5
		50	25	20.83	20.61	20.72	20.69	20.29	21.5
		50	50	20.82	20.62	20.67	20.49	20.17	21.5
		100	0	20.89	20.71	20.75	20.58	20.09	21.5
		1	0	20.76	20.53	20.73	20.61	20.21	19.5
		1	50	20.71	20.47	20.53	20.58	20.27	19.5
		1	99	20.46	20.25	20.40	20.40	19.98	19.5
	256QAM	50	0	19.72	19.52	19.67	19.58	19.26	19.5
		50	25	19.84	19.52	19.62	19.63	19.11	19.5
		50	50	19.82	19.46	19.49	19.56	19.23	19.5
		100	0	19.85	19.63	19.64	19.55	19.27	19.5

BW	Modulation	Channel		39725	40175	40625	41075	41525	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.5	2593	2637.5	2682.5	
15M	QPSK	1	0	**23.29**	23.16	23.15	23.07	22.70	24
		1	37	23.58	23.45	23.10	22.92	22.69	24
		1	74	23.02	22.89	23.06	22.68	22.50	24
		36	0	22.65	22.54	22.61	22.43	22.30	23.5
		36	19	22.59	22.47	22.58	22.57	22.19	23.5
		36	39	22.53	22.58	22.55	22.54	22.20	23.5
		75	0	22.27	22.08	22.60	22.51	22.21	23.5
		1	0	22.77	22.68	22.59	22.42	22.13	23.5
		1	37	22.54	22.73	22.54	22.54	22.10	23.5
		1	74	22.32	22.10	22.32	22.10	22.10	23.5
	16QAM	36	0	21.46	21.56	21.34	21.29	21.17	22.5
		36	19	21.39	21.66	21.38	21.54	21.28	22.5
		36	39	21.51	21.54	21.43	21.45	21.27	22.5
		75	0	21.67	21.67	21.56	21.51	21.01	22.5
		1	0	21.65	21.61	21.64	21.46	21.16	22.5
		1	37	21.52	21.49	21.55	21.55	21.22	22.5
		1	74	21.49	21.58	21.46	21.38	21.15	22.5
	64QAM	36	0	20.66	20.69	20.76	20.67	20.24	21.5
		36	19	20.51	20.42	20.66	20.51	20.18	21.5
		36	39	20.57	20.40	20.55	20.50	20.13	21.5
		75	0	20.55	20.67	20.65	20.76	19.96	21.5
		1	0	19.76	19.54	19.44	19.43	19.16	19.5
		1	37	19.70	19.57	19.46	19.49	19.22	19.5
		1	74	19.41	19.37	19.36	19.22	19.03	19.5
	256QAM	36	0	18.67	18.49	18.52	18.58	18.16	19.5
		36	19	18.76	18.62	18.52	18.44	17.98	19.5
		36	39	18.80	18.52	18.36	18.47	18.16	19.5
		75	0	18.51	18.48	18.33	18.58	18.26	19.5

BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	23.35	23.29	**23.29**	23.18	22.73	24
		1	24	22.96	22.92	23.05	23.01	22.72	24
		1	49	22.91	22.76	23.05	23.02	22.64	24
		25	0	22.64	22.59	22.51	22.37	22.35	23.5
		25	12	22.57	22.55	22.55	22.39	22.21	23.5
		25	25	22.38	22.49	22.66	22.41	22.12	23.5
		50	0	22.63	22.53	22.41	22.49	22.14	23.5
		1	0	22.76	22.67	22.46	22.43	22.14	23.5
		1	24	22.39	22.58	22.68	22.63	22.16	23.5
		1	49	22.29	22.17	22.27	22.23	22.06	23.5
	16QAM	25	0	21.62	21.49	21.53	21.43	21.15	22.5
		25	12	21.72	21.61	21.64	21.49	21.20	22.5
		25	25	21.49	21.50	21.49	21.49	21.28	22.5
		50	0	21.64	21.60	21.62	21.62	21.08	22.5
		1	0	21.66	21.54	21.63	21.48	21.16	22.5
		1	24	21.51	21.52	21.58	21.52	21.23	22.5
		1	49	21.30	21.33	21.33	21.38	21.18	22.5
	64QAM	25	0	20.70	20.79	20.60	20.66	20.24	21.5
		25	12	20.55	20.66	20.60	20.57	20.24	21.5
		25	25	20.57	20.39	20.64	20.47	20.09	21.5
		50	0	20.66	20.58	20.66	20.65	19.99	21.5
		1	0	19.77	19.58	19.46	19.51	19.15	19.5
		1	24	19.66	19.59	19.40	19.32	19.03	19.5
		1	49	19.41	19.37	19.25	19.18	17.66	19.5
	256QAM	25	0	18.64	18.49	18.46	18.55	18.21	19.5
		25	12	18.76	18.71	18.39	18.41	18.10	19.5
		25	25	18.57	18.45	18.38	18.57	18.19	19.5
		50	0	18.61	18.41	18.68	18.57	18.16	19.5

BW	Modulation	Channel		39675	40150	40625	41100	41575	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2546.5	2593	2639.5	2687.5	
5M	QPSK	1	0	**23.28**	23.02	23.16	23.07	22.70	24
		1	12	22.99	22.90	23.15	22.87	22.79	24
		1	24	22.95	22.91	23.02	22.79	22.58	24
		12	0	22.74	22.49	22.53	22.37	22.21	23.5
		12	6	22.51	22.58	22.60	22.45	22.17	23.5
		12	13	22.31	22.42	22.58	22.39	22.09	23.5
		25	0	22.56	22.59	22.62	22.52	22.15	23.5
		1	0	22.73	22.56	22.58	22.49	22.21	23.5
		1	12	22.45	22.53	22.68	22.57	22.13	23.5
		1	24	22.24	22.24	22.35	22.24	22.01	23.5
	16QAM	12	0	21.65	21.39	21.48	21.61	21.09	22.5
		12	6	21.80	21.55	21.65	21.58	21.16	22.5
		12	13	21.59	21.39	21.48	21.53	21.26	22.5
		25	0	21.71	21.53	21.57	21.66	21.11	22.5
		1	0	21.70	21.56	21.61	21.70	21.10	22.5
		1	12	21.49	21.49	21.59	21.47	21.28	22.5
		1	24	21.62	21.39	21.34	21.47	21.12	22.5
	64QAM	12	0	20.67	20.63	20.73	20.71	20.25	21.5
		12	6	20.51	20.49	20.69	20.41	20.19	21.5
		12	13	20.39	20.52	20.49	20.49	20.03	21.5
		25	0	20.63	20.66	20.68	20.51	19.99	21.5
		1	0	19.77	19.47	19.47	19.53	19.14	19.5
		1	12	19.67	19.35	19.46	19.55	19.21	19.5
		1	24	19.32	19.11	19.35	19.33	19.07	19.5
	256QAM	12	0	18.79	18.40	18.60	18.79	17.98	19.5
		12	6	18.77	18.47	18.60	18.49	18.22	19.5
		12	13	18.51	18.37	18.41	18.46	18.22	19.5
		25	0	18.64	18.56	18.49	18.38	18.17	19.5

LTE Band 41_Ant2

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	**24.00**	24.01	24.48	24.03	24.43	25.5
		1	50	24.07	24.55	24.45	24.51	24.49	25.5
		1	99	24.01	24.40	24.43	24.42	24.30	25.5
		50	0	23.80	23.48	23.58	23.53	23.35	24.5
		50	25	23.72	23.49	23.66	23.54	23.50	24.5
		50	50	23.84	23.49	23.56	23.50	23.40	24.5
		100	0	23.80	23.49	23.59	23.54	23.32	24.5
		1	0	23.73	23.47	23.59	23.45	23.39	24.5
		1	50	23.59	23.45	23.51	23.16	23.33	24.5
		1	99	23.54	23.51	23.51	23.22	23.27	24.5
	16QAM	50	0	22.76	22.63	22.71	22.44	22.63	23.5
		50	25	22.89	22.54	22.65	22.24	22.45	23.5
		50	50	22.90	22.66	22.67	22.40	22.50	23.5
		100	0	22.73	22.66	22.58	22.41	22.53	23.5
		1	0	22.72	22.52	22.62	22.39	22.36	23.5
		1	50	22.67	22.51	22.63	22.27	22.32	23.5
		1	99	22.62	22.54	22.60	22.23	22.35	23.5
	64QAM	50	0	21.71	21.53	21.66	21.39	21.36	22.5
		50	25	21.80	21.66	21.70	21.44	21.53	22.5
		50	50	21.80	21.48	21.58	21.31	21.42	22.5
		100	0	21.76	21.54	21.60	21.39	21.43	22.5
		1	0	19.37	19.46	19.58	19.35	19.39	20.5
		1	50	19.71	19.53	19.69	19.38	19.44	20.5
		1	99	19.30	19.27	19.35	19.17	19.25	20.5
	256QAM	50	0	19.00	18.84	19.03	18.35	18.45	20.5
		50	25	19.73	19.01	19.76	19.40	19.42	20.5
		50	50	19.02	18.48	19.02	19.23	19.36	20.5
		100	0	19.72	19.37	19.62	19.39	19.52	20.5

BW	Modulation	Channel		39725	40175	40625	41075	41525	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.5	2593	2637.5	2682.5	
15M	QPSK	1	0	**24.02**	24.49	24.34	24.53	24.31	25.5
		1	37	24.32	24.49	24.33	24.40	24.40	25.5
		1	74	24.27	24.34	24.42	24.32	24.21	25.5
		36	0	23.91	23.97	23.92	23.82	23.93	24.5
		36	19	23.89	23.94	23.84	23.57	23.64	24.5
		36	39	23.91	23.88	23.89	23.53	23.57	24.5
		75	0	23.73	23.80	23.64	23.63	23.26	24.5
		1	0	23.88	23.86	23.67	23.64	23.33	24.5
		1	37	23.47	23.49	23.56	23.35	23.27	24.5
		1	74	23.42	23.46	23.36	23.15	23.25	24.5
	16QAM	36	0	22.61	22.67	22.64	22.52	22.62	23.5
		36	19	22.67	22.54	22.57	22.28	22.31	23.5
		36	39	22.53	22.59	22.66	22.46	22.43	23.5
		75	0	22.49	22.63	22.47	22.39	22.45	23.5
		1	0	22.60	22.61	22.46	22.44	22.09	23.5
		1	37	22.52	22.50	22.51	22.39	22.21	23.5
		1	74	22.51	22.44	22.54	22.22	22.27	23.5
	64QAM	36	0	21.66	21.51	21.48	21.37	21.34	22.5
		36	19	21.74	21.70	21.57	21.31	21.39	22.5
		36	39	21.80	21.44	21.47	21.27	21.30	22.5
		75	0	21.67	21.49	21.52	21.44	21.33	22.5
		1	0	19.92	19.42	19.68	19.16	19.36	20.5
		1	37	19.93	19.47	19.63	19.31	19.40	20.5
		1	74	19.36	19.35	19.22	19.16	19.24	20.5
	256QAM	36	0	19.09	18.92	19.05	18.42	18.39	20.5
		36	19	19.09	18.94	19.03	18.97	19.30	20.5
		36	39	19.36	18.93	19.43	19.30	19.35	20.5
		75	0	19.13	19.02	19.05	18.42	18.62	20.5

BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	24.01	24.62	24.51	24.42	24.41	24.32	25.5
		1	24	24.02	24.46	24.31	24.51	24.44	25.5
		1	49	24.32	24.42	24.37	24.30	24.25	25.5
		25	0	23.60	23.50	23.43	23.53	23.27	24.5
		25	12	23.58	23.50	23.43	23.48	23.49	24.5
		25	25	23.62	23.37	23.50	23.43	23.25	24.5
		50	0	23.54	23.39	23.53	23.55	23.18	24.5
		1	0	23.70	23.53	23.50	23.43	23.32	24.5
		1	24	23.51	23.39	23.37	23.29	23.28	24.5
		1	49	23.50	23.39	23.45	23.23	23.24	24.5
	16QAM	25	0	22.61	22.60	22.62	22.35	22.51	23.5
		25	12	22.58	22.54	22.60	22.39	22.41	23.5
		25	25	22.52	22.59	22.59	22.37	22.37	23.5
		50	0	22.66	22.63	22.45	22.34	22.51	23.5
		1	0	22.63	22.58	22.54	22.45	22.33	23.5
		1	24	22.64	22.48	22.58	22.20	22.19	23.5
		1	49	22.58	22.55	22.58	22.31	22.31	23.5
	64QAM	25	0	21.56	21.46	21.47	21.46	21.31	22.5
		25	12	21.58	21.79	21.60	21.31	21.43	22.5
		25	25	21.58	21.50	21.53	21.23	21.29	22.5
		50	0	21.77	21.58	21.51	21.61	21.36	22.5
		1	0	19.77	19.58	19.46	19.51	19.15	20.5
		1	24	19.70	19.44	19.65	19.40	19.40	20.5
		1	49	19.38	19.26	19.33	19.22	19.19	20.5
	256QAM	25	0	19.66	19.55	19.43	19.42	19.37	20.5
		25	12	19.62	19.57	19.58	19.36	19.39	20.5
		25	25	19.39	19.61	19.44	19.33	19.22	20.5
		50	0	19.68	19.52	19.53	19.36	19.40	20.5

BW	Modulation	Channel		39675	40150	40625	41100	41575	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2546.5	2593	2639.5	2687.5	
5M	QPSK	1	0	**24.00**	24.48	24.42	24.36	24.43	25.5
		1	12	24.03	24.58	24.42	24.41	24.42	25.5
		1	24	24.02	24.35	24.41	24.51	24.28	25.5
		12	0	23.62	23.53	23.49	23.40	23.32	24.5
		12	6	23.74	23.51	23.55	23.58	23.44	24.5
		12	13	23.62	23.47	23.64	23.47	23.52	24.5
		25	0	23.57	23.43	23.44	23.54	23.23	24.5
		1	0	23.73	23.56	23.49	23.39	23.36	24.5
		1	12	23.48	23.49	23.42	23.23	23.51	24.5
		1	24	23.41	23.51	23.48	23.15	23.33	24.5
	16QAM	12	0	22.71	22.61	22.68	22.32	22.33	23.5
		12	6	22.61	22.57	22.52	22.26	22.32	23.5
		12	13	22.64	22.52	22.57	22.28	22.36	23.5
		25	0	22.70	22.66	22.56	22.39	22.42	23.5
		1	0	22.72	22.60	22.52	22.36	22.35	23.5
		1	12	22.56	22.59	22.62	22.22	22.23	23.5
		1	24	22.58	22.46	22.49	22.22	22.22	23.5
	64QAM	12	0	21.58	21.48	21.47	21.39	21.23	22.5
		12	6	21.76	21.58	21.64	21.45	21.41	22.5
		12	13	21.58	21.48	21.58	21.36	21.30	22.5
		25	0	21.72	21.55	21.62	21.40	21.29	22.5
		1	0	19.46	19.42	19.47	19.20	19.23	20.5
		1	12	19.68	19.49	19.62	19.30	19.35	20.5
		1	24	19.48	19.30	19.25	19.21	19.21	20.5
	256QAM	12	0	19.02	18.92	19.02	18.29	18.32	20.5
		12	6	19.01	18.56	19.04	19.27	19.33	20.5
		12	13	18.92	18.59	18.66	19.32	19.02	20.5
		25	0	19.70	19.56	19.54	19.43	19.32	20.5

LTE Band 41_Ant3

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	**24.42**	**24.79**	24.33	24.31	23.92	25.5
		1	50	24.37	24.80	24.21	24.11	23.87	25.5
		1	99	24.31	24.37	24.13	24.08	23.84	25.5
		50	0	23.46	23.67	23.64	23.37	23.04	24.5
		50	25	23.38	23.64	23.31	23.18	22.91	24.5
		50	50	23.40	23.64	23.31	23.22	22.93	24.5
		100	0	23.34	23.64	23.47	23.26	22.91	24.5
		1	0	23.27	23.79	23.48	23.13	22.92	24.5
		1	50	23.01	23.63	23.19	23.15	22.93	24.5
		1	99	23.15	23.41	23.15	23.11	23.10	24.5
	16QAM	50	0	22.07	22.36	23.05	22.86	21.83	23.5
		50	25	22.22	22.66	22.36	22.39	22.12	23.5
		50	50	22.33	22.40	22.22	22.39	21.82	23.5
		100	0	22.40	22.91	22.25	22.22	21.89	23.5
		1	0	22.34	22.03	22.02	22.39	22.09	23.5
		1	50	22.41	22.85	22.26	22.27	21.98	23.5
		1	99	22.06	22.45	22.06	22.11	21.81	23.5
	64QAM	50	0	21.21	21.69	21.45	21.25	20.94	22.5
		50	25	21.21	21.68	21.32	21.33	21.05	22.5
		50	50	21.33	21.61	21.39	21.33	21.02	22.5
		100	0	21.34	21.45	21.44	21.36	21.08	22.5
		1	0	19.10	19.01	19.19	19.06	18.90	20.5
		1	50	19.29	19.32	19.44	19.35	19.00	20.5
		1	99	19.11	19.35	19.06	18.95	18.75	20.5
	256QAM	50	0	18.78	18.96	18.96	18.79	18.60	20.5
		50	25	19.01	19.01	19.01	18.94	18.77	20.5
		50	50	19.01	18.97	18.94	18.97	18.70	20.5
		100	0	18.78	19.44	19.42	19.40	18.83	20.5

BW	Modulation	Channel		39725	40175	40625	41075	41525	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.5	2593	2637.5	2682.5	
15M	QPSK	1	0	24.36	**24.76**	24.23	24.21	23.93	25.5
		1	37	24.33	24.75	24.16	24.20	23.79	25.5
		1	74	24.30	24.58	24.08	24.12	23.83	25.5
		36	0	23.53	23.81	23.52	23.62	23.30	24.5
		36	19	23.52	23.84	23.23	23.23	22.84	24.5
		36	39	23.36	23.56	23.19	23.25	22.80	24.5
		75	0	23.50	23.76	23.04	23.25	22.76	24.5
		1	0	23.13	23.69	23.38	23.47	22.89	24.5
		1	37	23.17	23.58	23.15	23.15	22.94	24.5
		1	74	23.03	23.40	23.01	23.09	22.85	24.5
	16QAM	36	0	22.16	22.47	22.61	22.51	21.93	23.5
		36	19	22.42	22.59	22.29	22.29	22.07	23.5
		36	39	22.20	22.40	22.10	22.16	21.79	23.5
		75	0	22.36	22.56	22.14	22.19	21.89	23.5
		1	0	22.22	22.51	22.27	22.42	22.03	23.5
		1	37	22.39	22.74	22.21	22.28	21.93	23.5
		1	74	22.04	22.48	21.84	22.02	21.69	23.5
	64QAM	36	0	21.10	21.72	21.31	21.39	20.81	22.5
		36	19	21.12	21.68	21.19	21.32	20.94	22.5
		36	39	21.25	21.45	21.13	21.30	20.95	22.5
		75	0	21.31	21.62	21.18	21.42	20.96	22.5
		1	0	18.99	19.57	19.14	19.26	18.65	20.5
		1	37	19.00	19.52	19.00	19.36	18.92	20.5
		1	74	19.03	19.49	18.94	19.03	18.69	20.5
	256QAM	36	0	18.28	18.66	18.59	18.39	18.72	20.5
		36	19	19.28	19.62	19.27	19.45	18.92	20.5
		36	39	19.33	19.51	19.26	19.25	18.79	20.5
		75	0	18.77	19.45	18.98	19.39	18.72	20.5

BW	Modulation	Channel		39700	40160	40620	41080	41540	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	24.30	24.82	24.21	24.30	23.93	25.5
		1	24	24.26	**24.79**	24.13	24.09	23.74	25.5
		1	49	24.26	24.58	24.09	24.10	23.72	25.5
		25	0	23.47	23.77	23.43	23.28	22.91	24.5
		25	12	23.53	23.78	23.43	23.18	22.89	24.5
		25	25	23.35	23.69	23.14	23.18	22.83	24.5
		50	0	23.33	23.62	23.46	23.27	22.89	24.5
		1	0	23.17	23.79	23.35	23.38	22.89	24.5
		1	24	23.26	23.71	23.14	23.27	22.86	24.5
		1	49	23.04	23.48	23.04	23.27	22.89	24.5
	16QAM	25	0	22.22	22.39	22.32	22.30	21.71	23.5
		25	12	22.39	22.58	22.33	22.37	22.03	23.5
		25	25	22.18	22.43	22.11	22.11	21.77	23.5
		50	0	22.28	22.62	22.35	22.16	21.90	23.5
		1	0	22.30	22.42	22.25	22.36	21.96	23.5
		1	24	22.37	22.84	22.16	22.20	21.85	23.5
		1	49	21.90	22.39	21.96	22.08	21.89	23.5
	64QAM	25	0

CE LTE_DSI5

LTE Band 5_Ant0							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	24.02	24.16	24.03	25
		1	24	24.23	**24.32**	24.16	25
		1	49	23.84	23.88	23.80	25
		25	0	23.09	23.15	23.10	24
		25	12	23.14	23.23	23.26	24
		25	25	23.03	23.13	23.17	24
		50	0	22.95	23.15	23.12	24
	16QAM	1	0	23.63	23.52	23.52	24
		1	24	23.50	23.59	23.47	24
		1	49	23.53	23.41	23.33	24
		25	0	22.17	22.20	22.11	23
		25	12	22.26	22.22	22.37	23
		25	25	21.92	22.15	22.19	23
		50	0	22.10	22.04	22.06	23
	64QAM	1	0	22.28	22.24	22.19	23
		1	24	22.34	22.37	22.09	23
		1	49	22.22	22.37	22.06	23
		25	0	20.86	21.11	21.06	22
		25	12	21.06	21.36	21.10	22
		25	25	21.05	21.08	20.95	22
		50	0	21.18	21.21	21.07	22
	256QAM	1	0	19.00	19.10	18.96	20
		1	24	19.22	19.23	19.20	20
		1	49	19.09	19.37	19.18	20
		25	0	18.97	19.15	19.01	20
		25	12	18.99	19.23	19.08	20
		25	25	18.90	19.09	18.86	20
		50	0	19.18	19.28	19.07	20
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	23.96	24.13	23.98	25
		1	12	24.19	**24.20**	24.13	25
		1	24	23.78	23.87	23.75	25
		12	0	22.96	23.04	22.96	24
		12	6	23.07	23.12	23.25	24
		12	13	22.95	23.02	23.13	24
		25	0	22.91	23.02	23.07	24
	16QAM	1	0	23.58	23.49	23.47	24
		1	12	23.48	23.46	23.44	24
		1	24	23.49	23.38	23.28	24
		12	0	22.03	22.05	22.05	23
		12	6	22.16	22.09	22.22	23
		12	13	21.77	22.04	22.07	23
		25	0	22.08	22.00	21.97	23
	64QAM	1	0	22.21	22.10	22.12	23
		1	12	22.20	22.28	21.94	23
		1	24	22.16	22.25	21.99	23
		12	0	20.85	21.09	20.93	22
		12	6	20.94	21.28	21.00	22
		12	13	21.01	21.03	20.80	22
		25	0	21.14	21.16	20.92	22
	256QAM	1	0	18.94	19.09	18.95	20
		1	12	19.10	19.12	19.18	20
		1	24	19.02	19.24	19.03	20
		12	0	18.82	19.01	18.91	20
		12	6	18.90	19.15	18.97	20
		12	13	18.86	19.05	18.72	20
		25	0	19.13	19.27	18.96	20
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	23.93	24.06	23.97	25
		1	7	**24.22**	24.20	24.04	25
		1	14	23.74	23.81	23.69	25
		8	0	23.05	23.10	23.01	24
		8	3	23.10	23.21	23.24	24
		8	7	22.93	23.00	23.16	24
		15	0	22.93	23.00	23.08	24
	16QAM	1	0	23.57	23.44	23.50	24
		1	7	23.41	23.56	23.38	24
		1	14	23.45	23.33	23.28	24
		8	0	22.15	22.08	22.10	23
		8	3	22.23	22.18	22.35	23
		8	7	21.81	22.05	22.10	23
		15	0	22.01	21.98	22.00	23
	64QAM	1	0	22.19	22.17	22.05	23
		1	7	22.28	22.23	22.08	23
		1	14	22.09	22.27	22.01	23
		8	0	20.81	21.02	21.02	22
		8	3	20.96	21.29	21.05	22
		8	7	20.94	21.06	20.92	22
		15	0	21.16	21.13	20.92	22
	256QAM	1	0	18.94	19.03	18.89	20
		1	7	19.18	19.11	19.18	20
		1	14	18.95	19.25	19.08	20
		8	0	18.88	19.14	18.91	20
		8	3	18.87	19.16	19.04	20
		8	7	18.81	18.96	18.81	20
		15	0	19.11	19.26	18.96	20
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	23.91	24.08	23.98	25
		1	2	24.08	**24.18**	24.06	25
		1	5	23.75	23.88	23.75	25
		3	0	23.83	23.83	23.90	25
		3	1	23.90	24.02	23.90	25
		3	3	23.70	23.90	23.80	25
		6	0	22.86	23.01	23.01	24
	16QAM	1	0	23.55	23.36	23.41	24
		1	2	23.42	23.45	23.47	24
		1	5	23.43	23.28	23.36	24
		3	0	22.92	22.95	22.78	24
		3	1	22.99	23.10	22.95	24
		3	3	22.77	22.86	22.95	24
		6	0	22.04	22.04	21.92	23
	64QAM	1	0	22.12	22.26	22.18	23
		1	2	22.20	22.20	22.07	23
		1	5	22.21	22.33	22.03	23
		3	0	21.57	21.82	21.69	23
		3	1	21.89	22.01	21.93	23
		3	3	21.80	21.79	21.71	23
		6	0	21.07	21.14	20.94	22
	256QAM	1	0	18.90	19.01	18.85	20
		1	2	19.18	19.01	19.06	20
		1	5	19.09	19.15	19.08	20
		3	0	18.81	19.00	18.98	20
		3	1	18.94	19.19	19.06	20
		3	3	18.79	19.06	18.94	20
		6	0	19.04	19.21	19.11	20

LTE Band 5_Ant1							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	19.31	19.32	19.35	20.5
		1	24	**19.51**	19.40	19.38	20.5
		1	49	19.21	19.20	19.36	20.5
		25	0	19.33	19.23	19.21	20.5
		25	12	19.50	19.29	19.47	20.5
		25	25	19.21	19.30	19.42	20.5
		50	0	19.43	19.31	19.04	20.5
	16QAM	1	0	19.17	19.29	19.27	20.5
		1	24	19.06	19.34	19.20	20.5
		1	49	19.34	19.20	19.15	20.5
		25	0	19.17	19.12	19.35	20.5
		25	12	19.29	19.08	19.18	20.5
		25	25	19.20	19.03	19.19	20.5
		50	0	19.25	19.21	19.21	20.5
	64QAM	1	0	19.32	19.24	19.01	20.5
		1	24	19.10	19.25	19.32	20.5
		1	49	19.17	19.16	19.20	20.5
		25	0	19.16	18.90	19.15	20.5
		25	12	19.29	19.27	19.11	20.5
		25	25	19.24	19.30	19.34	20.5
		50	0	19.29	19.04	19.22	20.5
	256QAM	1	0	19.38	19.03	19.25	20.5
		1	24	19.24	19.19	18.98	20.5
		1	49	19.25	19.30	19.15	20.5
		25	0	19.36	19.21	18.96	20.5
		25	12	19.03	19.10	19.05	20.5
		25	25	19.32	19.01	18.97	20.5
		50	0	19.22	19.18	19.38	20.5
BW	Modulation	Channel		20425	20525	20625	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	19.16	19.17	19.24	20.5
		1	12	19.43	19.33	19.35	20.5
		1	24	19.08	19.15	19.21	20.5
		12	0	19.18	19.12	19.16	20.5
		12	6	**19.48**	19.19	19.43	20.5
		12	13	19.13	19.20	19.32	20.5
		25	0	19.41	19.30	18.94	20.5
	16QAM	1	0	19.12	19.20	19.14	20.5
		1	12	19.03	19.33	19.07	20.5
		1	24	19.27	19.18	19.07	20.5
		12	0	19.06	18.98	19.30	20.5
		12	6	19.24	19.06	19.11	20.5
		12	13	19.09	18.91	19.07	20.5
		25	0	19.23	19.19	19.11	20.5
	64QAM	1	0	19.20	19.20	18.96	20.5
		1	12	18.96	19.13	19.30	20.5
		1	24	19.03	19.15	19.18	20.5
		12	0	19.08	18.85	19.13	20.5
		12	6	19.19	19.19	19.05	20.5
		12	13	19.10	19.27	19.26	20.5
		25	0	19.18	18.92	19.07	20.5
	256QAM	1	0	19.24	18.89	19.10	20.5
		1	12	19.18	19.06	18.89	20.5
		1	24	19.22	19.27	19.06	20.5
		12	0	19.35	19.07	18.82	20.5
		12	6	18.91	19.09	19.01	20.5
		12	13	19.22	19.00	18.86	20.5
		25	0	19.08	19.09	19.30	20.5
BW	Modulation	Channel		20415	20525	20635	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	19.27	19.20	19.23	20.5
		1	7	19.32	19.25	19.37	20.5
		1	14	19.20	19.19	19.32	20.5
		8	0	19.23	19.13	19.09	20.5
		8	3	**19.44**	19.19	19.41	20.5
		8	7	19.09	19.29	19.39	20.5
		15	0	19.33	19.18	18.95	20.5
	16QAM	1	0	19.13	19.15	19.25	20.5
		1	7	18.93	19.31	19.08	20.5
		1	14	19.28	19.09	19.01	20.5
		8	0	19.03	18.98	19.26	20.5
		8	3	19.15	19.04	19.10	20.5
		8	7	19.10	18.97	19.04	20.5
		15	0	19.21	19.13	19.15	20.5
	64QAM	1	0	19.20	19.15	19.00	20.5
		1	7	19.02	19.20	19.27	20.5
		1	14	19.06	19.01	19.14	20.5
		8	0	19.06	18.87	19.03	20.5
		8	3	19.23	19.24	18.98	20.5
		8	7	19.13	19.28	19.24	20.5
		15	0	19.21	18.98	19.09	20.5
	256QAM	1	0	19.25	18.89	19.24	20.5
		1	7	19.23	19.15	18.89	20.5
		1	14	19.24	19.25	19.00	20.5
		8	0	19.26	19.08	18.84	20.5
		8	3	18.89	18.99	18.94	20.5
		8	7	19.19	18.89	18.87	20.5
		15	0	19.13	19.11	19.37	20.5
BW	Modulation	Channel		20407	20525	20643	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	19.18	19.25	19.27	20.5
		1	2	19.36	19.39	19.35	20.5
		1	5	19.17	19.19	19.28	20.5
		3	0	19.23	19.22	19.06	20.5
		3	1	**19.42**	19.16	19.33	20.5
		3	3	19.20	19.25	19.37	20.5
		6	0	19.30	19.17	18.89	20.5
	16QAM	1	0	19.09	19.21	19.17	20.5
		1	2	18.94	19.32	19.10	20.5
		1	5	19.22	19.13	19.13	20.5
		3	0	19.08	19.05	19.20	20.5
		3	1	19.24	19.04	19.03	20.5
		3	3	19.17	19.01	19.10	20.5
		6	0	19.12	19.17	19.17	20.5
	64QAM	1	0	19.24	19.17	18.98	20.5
		1	2	18.97	19.10	19.28	20.5
		1	5	19.15	19.02	19.06	20.5
		3	0	19.09	18.78	19.04	20.5
		3	1	19.14	19.26	18.99	20.5
		3	3	19.23	19.29	19.21	20.5
		6	0	19.25	19.02	19.07	20.5
	256QAM	1	0	19.23	18.95	19.17	20.5
		1	2	19.19	19.14	18.87	20.5
		1	5	19.19	19.24	19.13	20.5
		3	0	19.29	19.14	18.87	20.5
		3	1	19.00	18.98	18.97	20.5
		3	3	19.22	18.89	18.84	20.5
		6	0	19.17	19.10	19.32	20.5

CE LTE_DSI5

LTE Band 7_Ant0							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	21.14	21.18	**21.19**	21.5
		1	50	20.97	21.10	21.04	21.5
		1	99	20.93	20.88	20.64	21.5
		50	0	21.11	20.99	21.17	21.5
		50	25	21.05	21.05	20.93	21.5
		50	50	20.90	21.07	20.85	21.5
		100	0	20.99	21.03	21.08	21.5
	16QAM	1	0	20.78	20.95	20.81	21.5
		1	50	20.96	20.90	20.93	21.5
		1	99	20.69	20.71	21.06	21.5
		50	0	20.77	20.59	20.91	21.5
		50	25	20.98	21.08	21.14	21.5
		50	50	20.92	20.91	20.87	21.5
		100	0	21.00	20.83	20.89	21.5
	64QAM	1	0	20.74	20.81	20.99	21.5
		1	50	20.75	20.95	20.92	21.5
		1	99	20.81	20.71	20.82	21.5
		50	0	21.13	21.05	21.02	21.5
		50	25	21.05	21.02	20.99	21.5
		50	50	21.04	20.72	20.90	21.5
		100	0	20.73	20.90	20.82	21.5
	256QAM	1	0	19.22	19.12	19.19	19.5
		1	50	19.08	19.27	19.22	19.5
		1	99	19.04	19.23	19.16	19.5
		50	0	19.09	19.11	19.18	19.5
		50	25	18.93	19.07	19.02	19.5
		50	50	18.90	18.99	19.04	19.5
		100	0	19.19	19.20	19.10	19.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	21.01	21.06	21.04	21.5
		1	37	20.91	21.06	20.97	21.5
		1	74	20.84	20.85	20.60	21.5
		36	0	21.08	20.96	21.08	21.5
		36	19	20.99	21.04	20.79	21.5
		36	39	20.83	21.02	20.83	21.5
		75	0	20.94	21.02	21.06	21.5
	16QAM	1	0	20.75	20.80	20.75	21.5
		1	37	20.92	20.84	20.91	21.5
		1	74	20.65	20.66	21.05	21.5
		36	0	20.65	20.53	20.78	21.5
		36	19	20.88	20.96	21.06	21.5
		36	39	20.90	20.82	20.79	21.5
		75	0	20.99	20.68	20.80	21.5
	64QAM	1	0	20.63	20.70	20.94	21.5
		1	37	20.72	20.92	20.88	21.5
		1	74	20.74	20.63	20.56	21.5
		36	0	**21.11**	20.94	20.93	21.5
		36	19	21.01	20.95	20.84	21.5
		36	39	20.89	20.67	20.75	21.5
		75	0	20.58	20.80	20.73	21.5
	256QAM	1	0	19.18	18.98	19.12	19.5
		1	37	19.03	19.15	19.07	19.5
		1	74	18.91	19.15	19.10	19.5
		36	0	18.94	19.03	19.14	19.5
		36	19	18.81	19.02	18.94	19.5
		36	39	18.79	18.90	18.94	19.5
		75	0	19.08	19.10	18.99	19.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	21.12	21.03	20.95	21.5
		1	24	20.82	21.04	21.01	21.5
		1	49	20.87	20.85	20.55	21.5
		25	0	21.00	20.91	**21.13**	21.5
		25	12	20.91	20.99	20.90	21.5
		25	25	20.76	20.96	20.74	21.5
		50	0	20.88	21.00	20.98	21.5
	16QAM	1	0	20.67	20.86	20.78	21.5
		1	24	20.95	20.85	20.80	21.5
		1	49	20.56	20.63	20.99	21.5
		25	0	20.64	20.55	20.81	21.5
		25	12	20.93	20.99	21.01	21.5
		25	25	20.86	20.81	20.77	21.5
		50	0	20.89	20.69	20.86	21.5
	64QAM	1	0	20.64	20.77	20.93	21.5
		1	24	20.68	20.94	20.77	21.5
		1	49	20.69	20.68	20.54	21.5
		25	0	21.12	21.02	20.98	21.5
		25	12	21.04	20.88	20.92	21.5
		25	25	20.96	20.67	20.85	21.5
		50	0	20.65	20.87	20.70	21.5
	256QAM	1	0	19.14	19.10	19.16	19.5
		1	24	18.99	19.26	19.14	19.5
		1	49	18.95	19.22	19.01	19.5
		25	0	19.07	18.97	19.14	19.5
		25	12	18.78	19.05	18.92	19.5
		25	25	18.85	18.89	18.89	19.5
		50	0	19.12	19.14	19.05	19.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	**21.12**	21.05	20.99	21.5
		1	12	20.84	21.04	20.89	21.5
		1	24	20.91	20.79	20.55	21.5
		12	0	20.97	20.89	21.08	21.5
		12	6	21.01	20.97	20.82	21.5
		12	13	20.84	20.95	20.84	21.5
		25	0	20.86	20.97	20.96	21.5
	16QAM	1	0	20.77	20.86	20.76	21.5
		1	12	20.81	20.77	20.91	21.5
		1	24	20.64	20.56	20.91	21.5
		12	0	20.75	20.50	20.78	21.5
		12	6	20.88	21.05	21.07	21.5
		12	13	20.79	20.88	20.84	21.5
		25	0	20.85	20.74	20.83	21.5
	64QAM	1	0	20.72	20.70	20.86	21.5
		1	12	20.62	20.82	20.87	21.5
		1	24	20.70	20.60	20.57	21.5
		12	0	21.03	20.96	20.94	21.5
		12	6	20.92	20.87	20.90	21.5
		12	13	21.02	20.58	20.88	21.5
		25	0	20.58	20.84	20.78	21.5
	256QAM	1	0	19.07	19.03	19.17	19.5
		1	12	19.04	19.22	19.09	19.5
		1	24	18.93	19.08	19.10	19.5
		12	0	19.02	19.04	19.14	19.5
		12	6	18.91	19.00	18.88	19.5
		12	13	18.89	18.97	18.98	19.5
		25	0	19.14	19.06	19.09	19.5

LTE Band 7_Ant2							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	15.10	**15.18**	15.07	16
		1	50	15.05	15.15	15.03	16
		1	99	15.03	14.89	15.09	16
		50	0	15.01	15.12	15.14	16
		50	25	14.90	14.90	15.05	16
		50	50	14.89	14.93	15.07	16
		100	0	15.12	15.13	14.93	16
	16QAM	1	0	14.74	15.07	14.97	16
		1	50	14.83	14.93	14.82	16
		1	99	15.00	14.87	14.82	16
		50	0	14.86	14.73	14.98	16
		50	25	14.94	14.80	14.88	16
		50	50	14.84	14.82	14.77	16
		100	0	14.80	14.94	14.85	16
	64QAM	1	0	14.96	14.92	14.66	16
		1	50	14.82	14.94	15.11	16
		1	99	14.98	14.87	15.02	16
		50	0	14.94	14.71	14.86	16
		50	25	14.90	15.00	14.82	16
		50	50	14.96	14.97	14.92	16
		100	0	14.89	14.77	14.88	16
	256QAM	1	0	15.01	14.76	14.81	16
		1	50	14.89	14.87	14.77	16
		1	99	14.96	14.88	14.67	16
		50	0	15.04	14.79	14.72	16
		50	25	14.75	14.88	14.74	16
		50	50	14.88	14.69	14.76	16
		100	0	14.94	14.79	15.04	16
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	15.02	15.03	14.96	16
		1	37	14.91	15.04	14.98	16
		1	74	14.89	14.78	14.99	16
		36	0	14.93	15.06	15.04	16
		36	19	14.86	14.75	14.92	16
		36	39	14.86	14.86	15.00	16
		75	0	14.97	**15.07**	14.87	16
	16QAM	1	0	14.72	15.04	14.93	16
		1	37	14.69	14.85	14.77	16
		1	74	14.96	14.82	14.76	16
		36	0	14.80	14.66	14.88	16
		36	19	14.82	14.74	14.87	16
		36	39	14.69	14.74	14.70	16
		75	0	14.73	14.79	14.73	16
	64QAM	1	0	14.89	14.89	14.64	16
		1	37	14.76	14.90	15.06	16
		1	74	14.89	14.77	14.96	16
		36	0	14.81	14.62	14.72	16
		36	19	14.83	14.99	14.79	16
		36	39	14.83	14.83	14.89	16
		75	0	14.87	14.75	14.83	16
	256QAM	1	0	15.00	14.69	14.76	16
		1	37	14.84	14.72	14.70	16
		1	74	14.92	14.76	14.66	16
		36	0	14.95	14.72	14.63	16
		36	19	14.74	14.87	14.70	16
		36	39	14.77	14.59	14.72	16
		75	0	14.93	14.78	15.00	16
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	15.03	**15.10**	14.96	16
		1	24	15.02	15.09	14.92	16
		1	49	14.90	14.80	14.95	16
		25	0	14.99	15.09	15.09	16
		25	12	14.84	14.81	15.00	16
		25	25	14.78	14.84	14.98	16
		50	0	15.04	15.06	14.90	16
	16QAM	1	0	14.67	15.01	14.82	16
		1	24	14.75	14.81	14.69	16
		1	49	14.95	14.85	14.74	16
		25	0	14.74	14.69	14.89	16
		25	12	14.84	14.76	14.78	16
		25	25	14.70	14.76	14.75	16
		50	0	14.77	14.84	14.82	16
	64QAM	1	0	14.94	14.88	14.51	16
		1	24	14.81	14.83	14.98	16
		1	49	14.89	14.74	14.97	16
		25	0	14.85	14.59	14.84	16
		25	12	14.86	14.86	14.70	16
		25	25	14.91	14.94	14.82	16
		50	0	14.75	14.64	14.73	16
	256QAM	1	0	14.94	14.72	14.72	16
		1	24	14.85	14.82	14.67	16
		1	49	14.85	14.86	14.53	16
		25	0	14.89	14.69	14.63	16
		25	12	14.60	14.80	14.73	16
		25	25	14.80	14.56	14.69	16
		50	0	14.81	14.73	14.98	16
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	15.08	15.01	15.05	16
		1	12	14.98	15.11	14.95	16
		1	24	14.90	14.84	15.04	16
		12	0	14.95	15.00	15.10	16
		12	6	14.76	14.86	15.01	16
		12	13	14.85	14.84	14.93	16
		25	0	15.02	**15.13**	14.92	16
	16QAM	1	0	14.71	14.96	14.90	16
		1	12	14.75	14.79	14.68	16
		1	24	14.98	14.86	14.77	16
		12	0	14.83	14.63	14.91	16
		12	6	14.84	14.72	14.73	16
		12	13	14.78	14.76	14.62	16
		25	0	14.73	14.92	14.76	16
	64QAM	1	0	14.90	14.81	14.55	16
		1	12	14.79	14.86	15.05	16
		1	24	14.96	14.80	15.01	16
		12	0	14.90	14.56	14.72	16
		12	6	14.87	14.89	14.69	16
		12	13	14.90	14.92	14.78	16
		25	0	14.87	14.65	14.73	16
	256QAM	1	0	14.90	14.73	14.80	16
		1	12	14.83	14.78	14.65	16
		1	24	14.93	14.85	14.57	16
		12	0	14.95	14.72	14.69	16
		12	6	14.73	14.85	14.65	16
		12	13	14.75	14.58	14.62	16
		25	0	14.92	14.65	15.03	16

LTE Band 7_Ant3							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	16.95	16.89	16.99	18.5
		1	50	17.04	**17.27**	17.08	18.5
		1	99	16.86	16.95	16.96	18.5
		50	0	16.96	17.24	17.01	18.5
		50	25	16.99	16.99	17.01	18.5
		50	50	16.82	16.70	16.88	18.5
		100	0	16.98	17.09	16.80	18.5
	16QAM	1	0	16.69	17.05	16.77	18.5
		1	50	16.80	16.99	16.79	18.5
		1	99	16.98	16.76	16.82	18.5
		50	0	16.81	16.61	16.96	18.5
		50	25	16.83	16.67	16.86	18.5
		50	50	16.85	16.72	16.66	18.5
		100	0	16.75	16.68	16.78	18.5
	64QAM	1	0	16.92	16.86	16.71	18.5
		1	50	16.69	16.84	16.92	18.5
		1	99	16.94	16.77	16.81	18.5
		50	0	16.88	16.68	16.74	18.5
		50	25	16.81	17.06	16.66	18.5
		50	50	16.96	17.06	16.92	18.5
		100	0	16.83	16.76	16.70	18.5
	256QAM	1	0	16.92	16.76	16.60	18.5
		1	50	16.86	16.89	16.69	18.5
		1	99	16.85	16.91	16.55	18.5
		50	0	16.91	16.61	16.70	18.5
		50	25	16.76	16.66	16.57	18.5
		50	50	16.85	16.63	16.73	18.5
		100	0	16.90	16.85	17.08	18.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	16.91	16.79	16.87	18.5
		1	37	17.02	**17.15**	16.93	18.5
		1	74	16.79	16.82	16.82	18.5
		36	0	16.95	17.13	16.95	18.5
		36	19	16.96	16.93	16.87	18.5
		36	39	16.75	16.66	16.77	18.5
		75	0	16.93	16.96	16.73	18.5
	16QAM	1	0	16.61	16.98	16.63	18.5
		1	37	16.69	16.96	16.74	18.5
		1	74	16.90	16.70	16.74	18.5
		36	0	16.69	16.59	16.91	18.5
		36	19	16.79	16.54	16.71	18.5
		36	39	16.81	16.60	16.54	18.5
		75	0	16.66	16.62	16.74	18.5
	64QAM	1	0	16.85	16.76	16.63	18.5
		1	37	16.64	16.74	16.80	18.5
		1	74	16.90	16.69	16.76	18.5
		36	0	16.76	16.54	16.71	18.5
		36	19	16.72	17.02	16.63	18.5
		36	39	16.94	16.99	16.80	18.5
		75	0	16.68	16.67	16.55	18.5
	256QAM	1	0	16.87	16.62	16.59	18.5
		1	37	16.77	16.80	16.62	18.5
		1	74	16.82	16.85	16.55	18.5
		36	0	16.77	16.50	16.58	18.5
		36	19	16.65	16.61	16.62	18.5
		36	39	16.83	16.61	16.61	18.5
		75	0	16.86	16.83	17.00	18.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	16.93	16.82	16.91	18.5
		1	24	16.95	**17.20**	17.03	18.5
		1	49	16.83	16.92	16.82	18.5
		25	0	16.90	17.19	16.92	18.5
		25	12	16.89	16.97	16.95	18.5
		25	25	16.69	16.62	16.84	18.5
		50	0	16.85	17.05	16.79	18.5
	16QAM	1	0	16.57	17.00	16.71	18.5
		1	24	16.70	16.94	16.65	18.5
		1	49	16.90	16.73	16.80	18.5
		25	0	16.69	16.59	16.85	18.5
		25	12	16.77	16.54	16.84	18.5
		25	25	16.77	16.60	16.61	18.5
		50	0	16.60	16.61	16.74	18.5
	64QAM	1	0	16.80	16.73	16.56	18.5
		1	24	16.59	16.78	16.90	18.5
		1	49	16.81	16.72	16.73	18.5
		25	0	16.84	16.63	16.73	18.5
		25	12	16.77	16.94	16.58	18.5
		25	25	16.83	16.98	16.80	18.5
		50	0	16.82	16.71	16.55	18.5
	256QAM	1	0	16.78	16.61	16.60	18.5
		1	24	16.83	16.86	16.61	18.5
		1	49	16.74	16.86	16.60	18.5
		25	0	16.81	16.53	16.67	18.5
		25	12	16.72	16.58	16.58	18.5
		25	25	16.74	16.61	16.66	18.5
		50	0	16.80	16.70	17.06	18.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	16.92	16.80	16.93	18.5
		1	12	17.02	**17.18**	16.97	18.5
		1	24	16.85	16.80	16.90	18.5
		12	0	16.87	17.17	16.87	18.5
		12	6	16.97	16.84	16.90	18.5
		12	13	16.75	16.64	16.86	18.5
		25	0	16.89	17.07	16.65	18.5
	16QAM	1	0	16.64	17.01	16.76	18.5
		1	12	16.72	16.96	16.77	18.5
		1	24	16.85	16.68	16.69	18.5
		12	0	16.73	16.59	16.93	18.5
		12	6	16.80	16.65	16.71	18.5
		12	13	16.75	16.62	16.57	18.5
		25	0	16.65	16.66	16.63	18.5
	64QAM	1	0	16.84	16.84	16.67	18.5
		1	12	16.57	16.76	16.87	18.5
		1	24	16.92	16.71	16.75	18.5
		12	0	16.75	16.54	16.61	18.5
		12	6	16.71	16.97	16.52	18.5
		12	13	16.91	16.94	16.79	18.5
		25	0	16.76	16.70	16.58	18.5
	256QAM	1	0	16.91	16.63	16.51	18.5
		1	12	16.83	16.75	16.64	18.5
		1	24	16.76	16.89	16.56	18.5
		12	0	16.77	16.60	16.58	18.5
		12	6	16.61	16.65	16.54	18.5
		12	13	16.83	16.61	16.62	18.5
		25	0	16.87	16.77	17.04	18.5

CE LTE_DSI5

LTE Band 7_Ant4							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	13.38	13.21	13.28	15
		1	50	13.56	**13.65**	13.42	15
		1	99	13.33	13.22	13.21	15
		50	0	13.24	13.59	13.38	15
		50	25	13.32	13.39	13.25	15
		50	50	13.36	13.13	13.17	15
		100	0	13.30	13.36	13.18	15
	16QAM	1	0	13.11	13.47	13.24	15
		1	50	13.19	13.33	13.23	15
		1	99	13.22	13.27	13.24	15
		50	0	13.15	13.25	13.28	15
		50	25	13.17	13.19	13.24	15
		50	50	13.13	13.25	13.23	15
		100	0	13.22	13.21	13.21	15
	64QAM	1	0	13.43	13.37	13.11	15
		1	50	13.16	13.27	13.26	15
		1	99	13.28	13.01	13.22	15
		50	0	13.27	13.26	13.17	15
		50	25	13.10	13.41	13.05	15
		50	50	13.31	13.28	13.36	15
		100	0	13.31	13.28	13.19	15
	256QAM	1	0	13.28	13.49	13.48	15
		1	50	13.30	13.36	13.53	15
		1	99	13.17	13.34	13.40	15
		50	0	13.23	13.34	13.12	15
		50	25	13.16	13.25	13.44	15
		50	50	13.20	13.27	13.48	15
		100	0	13.25	13.04	13.32	15
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	13.32	13.14	13.14	15
		1	37	13.53	**13.60**	13.33	15
		1	74	13.23	13.17	13.08	15
		36	0	13.16	13.44	13.28	15
		36	19	13.22	13.28	13.12	15
		36	39	13.23	13.10	13.14	15
		75	0	13.19	13.28	13.15	15
	16QAM	1	0	13.08	13.43	13.17	15
		1	37	13.06	13.20	13.21	15
		1	74	13.11	13.19	13.23	15
		36	0	13.05	13.19	13.18	15
		36	19	13.16	13.08	13.20	15
		36	39	13.12	13.16	13.14	15
		75	0	13.10	13.08	13.19	15
	64QAM	1	0	13.39	13.24	13.17	15
		1	37	13.01	13.13	13.21	15
		1	74	13.15	13.16	13.10	15
		36	0	13.12	13.15	13.03	15
		36	19	13.03	13.33	13.03	15
		36	39	13.24	13.16	13.24	15
		75	0	13.30	13.27	13.09	15
	256QAM	1	0	13.24	13.34	13.38	15
		1	37	13.16	13.22	13.42	15
		1	74	13.04	13.26	13.26	15
		36	0	13.18	13.31	13.07	15
		36	19	13.13	13.12	13.35	15
		36	39	13.05	13.25	13.43	15
		75	0	13.18	13.13	13.29	15
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	13.31	13.18	13.17	15
		1	24	13.45	13.52	13.32	15
		1	49	13.22	13.13	13.19	15
		25	0	13.09	**13.54**	13.26	15
		25	12	13.27	13.38	13.22	15
		25	25	13.23	13.04	13.10	15
		50	0	13.20	13.27	13.13	15
	16QAM	1	0	13.02	13.35	13.21	15
		1	24	13.07	13.27	13.11	15
		1	49	13.08	13.24	13.14	15
		25	0	13.03	13.24	13.23	15
		25	12	13.15	13.09	13.09	15
		25	25	13.08	13.16	13.10	15
		50	0	13.08	13.12	13.19	15
	64QAM	1	0	13.34	13.28	13.18	15
		1	24	13.05	13.14	13.23	15
		1	49	13.17	13.14	13.21	15
		25	0	13.23	13.21	13.05	15
		25	12	13.20	13.26	13.19	15
		25	25	13.30	13.23	13.32	15
		50	0	13.29	13.22	13.12	15
	256QAM	1	0	13.23	13.47	13.46	15
		1	24	13.24	13.23	13.38	15
		1	49	13.16	13.29	13.38	15
		25	0	13.13	13.32	13.07	15
		25	12	13.05	13.16	13.30	15
		25	25	13.11	13.25	13.37	15
		50	0	13.18	13.03	13.30	15
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	13.36	13.18	13.18	15
		1	12	13.51	13.53	13.29	15
		1	24	13.29	13.19	13.10	15
		12	0	13.15	**13.55**	13.30	15
		12	6	13.23	13.27	13.19	15
		12	13	13.33	13.03	13.11	15
		25	0	13.16	13.33	13.04	15
	16QAM	1	0	13.06	13.40	13.17	15
		1	12	13.14	13.32	13.11	15
		1	24	13.13	13.15	13.18	15
		12	0	13.11	13.22	13.23	15
		12	6	13.14	13.07	13.23	15
		12	13	13.02	13.23	13.12	15
		25	0	13.20	13.20	13.17	15
	64QAM	1	0	13.31	13.33	13.19	15
		1	12	13.08	13.12	13.23	15
		1	24	13.17	13.08	13.21	15
		12	0	13.26	13.11	13.12	15
		12	6	13.01	13.28	13.14	15
		12	13	13.21	13.17	13.21	15
		25	0	13.29	13.26	13.10	15
	256QAM	1	0	13.21	13.34	13.41	15
		1	12	13.19	13.23	13.38	15
		1	24	13.16	13.33	13.37	15
		12	0	13.10	13.23	13.02	15
		12	6	13.11	13.16	13.31	15
		12	13	13.08	13.17	13.46	15
		25	0	13.18	13.11	13.20	15

LTE Band 7_Ant4 For ENDC							
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	12.95	12.74	12.87	14.5
		1	50	13.07	**13.28**	12.99	14.5
		1	99	12.90	12.85	12.79	14.5
		50	0	12.77	13.22	12.92	14.5
		50	25	12.86	12.90	12.84	14.5
		50	50	12.97	12.74	12.73	14.5
		100	0	12.91	12.94	12.80	14.5
	16QAM	1	0	12.61	13.10	12.83	14.5
		1	50	12.79	12.85	12.72	14.5
		1	99	12.77	12.80	12.85	14.5
		50	0	12.77	12.85	12.91	14.5
		50	25	12.74	12.82	12.78	14.5
		50	50	12.71	12.79	12.83	14.5
		100	0	12.83	12.72	12.73	14.5
	64QAM	1	0	13.05	12.92	12.71	14.5
		1	50	12.70	12.86	12.76	14.5
		1	99	12.78	12.55	12.75	14.5
		50	0	12.86	12.84	12.66	14.5
		50	25	12.68	12.95	12.66	14.5
		50	50	12.84	12.83	12.94	14.5
		100	0	12.91	12.86	12.78	14.5
	256QAM	1	0	12.83	13.09	13.04	14.5
		1	50	12.79	12.97	13.16	14.5
		1	99	12.78	12.88	12.95	14.5
		50	0	12.77	12.86	12.68	14.5
		50	25	12.73	12.88	13.00	14.5
		50	50	12.70	12.81	13.05	14.5
		100	0	12.75	12.62	12.93	14.5
BW	Modulation	Channel		20825	21100	21375	Max. Tune-up (dBm)
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	12.81	12.71	12.80	14.5
		1	37	13.04	**13.13**	12.93	14.5
		1	74	12.88	12.74	12.66	14.5
		36	0	12.68	13.12	12.77	14.5
		36	19	12.73	12.81	12.71	14.5
		36	39	12.94	12.59	12.60	14.5
		75	0	12.85	12.80	12.79	14.5
	16QAM	1	0	12.79	13.08	12.78	14.5
		1	37	12.70	12.81	12.58	14.5
		1	74	12.67	12.75	12.70	14.5
		36	0	12.67	12.71	12.83	14.5
		36	19	12.73	12.68	12.70	14.5
		36	39	12.58	12.73	12.69	14.5
		75	0	12.74	12.69	12.62	14.5
	64QAM	1	0	13.02	12.86	12.62	14.5
		1	37	12.65	12.82	12.75	14.5
		1	74	12.70	12.79	12.72	14.5
		36	0	12.77	12.79	12.62	14.5
		36	19	12.55	12.84	12.60	14.5
		36	39	12.71	12.69	12.90	14.5
		75	0	12.83	12.76	12.63	14.5
	256QAM	1	0	12.72	13.00	13.03	14.5
		1	37	12.77	12.95	13.02	14.5
		1	74	12.68	12.84	12.92	14.5
		36	0	12.63	12.75	12.53	14.5
		36	19	12.59	12.81	12.99	14.5
		36	39	12.58	12.70	12.95	14.5
		75	0	12.72	12.59	12.80	14.5
BW	Modulation	Channel		20800	21100	21400	Max. Tune-up (dBm)
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	12.86	12.69	12.84	14.5
		1	24	12.96	13.10	12.97	14.5
		1	49	12.89	12.78	12.73	14.5
		25	0	12.62	**13.20**	12.78	14.5
		25	12	12.77	12.79	12.81	14.5
		25	25	12.87	12.65	12.71	14.5
		50	0	12.90	12.91	12.71	14.5
	16QAM	1	0	12.52	13.03	12.76	14.5
		1	24	12.67	12.74	12.63	14.5
		1	49	12.73	12.75	12.76	14.5
		25	0	12.63	12.73	12.90	14.5
		25	12	12.65	12.69	12.69	14.5
		25	25	12.57	12.69	12.80	14.5
		50	0	12.70	12.62	12.66	14.5
	64QAM	1	0	12.96	12.78	12.70	14.5
		1	24	12.64	12.80	12.63	14.5
		1	49	12.66	12.87	12.61	14.5
		25	0	12.79	12.69	12.63	14.5
		25	12	12.59	12.90	12.59	14.5
		25	25	12.72	12.77	12.85	14.5
		50	0	12.77	12.83	12.64	14.5
	256QAM	1	0	12.79	12.97	13.03	14.5
		1	24	12.73	12.92	13.02	14.5
		1	49	12.75	12.78	12.92	14.5
		25	0	12.69	12.73	12.61	14.5
		25	12	12.62	12.74	12.99	14.5
		25	25	12.60	12.77	12.95	14.5
		50	0	12.62	12.53	12.79	14.5
BW	Modulation	Channel		20775	21100	21425	Max. Tune-up (dBm)
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	12.86	12.66	12.84	14.5
		1	12	13.01	**13.17**	12.91	14.5
		1	24	12.84	12.74	12.73	14.5
		12	0	12.66	13.07	12.82	14.5
		12	6	12.82	12.86	12.80	14.5
		12	13	12.83	12.60	12.70	14.5
		25	0	12.78	12.84	12.75	14.5
	16QAM	1	0	12.96	13.00	12.71	14.5
		1	12	12.73	12.73	12.63	14.5
		1	24	12.66	12.67	12.81	14.5
		12	0	12.71	12.82	12.78	14.5
		12	6	12.73	12.70	12.71	14.5
		12	13	12.59	12.70	12.77	14.5
		25	0	12.68	12.61	12.65	14.5
	64QAM	1	0	12.91	12.87	12.69	14.5
		1	12	12.61	12.71	12.64	14.5
		1	24	12.66	12.51	12.61	14.5
		12	0	12.75	12.75	12.56	14.5
		12	6	12.58	12.91	12.58	14.5
		12	13	12.75	12.76	12.81	14.5
		25	0	12.89	12.72	12.70	14.5
	256QAM	1	0	12.78	13.02	12.89	14.5
		1	12	12.76	12.82	13.15	14.5
		1	24	12.67	12.77	12.83	14.5
		12	0	12.69	12.78	12.67	14.5
		12	6	12.71	12.82	12.94	14.5
		12	13	12.66	12.70	13.04	14.5
		25	0	12.64	12.93	12.87	14.5

CE LTE_DSI5

LTE Band 38_Ant0

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2589	2593	2616	
20M	QPSK	1	0	23.70	**23.75**	23.62	24.5
		1	50	23.52	23.52	23.46	24.5
		1	99	23.46	23.45	23.22	24.5
		50	0	22.76	22.76	22.72	23.5
		50	25	22.59	22.70	22.66	23.5
		50	50	22.55	22.73	22.72	23.5
		100	0	22.60	22.64	22.51	23.5
	16QAM	1	0	22.53	22.37	22.38	23.5
		1	50	22.65	22.46	22.51	23.5
		1	99	22.52	22.42	22.43	23.5
		50	0	21.79	21.70	21.61	22.5
		50	25	21.67	21.69	21.56	22.5
		50	50	21.62	21.64	21.48	22.5
		100	0	21.72	21.59	21.68	22.5
	64QAM	1	0	21.96	21.75	21.93	22.5
		1	50	21.80	21.68	21.68	22.5
		1	99	21.59	21.43	21.42	22.5
		50	0	20.75	20.63	20.72	21.5
		50	25	20.76	20.74	20.76	21.5
		50	50	20.73	20.68	20.61	21.5
		100	0	20.68	20.73	20.55	21.5
	256QAM	1	0	18.75	18.67	18.64	19.5
		1	50	18.77	18.67	18.70	19.5
		1	99	18.45	18.38	18.29	19.5
		50	0	18.74	18.83	18.73	19.5
		50	25	18.73	18.62	18.66	19.5
		50	50	18.73	18.73	18.50	19.5
		100	0	18.63	18.61	18.62	19.5
BW	Modulation	Channel		37925	38000	38075	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	**23.65**	23.64	23.48	24.5
		1	37	23.51	23.47	23.38	24.5
		1	74	23.31	23.37	23.10	24.5
		36	0	22.63	22.66	22.64	23.5
		36	19	22.44	22.59	22.55	23.5
		36	39	22.41	22.69	22.60	23.5
		75	0	22.47	22.59	22.39	23.5
	16QAM	1	0	22.49	22.30	22.31	23.5
		1	37	22.60	22.44	22.40	23.5
		1	74	22.44	22.37	22.40	23.5
		36	0	21.70	21.56	21.56	22.5
		36	19	21.63	21.54	21.42	22.5
		36	39	21.54	21.63	21.33	22.5
		75	0	21.68	21.56	21.54	22.5
	64QAM	1	0	21.83	21.60	21.84	22.5
		1	37	21.76	21.65	21.61	22.5
		1	74	21.48	21.32	21.30	22.5
		36	0	20.70	20.48	20.62	21.5
		36	19	20.67	20.71	20.74	21.5
		36	39	20.61	20.53	20.59	21.5
		75	0	20.62	20.59	20.46	21.5
	256QAM	1	0	18.66	18.52	18.62	19.5
		1	37	18.71	18.54	18.68	19.5
		1	74	18.38	18.35	18.14	19.5
		36	0	18.63	18.51	18.64	19.5
		36	19	18.59	18.60	18.65	19.5
		36	39	18.70	18.59	18.45	19.5
		75	0	18.54	18.56	18.52	19.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	23.61	**23.64**	23.49	24.5
		1	24	23.46	23.38	23.35	24.5
		1	49	23.39	23.43	23.09	24.5
		25	0	22.69	22.68	22.66	23.5
		25	12	22.51	22.58	22.53	23.5
		25	25	22.47	22.61	22.69	23.5
		50	0	22.47	22.52	22.43	23.5
	16QAM	1	0	22.43	22.36	22.37	23.5
		1	24	22.52	22.44	22.38	23.5
		1	49	22.41	22.32	22.31	23.5
		25	0	21.68	21.63	21.56	22.5
		25	12	21.66	21.58	21.43	22.5
		25	25	21.50	21.48	21.36	22.5
		50	0	21.60	21.57	21.66	22.5
	64QAM	1	0	21.93	21.68	21.85	22.5
		1	24	21.71	21.64	21.54	22.5
		1	49	21.57	21.32	21.32	22.5
		25	0	20.69	20.53	20.58	21.5
		25	12	20.70	20.64	20.63	21.5
		25	25	20.70	20.62	20.60	21.5
		50	0	20.57	20.64	20.47	21.5
	256QAM	1	0	18.60	18.64	18.52	19.5
		1	24	18.73	18.54	18.63	19.5
		1	49	18.32	18.34	18.22	19.5
		25	0	18.63	18.48	18.65	19.5
		25	12	18.68	18.53	18.51	19.5
		25	25	18.72	18.69	18.48	19.5
		50	0	18.51	18.58	18.57	19.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	23.61	**23.65**	23.54	24.5
		1	12	23.37	23.40	23.38	24.5
		1	24	23.40	23.30	23.16	24.5
		12	0	22.70	22.68	22.70	23.5
		12	6	22.54	22.66	22.59	23.5
		12	13	22.51	22.62	22.60	23.5
		25	0	22.48	22.52	22.38	23.5
	16QAM	1	0	22.49	22.33	22.29	23.5
		1	12	22.62	22.35	22.39	23.5
		1	24	22.48	22.31	22.31	23.5
		12	0	21.67	21.68	21.49	22.5
		12	6	21.52	21.59	21.52	22.5
		12	13	21.48	21.61	21.37	22.5
		25	0	21.66	21.49	21.59	22.5
	64QAM	1	0	21.91	21.73	21.86	22.5
		1	12	21.73	21.64	21.60	22.5
		1	24	21.48	21.39	21.30	22.5
		12	0	20.63	20.48	20.68	21.5
		12	6	20.66	20.65	20.65	21.5
		12	13	20.62	20.61	20.50	21.5
		25	0	20.65	20.69	20.47	21.5
	256QAM	1	0	18.69	18.52	18.49	19.5
		1	12	18.68	18.56	18.62	19.5
		1	24	18.35	18.33	18.21	19.5
		12	0	18.66	18.59	18.62	19.5
		12	6	18.59	18.47	18.54	19.5
		12	13	18.60	18.63	18.42	19.5
		25	0	18.49	18.49	18.54	19.5

LTE Band 38_Ant2

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2589	2593	2616	
20M	QPSK	1	0	17.99	17.89	17.94	19
		1	50	**18.20**	18.15	18.17	19
		1	99	17.76	17.90	17.95	19
		50	0	17.90	18.11	18.01	19
		50	25	18.03	18.01	18.02	19
		50	50	17.95	17.74	17.95	19
		100	0	18.08	18.03	17.76	19
	16QAM	1	0	17.73	18.04	18.08	19
		1	50	17.77	17.90	17.78	19
		1	99	17.80	17.79	17.96	19
		50	0	17.81	17.76	18.07	19
		50	25	17.91	17.80	17.97	19
		50	50	17.68	17.79	17.83	19
		100	0	17.92	17.70	17.95	19
	64QAM	1	0	18.05	17.99	17.76	19
		1	50	17.68	17.75	17.92	19
		1	99	17.81	17.81	17.96	19
		50	0	17.99	17.88	17.78	19
		50	25	17.82	18.08	17.67	19
		50	50	17.99	17.96	18.06	19
		100	0	18.02	17.97	18.12	19
	256QAM	1	0	17.98	17.94	17.95	19
		1	50	17.98	18.01	18.10	19
		1	99	17.89	17.94	17.95	19
		50	0	17.98	17.94	17.92	19
		50	25	17.76	17.75	18.01	19
		50	50	17.72	18.02	18.12	19
		100	0	18.02	17.81	18.11	19
BW	Modulation	Channel		37925	38000	38075	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	17.98	17.78	17.91	19
		1	37	18.07	18.03	18.09	19
		1	74	17.73	17.86	17.88	19
		36	0	17.86	18.00	17.88	19
		36	19	17.90	17.95	17.89	19
		36	39	17.92	17.72	17.83	19
		75	0	17.99	17.94	17.74	19
	16QAM	1	0	17.72	18.03	18.04	19
		1	37	17.70	17.89	17.75	19
		1	74	17.79	17.66	17.83	19
		36	0	17.76	17.72	18.00	19
		36	19	17.81	17.66	17.93	19
		36	39	17.61	17.66	17.69	19
		75	0	17.91	17.60	17.84	19
	64QAM	1	0	17.99	17.92	17.74	19
		1	37	17.99	17.70	17.79	19
		1	74	17.80	17.73	17.81	19
		36	0	17.95	17.73	17.70	19
		36	19	17.80	18.05	17.53	19
		36	39	17.84	17.91	17.97	19
		75	0	18.00	17.96	**18.09**	19
	256QAM	1	0	17.87	17.79	17.89	19
		1	37	17.96	17.95	17.98	19
		1	74	17.76	17.85	17.80	19
		36	0	17.88	17.93	17.81	19
		36	19	17.65	17.70	17.95	19
		36	39	17.60	17.87	18.06	19
		75	0	17.98	17.70	17.98	19
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	17.98	17.87	17.90	19
		1	24	**18.14**	18.08	18.06	19
		1	49	17.66	17.84	17.91	19
		25	0	17.79	18.07	17.90	19
		25	12	17.96	17.88	17.96	19
		25	25	17.86	17.69	17.85	19
		50	0	17.99	17.91	17.61	19
	16QAM	1	0	17.59	17.95	18.07	19
		1	24	17.65	17.78	17.73	19
		1	49	17.79	17.64	17.90	19
		25	0	17.80	17.86	18.02	19
		25	12	17.86	17.65	17.87	19
		25	25	17.58	17.72	17.80	19
		50	0	17.80	17.59	17.86	19
	64QAM	1	0	18.00	17.91	17.69	19
		1	24	17.53	17.72	17.82	19
		1	49	17.77	17.68	17.92	19
		25	0	17.85	17.83	17.71	19
		25	12	17.77	17.97	17.62	19
		25	25	17.95	17.85	18.00	19
		50	0	17.94	17.87	18.09	19
	256QAM	1	0	17.97	17.79	17.85	19
		1	24	17.85	17.83	17.90	19
		1	49	17.80	17.88	17.86	19
		25	0	17.85	17.83	17.90	19
		25	12	17.67	17.64	17.88	19
		25	25	17.62	17.89	17.98	19
		50	0	17.93	17.70	18.04	19
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	17.87	17.84	17.87	19
		1	12	18.05	**18.10**	18.08	19
		1	24	17.75	17.86	17.83	19
		12	0	17.77	18.05	17.88	19
		12	6	18.00	17.88	17.94	19
		12	13	17.81	17.62	17.90	19
		25	0	18.03	17.94	17.87	19
	16QAM	1	0	17.58	18.02	17.96	19
		1	12	17.73	17.79	17.69	19
		1	24	17.77	17.66	17.90	19
		12	0	17.74	17.65	17.98	19
		12	6	17.77	17.73	17.87	19
		12	13	17.56	17.69	17.71	19
		25	0	17.78	17.61	17.84	19
	64QAM	1	0	17.98	17.95	17.64	19
		1	12	17.57	17.84	17.94	19
		1	24	17.76	17.80	17.93	19
		12	0	17.88	17.73	17.76	19
		12	6	17.70	17.98	17.59	19
		12	13	17.86	17.93	18.05	19
		25	0	17.93	17.92	18.08	19
	256QAM	1	0	17.87	17.93	17.84	19
		1	12	17.83	17.99	18.01	19
		1	24	17.85	17.84	17.83	19
		12	0	17.87	17.87	17.77	19
		12	6	17.72	17.67	17.86	19
		12	13	17.58	17.95	18.10	19
		25	0	17.91	17.73	17.99	19

LTE Band 38_Ant3

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2589	2593	2616	
20M	QPSK	1	0	**20.86**	20.75	20.75	21.5
		1	50	20.77	20.84	20.68	21.5
		1	99	20.49	20.58	20.66	21.5
		50	0	20.52	20.70	20.72	21.5
		50	25	20.61	20.43	20.57	21.5
		50	50	20.61	20.43	20.46	21.5
		100	0	20.58	20.65	20.45	21.5
	16QAM	1	0	20.22	20.74	20.60	21.5
		1	50	20.55	20.66	20.41	21.5
		1	99	20.61	20.38	20.62	21.5
		50	0	20.35	20.40	20.65	21.5
		50	25	20.47	20.46	20.55	21.5
		50	50	20.37	20.32	20.45	21.5
		100	0	20.58	20.41	20.56	21.5
	64QAM	1	0	20.61	20.51	20.39	21.5
		1	50	20.27	20.46	20.57	21.5
		1	99	20.48	20.39	20.53	21.5
		50	0	20.45	20.52	20.38	21.5
		50	25	20.42	20.70	20.44	21.5
		50	50	20.58	20.70	20.54	21.5
		100	0	20.61	20.67	20.65	21.5
	256QAM	1	0	19.50	19.67	19.60	20.5
		1	50	19.60	19.76	19.53	20.5
		1	99	19.33	19.43	19.50	20.5
		50	0	19.68	19.71	19.56	20.5
		50	25	19.68	19.61	19.60	20.5
		50	50	19.37	19.64	19.60	20.5
		100	0	19.50	19.68	19.69	20.5
BW	Modulation	Channel		37925	38000	38075	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	**20.80**	20.65	20.69	21.5
		1	37	20.68	20.72	20.67	21.5
		1	74	20.41	20.45	20.55	21.5
		36	0	20.46	20.61	20.65	21.5
		36	19	20.49	20.68	20.55	21.5
		36	39	20.50	20.33	20.32	21.5
		75	0	20.54	20.63	20.30	21.5
	16QAM	1	0	20.15	20.71	20.49	21.5
		1	37	20.44	20.58	20.36	21.5
		1	74	20.57	20.24	20.49	21.5
		36	0	20.23	20.35	20.57	21.5
		36	19	20.46	20.32	20.53	21.5
		36	39	20.22	20.17	20.36	21.5
		75	0	20.54	20.31	20.50	21.5
	64QAM	1	0	20.49	20.40	20.36	21.5
		1	37	20.21	20.37	20.54	21.5
		1	74	20.47	20.28	20.42	21.5
		36	0	20.33	20.43	20.33	21.5
		36	19	20.36	20.67	20.41	21.5
		36	39	20.51	20.55	20.45	21.5
		75	0	20.55	20.63	20.53	21.5
	256QAM	1	0	19.40	19.59	19.45	20.5
		1	37	19.45	19.65	19.43	20.5
		1	74	19.28	19.37	19.43	20.5
		36	0	19.58	19.67	19.51	20.5
		36	19	19.65	19.60	19.51	20.5
		36	39	19.25	19.49	19.57	20.5
		75	0	19.44	19.64	19.64	20.5
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	**20.84**	20.65	20.72	21.5
		1	24	20.71	20.75	20.56	21.5
		1	49	20.43	20.47	20.54	21.5
		25	0	20.42	20.62	20.61	21.5
		25	12	20.58	20.61	20.39	21.5
		25	25	20.59	20.38	20.38	21.5
		50	0	20.53	20.55	20.40	21.5
	16QAM	1	0	20.19	20.72	20.49	21.5
		1	24	20.48	20.63	20.34	21.5
		1	49	20.47	20.27	20.48	21.5
		25	0	20.24	20.38	20.61	21.5
		25	12	20.46	20.45	20.46	21.5
		25	25	20.34	20.28	20.35	21.5
		50	0	20.48	20.43	20.43	21.5
	64QAM	1	0	20.60	20.48	20.28	21.5
		1	24	20.26	20.42	20.47	21.5
		1	49	20.44	20.31	20.40	21.5
		25	0	20.42	20.49	20.27	21.5
		25	12	20.27	20.66	20.31	21.5
		25	25	20.45	20.68	20.51	21.5
		50	0	20.47	20.57	20.55	21.5
	256QAM	1	0	19.47	19.57	19.54	20.5
		1	24	19.67	19.62	19.38	20.5
		1	49	19.31	19.30	19.38	20.5
		25	0	19.59	19.64	19.44	20.5
		25	12	19.59	19.59	19.50	20.5
		25	25	19.23	19.56	19.46	20.5
		50	0	19.35	19.57	19.64	20.5
BW	Modulation	Channel		37775	38000	38225	Max. Tune-up (dBm)
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	20.72	20.61	20.69	21.5
		1	12	20.70	**20.73**	20.59	21.5
		1	24	20.35	20.48	20.61	21.5
		12	0	20.38	20.66	20.61	21.5
		12	6	20.53	20.58	20.46	21.5
		12	13	20.57	20.35	20.33	21.5
		25	0	20.47	20.60	20.40	21.5
	16QAM	1	0	20.09	20.64	20.52	21.5
		1	12	20.49	20.56	20.27	21.5
		1	24	20.47	20.27	20.54	21.5
		12	0	20.24	20.32	20.57	21.5
		12	6	20.43	20.38	20.40	21.5
		12	13	20.26	20.23	20.30	21.5
		25	0	20.57	20.33	20.55	21.5
	64QAM	1	0	20.50	20.39	20.33	21.5
		1	12	20.44	20.53	20.42	21.5
		1	24	20.46	20.36	20.50	21.5
		12	0	20.37	20.47	20.36	21.5
		12	6	20.31	20.58	20.38	21.5
		12	13	20.51	20.57	20.45	21.5
		25	0	20.63	20.63	20.57	21.5
	256QAM	1	0	19.47	19.57	19.54	20.5
		1	12	19.53	19.72	19.51	20.5
		1	24	19.18	19.39	19.43	20.5
		12	0	19.56	19.63	19.53	20.5
		12	6	19.56	19.49	19.56	20.5
		12	13	19.29	19.62	19.50	20.5
		25	0	19.44	19.54	19.62	20.5

LTE Band 38_Ant4

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequency (MHz)		2589	2593	2616	
20M	QPSK	1	0	15.34	15.39	15.43	17
		1	50	15.50	15.47	**15.64**	17
		1	99	15.53	15.44	15.34	17
		50	0	15.48	15.51	15.46	17
		50	25	15.44	15.46	15.36	17
		50	50	15.41	15.47	15.31	17
		100	0	15.38	15.48	15.45	17
	16QAM	1	0	15.07	15.49	15.30	17
		1	50	15.17	15.37	15.12	17
		1	99	15.24	15.17	15.37	17
		50	0	15.10	15.21	15.45	17
		50	25	15.20	15.21	15.41	17
		50	50	15.37	15.36	15.27	17
		100	0	15.28	15.38	15.36	17
	64QAM	1	0	15.42	15.33	15.10	17
		1	50	15.09	15.28	15.31	17
		1	99	15.25	15.16	15.28	17
		50	0	15.22	15.21	15.11	17
		50	25	15.15	15.41	15.18	17
		50	50	15.30	15.39	15.50	17
		100	0	15.40	15.44	15.41	17
	256QAM	1	0	15.45	15.33	15.29	17
		1	50	15.33	15.36	15.40	17
		1	99	15.26	15.31	15.41	17
		50	0	15.30	15.17	15.39	17
		50	25	15.22	15.15	15.38	17
		50	50	15.18	15.41	15.23	17
		100	0	15.31	15.20	15.44	17
BW	Modulation	Channel		37925	38000	38075	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	15.28	15.35	15.42	17
		1	37	15.36	15.44	15.49	17
		1	74	**15.52**	15.39	15.34	17
		36	0	15.38	15.43	15.36	17
		36	19	15.30	15.34	15.25	17
		36	39	15.36	15.45	15.26	17
		75	0	15.34	15.34	15.39	17
	16QAM	1	0	15.22	15.37	15.29	17
		1	37	15.13	15.34	15.03	17
		1	74	15.14	15.03	15.36	17
		36	0	15.22	15.15	15.41	17
		36	19	15.09	15.16	15.27	17
		36	39	15.31	15.26	15.14	17
		75	0	15.26	15.27	15.28	17
	64QAM	1	0	15.40	15.30	15.05	17
		1	37	15.27	15.14	15.28	17
		1	74	15.15	15.01	15.13	17
		36	0	15.12	15.11	15.07	17
		36	19	15.01	15.32	15.05	17
		36	39	15.23	15.33	15.44	17
		75	0	15.26	15.32	15.31	17
	256QAM	1	0	15.39	15.23	15.18	17
		1	37	15.26	15.25	15.33	17
		1	74	15.12	15.22	15.31	17
		36	0	15.28	15.07	15.37	17
		36	19	15.10	15.06	15.23	17
		36	39	15.17	15.31	15.18	17
		75	0	15.17	15.08	15.42	17
BW	Modulation	Channel		37800	38000	38200	Max. Tune-up (dBm)
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	15.27	15.31	15.42	17
		1	24	15.39	15.42	**15.50**	17
		1	49	15.42	15.34	15.26	17
		25	0	15.38	15.37	15.45	17
		25	12	15.39	15.34	15.28	17
		25	25	15.36	15.32	15.16	17
		50	0	15.28	15.42	15.31	17
	16QAM	1	0	15.22	15.34	15.22	17
		1	24	15.05	15.36	15.09	17
		1	49	15.13	15.11	15.28	17
		25	0	15.25	15.16	15.44	17
		25	12	15.15	15.12	15.33	17
		25	25	15.25	15.27	15.23	17
		50	0	15.20	15.33	15.31	17
	64QAM	1	0	15

CE LTE_DSI5

LTE Band 41_Ant0

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2548.5	2593	2636.5	2680		
20M	QPSK	1	0	**23.31**	23.17	23.30	23.21	22.77	0	24
		1	50	23.07	23.02	23.12	22.96	22.80	0	24
		1	99	23.06	22.99	23.05	22.91	22.61	0	24
		50	0	22.79	22.48	22.62	22.66	22.39	0	23.5
		50	25	22.63	22.61	22.65	22.60	22.26	0	23.5
		50	50	22.63	22.55	22.69	22.59	22.21	0	23.5
		100	0	22.68	22.60	22.66	22.65	22.22	0	23.5
	16QAM	1	0	22.83	22.47	22.60	22.80	22.24	0	23.5
		1	50	22.66	22.65	22.75	22.62	22.21	0	23.5
		1	99	22.38	22.25	22.35	22.23	22.16	0	23.5
		50	0	21.76	21.51	21.59	21.62	21.23	0	22.5
		50	25	21.74	21.63	21.66	21.69	21.33	0	22.5
		50	50	21.72	21.46	21.57	21.60	21.38	0	22.5
		100	0	21.75	21.63	21.69	21.72	21.12	0	22.5
	64QAM	1	0	21.68	21.52	21.65	21.65	21.17	0	22.5
		1	50	21.64	21.56	21.67	21.55	21.25	0	22.5
		1	99	21.05	21.44	21.56	21.62	21.20	0	22.5
		50	0	20.80	20.72	20.81	20.79	20.32	0	21.5
		50	25	20.63	20.61	20.72	20.50	20.29	0	21.5
		50	50	20.60	20.62	20.67	20.49	20.17	0	21.5
		100	0	20.69	20.71	20.75	20.58	20.09	0	21.5
	256QAM	1	0	18.78	18.55	18.58	18.63	18.21	0	19.5
		1	50	18.71	18.47	18.53	18.59	18.37	0	19.5
		1	99	18.46	18.25	18.40	18.40	18.08	0	19.5
		50	0	18.72	18.52	18.67	18.58	18.26	0	19.5
		50	25	18.84	18.53	18.62	18.83	18.11	0	19.5
		50	50	18.63	18.48	18.49	18.56	18.25	0	19.5
		100	0	18.65	18.63	18.64	18.50	18.27	0	19.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	**23.29**	23.16	23.15	23.07	22.70	0	24
		1	37	22.95	22.85	23.10	22.92	22.69	0	24
		1	74	23.02	22.89	22.98	22.80	22.50	0	24
		36	0	22.65	22.54	22.61	22.41	22.35	0	23.5
		36	19	22.59	22.47	22.58	22.57	22.19	0	23.5
		36	39	22.53	22.58	22.55	22.54	22.20	0	23.5
		75	0	22.57	22.59	22.62	22.51	22.21	0	23.5
	16QAM	1	0	22.77	22.68	22.59	22.42	22.13	0	23.5
		1	37	22.54	22.54	22.73	22.54	22.10	0	23.5
		1	74	22.32	22.15	22.33	22.10	22.11	0	23.5
		36	0	21.66	21.56	21.54	21.38	21.17	0	22.5
		36	19	21.59	21.68	21.58	21.54	21.28	0	22.5
		36	39	21.61	21.54	21.43	21.45	21.27	0	22.5
		75	0	21.67	21.67	21.56	21.57	21.01	0	22.5
	64QAM	1	0	21.65	21.61	21.64	21.46	21.14	0	22.5
		1	37	21.52	21.49	21.55	21.55	21.22	0	22.5
		1	74	21.60	21.58	21.48	21.38	21.15	0	22.5
		36	0	20.69	20.89	20.76	20.67	20.24	0	21.5
		36	19	20.51	20.42	20.69	20.51	20.18	0	21.5
		36	39	20.57	20.40	20.55	20.50	20.13	0	21.5
		75	0	20.55	20.47	20.60	20.70	19.94	0	21.5
	256QAM	1	0	18.76	18.54	18.44	18.43	18.14	0	19.5
		1	37	18.70	18.57	18.44	18.46	18.32	0	19.5
		1	74	18.41	18.37	18.38	18.22	18.03	0	19.5
		36	0	18.67	18.48	18.52	18.38	18.16	0	19.5
		36	19	18.78	18.82	18.55	18.44	17.98	0	19.5
		36	39	18.60	18.52	18.36	18.47	18.18	0	19.5
		75	0	18.51	18.44	18.51	18.56	18.26	0	19.5

BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	23.25	23.20	**23.26**	23.10	22.73	0	24
		1	24	22.96	22.92	23.05	23.01	22.72	0	24
		1	49	22.91	22.76	22.93	22.92	22.54	0	24
		25	0	22.64	22.58	22.51	22.37	22.35	0	23.5
		25	12	22.57	22.55	22.53	22.59	22.21	0	23.5
		25	25	22.58	22.44	22.66	22.41	22.12	0	23.5
		50	0	22.63	22.55	22.61	22.49	22.14	0	23.5
	16QAM	1	0	22.76	22.67	22.45	22.42	22.14	0	23.5
		1	24	22.59	22.56	22.68	22.63	22.16	0	23.5
		1	49	22.29	22.17	22.27	22.23	22.04	0	23.5
		25	0	21.62	21.48	21.53	21.43	21.15	0	22.5
		25	12	21.72	21.61	21.64	21.48	21.25	0	22.5
		25	25	21.69	21.56	21.42	21.40	21.28	0	22.5
		50	0	21.64	21.68	21.62	21.52	21.06	0	22.5
	64QAM	1	0	21.60	21.54	21.63	21.49	21.16	0	22.5
		1	24	21.51	21.52	21.58	21.52	21.23	0	22.5
		1	49	21.50	21.57	21.51	21.36	21.13	0	22.5
		25	0	20.70	20.78	20.80	20.66	20.24	0	21.5
		25	12	20.55	20.48	20.60	20.57	20.24	0	21.5
		25	25	20.57	20.38	20.64	20.47	20.06	0	21.5
		50	0	20.66	20.50	20.69	20.65	19.99	0	21.5
	256QAM	1	0	18.77	18.56	18.48	18.51	18.10	0	19.5
		1	24	18.66	18.58	18.54	18.32	18.33	0	19.5
		1	49	18.41	18.37	18.35	18.18	17.96	0	19.5
		25	0	18.64	18.49	18.60	18.48	18.18	0	19.5
		25	12	18.70	18.71	18.50	18.41	18.10	0	19.5
		25	25	18.57	18.45	18.38	18.37	18.10	0	19.5
		50	0	18.61	18.41	18.60	18.57	18.16	0	19.5

BW	Modulation	Channel		39675	40140	40620	41093	41560	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	**23.20**	23.02	23.16	23.07	22.70	0	24
		1	12	22.99	22.95	23.10	22.87	22.79	0	24
		1	24	22.93	22.91	23.02	22.76	22.58	0	24
		12	0	22.74	22.40	22.53	22.57	22.31	0	23.5
		12	6	22.51	22.58	22.60	22.45	22.17	0	23.5
		12	13	22.51	22.42	22.64	22.50	22.20	0	23.5
		25	0	22.56	22.58	22.62	22.55	22.19	0	23.5
	16QAM	1	0	22.73	22.39	22.58	22.66	22.21	0	23.5
		1	12	22.65	22.53	22.68	22.57	22.13	0	23.5
		1	24	22.23	22.24	22.24	22.16	22.01	0	23.5
		12	0	21.65	21.39	21.48	21.61	21.09	0	22.5
		12	6	21.60	21.58	21.65	21.59	21.18	0	22.5
		12	13	21.59	21.39	21.46	21.53	21.24	0	22.5
		25	0	21.71	21.53	21.57	21.66	21.11	0	22.5
	64QAM	1	0	21.55	21.37	21.54	21.51	21.10	0	22.5
		1	12	21.49	21.40	21.59	21.47	21.24	0	22.5
		1	24	21.62	21.39	21.54	21.47	21.12	0	22.5
		12	0	20.67	20.83	20.75	20.71	20.20	0	21.5
		12	6	20.51	20.49	20.69	20.41	20.19	0	21.5
		12	13	20.59	20.55	20.66	20.42	20.03	0	21.5
		25	0	20.63	20.68	20.58	20.51	19.99	0	21.5
	256QAM	1	0	18.77	18.47	18.47	18.53	18.14	0	19.5
		1	12	18.67	18.35	18.46	18.55	18.31	0	19.5
		1	24	18.32	18.11	18.35	18.32	18.07	0	19.5
		12	0	18.57	18.48	18.60	18.50	18.17	0	19.5
		12	6	18.79	18.40	18.60	18.79	17.98	0	19.5
		12	13	18.51	18.37	18.41	18.46	18.22	0	19.5
		25	0	18.64	18.56	18.49	18.39	18.17	0	19.5

LTE Band 41_Ant2

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2548.5	2593	2636.5	2680		
20M	QPSK	1	0	**17.35**	17.27	17.25	17.34	17.30	0	18
		1	50	17.30	17.13	17.09	17.29	17.25	0	18
		1	99	17.21	17.08	17.19	17.07	17.17	0	18
		50	0	17.12	17.05	17.14	17.03	17.12	0	18
		50	25	17.23	17.19	17.26	17.22	17.25	0	18
		50	50	16.99	17.07	17.12	16.97	17.08	0	18
		100	0	17.29	17.10	17.24	17.22	17.19	0	18
	16QAM	1	0	16.94	17.12	17.25	16.86	17.21	0	18
		1	50	16.87	16.85	17.00	16.85	16.87	0	18
		1	99	17.06	17.18	16.82	16.98	17.19	0	18
		50	0	16.91	17.12	17.11	16.89	17.16	0	18
		50	25	17.06	17.01	17.03	16.99	17.16	0	18
		50	50	17.25	16.89	17.11	17.10	16.99	0	18
		100	0	17.03	17.23	17.07	17.00	17.25	0	18
	64QAM	1	0	17.19	16.79	17.17	17.07	16.94	0	18
		1	50	16.95	16.95	16.99	16.89	17.02	0	18
		1	99	16.97	17.00	16.94	16.87	17.07	0	18
		50	0	17.13	16.88	16.96	17.08	16.99	0	18
		50	25	16.96	16.83	17.14	16.92	16.93	0	18
		50	50	17.09	17.12	17.18	16.95	17.20	0	18
		100	0	17.04	17.03	17.23	17.01	17.17	0	18
	256QAM	1	0	17.16	16.93	17.10	17.03	17.05	0	18
		1	50	17.07	17.11	17.15	17.05	17.16	0	18
		1	99	17.02	17.14	17.09	16.90	17.21	0	18
		50	0	17.10	17.03	17.02	17.06	17.12	0	18
		50	25	17.15	17.23	17.05	17.08	17.24	0	18
		50	50	16.95	16.94	17.17	16.85	16.97	0	18
		100	0	17.07	17.08	16.99	16.98	17.21	0	18

BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	**17.30**	17.17	17.17	17.12	17.28	0	18
		1	37	17.15	17.07	16.95	16.97	17.14	0	18
		1	74	17.07	16.93	17.15	16.98	17.08	0	18
		36	0	16.99	16.90	17.04	17.12	17.09	0	18
		36	19	17.21	17.06	17.22	17.15	17.15	0	18
		36	39	16.90	16.92	17.11	16.85	16.98	0	18
		75	0	17.14	17.02	17.16	17.05	17.06	0	18
	16QAM	1	0	16.81	16.97	17.23	17.17	17.17	0	18
		1	37	16.77	16.72	16.91	16.80	16.76	0	18
		1	74	17.01	17.10	16.75	16.57	17.04	0	18
		36	0	16.78	17.07	16.97	16.91	17.14	0	18
		36	19	16.91	16.98	16.98	16.79	17.07	0	18
		36	39	17.18	16.76	17.09	16.89	16.92	0	18
		75	0	16.88	17.15	17.02	16.97	17.20	0	18
	64QAM	1	0	17.12	16.65	17.03	17.00	16.87	0	18
		1	37	16.85	16.90	16.85	16.84	16.88	0	18
		1	74	16.82	16.90	16.79	16.79	17.03	0	18
		36	0	17.00	16.80	16.94	16.68	16.88	0	18
		36	19	16.86	16.69	17.07	16.92	16.90	0	18
		36	39	16.96	17.10	17.11	16.91	17.17	0	18
		75	0	16.92	16.91	17.15	17.10	17.03	0	18
	256QAM	1	0	17.06	16.84	17.09	16.96	16.92	0	18
		1	37	16.93	17.07	17.09	16.96	17.07	0	18
		1	74	16.89	17.08	17.01	16.90	17.18	0	18
		36	0	17.09	16.88	16.92	16.84	17.08	0	18
		36	19	17.13	17.16	16.92	16.89	17.13	0	18
		36	39	16.84	16.88	17.08	16.99	16.92	0	18
		75	0	16.92	16.94	16.88	16.84	17.16	0	18

BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	**17.33**	17.25	17.22	17.24	17.23	0	18
		1	24	17.22	17.12	16.95	17.21	17.16	0	18
		1	49	17.14	16.96	17.08	17.01	17.12	0	18
		25	0	17.01	16.97	17.11	16.93	17.05	0	18
		25	12	17.17	17.15	17.06	17.17	17.24	0	18
		25	25	16.86	17.03	16.99	16.84	16.99	0	18
		50	0	17.24	16.99	17.20	17.18	17.12	0	18
	16QAM	1	0	16.83	16.99	17.20	16.81	17.17	0	18
		1	24	16.86	16.83	16.98	16.79	16.77	0	18
		1	49	16.93	17.03	16.70	16.96	17.04	0	18
		25	0	16.80	17.07	16.99	16.81	17.06	0	18
		25	12	16.93	16.86	16.89	16.85	17.08	0	18
		25	25	17.14	16.88	16.97	17.01	16.90	0	18
		50	0	16.94	17.15	16.97	16.89	17.11	0	18
	64QAM	1	0	17.06	16.84	17.02	17.06	16.83	0	18
		1	24	16.81	16.92	16.84	16.88	17.01	0	18
		1	49	16.87	16.90	16.89	16.80	16.98	0	18
		25	0	17.01	16.86	16.93	17.04	16.92	0	18
		25	12	16.87	16.76	17.12	16.79	16.86	0	18
		25	25	16.96	17.11	17.04	16.87	17.05	0	18
		50	0	16.99	16.91	17.17	16.90	17.04	0	18
	256QAM	1	0	17.05	16.87	16.95	16.88	16.92	0	18
		1	24	16.99	16.99	17.02	16.90	17.02	0	18
		1	49	16.87	17.12	16.96	16.89	17.14	0	18
		25	0	17.07	17.02	17.00	16.91	17.11	0	18
		25	12	17.01	17.11	16.93	16.96	17.17	0	18
		25	25	16.91	16.88	17.06	16.71	16.83	0	18
		50	0	17.06	17.01	16.92	16.88	17.14	0	18

BW	Modulation	Channel		39675	40140	40620	41093	41560	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	17.27	17.13	17.15	**17.28**	17.25	0	18
		1	12	17.17	17.00	17.03	17.16	17.21	0	18
		1	24	17.11	16.95	17.15	16.93	17.16	0	18
		12	0	17.04	16.95	17.12	16.92	16.98	0	18
		12	6	17.14	17.05	17.25	17.21	17.21	0	18
		12	13	16.91	17.03	17.00	16.89	16.97	0	18
		25	0	17.09	16.95	17.15	17.11	17.16	0	18
	16QAM	1	0	16.92	16.97	17.20	16.83	17.17	0	18
		1	12	16.80	16.84	16.96	16.73	16.84	0	18
		1	24	17.05	17.07	16.70	16.95	17.10	0	18
		12	0	16.90	17.00	17.03	16.85	17.13	0	18
		12	6	16.97	16.95	16.98	16.96	17.04	0	18
		12	13	17.23	16.81	17.00	17.06	16.94	0	18
		25	0	17.02	17.11	16.95	16.98	17.14	0	18
	64QAM	1	0	17.16	16.73	17.12	17.05	16.85	0	18
		1	12	16.91	16.87	16.97	16.82	16.89	0	18
		1	24	16.96	16.85	16.80	16.78	17.03	0	18
		12	0	17.05	16.74	16.91	17.01	16.93	0	18
		12	6	16.93	16.76	17.11	16.82	16.85	0	18
		12	13	17.04	17.08	17.14	16.83	17.19	0	18
		25	0	16.89	16.95	17.17	16.91	17.04	0	18
	256QAM	1	0	17.03	16.86	17.02	16.96	16.95	0	18
		1	12	16.93	16.97	17.01	17.01	17.02	0	18
		1	24	16.89	17.02	16.95	16.89	17.20	0	18
		12	0	17.03	16.91	16.96	16.92	17.05	0	18
		12	6	17.08	17.21	16.96	17.06	17.14	0	18
		12	13	16.86	16.92	17.15	16.75	16.84	0	18
		25	0	17.01	17.01	16.88	16.88	17.15	0	18

LTE Band 41_Ant3

BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2548.5	2593	2636.5	2680		
20M	QPSK	1	0	**20.95**	20.88	20.93	20.85	20.91	0	22
		1	50	20.69	20.62	20.70	20.71	20.74	0	22
		1	99	20.60	20.59	20.62	20.54	20.56	0	22
		50	0	20.82	20.71	20.72	20.58	20.66	0	22
		50	25	20.73	20.53	20.64	20.48	20.56	0	22
		50	50	20.71	20.49	20.58	20.45	20.58	0	22
		100	0	20.75	20.45	20.53	20.56	20.67	0	22
	16QAM	1	0	20.72	20.56	20.63	20.61	20.65	0	22
		1	50	20.56	20.36	20.47	20.55	20.59	0	22
		1	99	20.56	20.46	20.59	20.61	20.66	0	22
		50	0	20.58	20.43	20.52	20.60	20.71	0	22
		50	25	20.74	20.57	20.67	20.82	20.83	0	22
		50	50	20.84	20.56	20.62	20.40	20.50	0	22
		100	0	20.72	20.58	20.69	20.51	20.54	0	22
	64QAM	1	0	20.65	20.45	20.54	20.50	20.59	0	22
		1	50	20.47	20.54	20.66	20.71	20.77	0	22
		1	99	20.44	20.60	20.69	20.49	20.51	0	22
		50	0	20.70	20.65	20.70	20.64	20.79	0	22
		50	25	20.85	20.62	20.71	20.55	20.60	0	22
		50	50	20.69	20.42	20.57	20.65	20.74	0	22
		100	0	20.64	20.52	20.61	20.47	20.48	0	22
	256QAM	1	0	19.07	19.03	19.16	18.77	18.78	0	20.5
		1	50	19.16	19.26	19.37	18.82	18.90	0	20.5
		1	99	19.10	19.04	19.12	18.58	18.66	0	20.5
		50	0	19.41	19.33	19.36	18.65	18.76	0	20.5
		50	25	19.27	19.15	19.26	18.68	18.81	0	20.5
		50	50	19.28	19.23	19.26	18.70	18.72	0	20.5
		100	0	18.78	19.39	19.43	18.74	18.88	0	20.5

BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	20.79	20.80	20.84	20.75	**20.90**	0	22
		1	37	20.68	20.44	20.55	20.56	20.69	0	22
		1	74	20.48	20.51	20.50	20.52	20.51	0	22
		36	0	20.59	20.68	20.71	20.69	20.54	0	22
		36	19	20.60	20.63	20.55	20.43	20.44	0	22
		36	39	20.67	20.45	20.44	20.46	20.52	0	22
		75	0	20.71	20.66	20.49	20.39	20.66	0	22
	16QAM	1	0	20.66	20.45	20.50	20.54	20.50	0	22
		1	37	20.44	20.42	20.44	20.21	20.44	0	22
		1	74	20.46	20.32	20.55	20.34	20.52	0	22
		36	0	20.45	20.49	20.43	20.36	20.67	0	22
		36	19	20.71	20.44	20.57	20.50	20.68	0	22
		36	39	20.79	20.58	20.60	20.44	20.47	0	22
		75	0	20.71	20.56	20.59	20.49	20.43	0	22
	64QAM	1	0	20.52	20.59	20.39	20.32	20.49	0	22
		1	37	20.36	20.38	20.58	20.47	20.69	0	22
		1	74	20.39	20.26	20.55	20.58	20.46	0	22
		36	0	20.63	20.60	20.69	20.51	20.75	0	22
		36	19	20.80	20.65	20.66	20.53	20.57	0	22
		36	39	20.55	20.52	20.46	20.33	20.69	0	22
		75	0	20.62	20.53	20.58	20.51	20.40	0	22
	256QAM	1	0	19.06	18.81	19.09	18.92	18.63	0	20.5
		1	37	19.05	19.01	19.22	19.16	18.76	0	20.5
		1	74	19.08	19.02	19.09	18.93	18.54	0	20.5
		36	0	19.29	19.24	19.34	19.30	18.66	0	20.5
		36	19	19.21	19.11	19.25	19.09	18.71	0	20.5
		36	39	19.26	19.07	19.11	19.19	18.64	0	20.5
		75	0	18.63	18.65	19.30	19.25	18.76

CE LTE_DSI5

LTE Band 41_Ant4										
BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20M	QPSK	1	0	**18.32**	18.26	18.25	18.16	18.11	0	19
		1	50	18.24	18.10	17.98	17.89	18.08	0	19
		1	99	18.09	18.03	18.04	17.92	18.14	0	19
		50	0	18.22	18.09	18.12	18.09	18.17	0	19
		50	25	18.14	18.00	18.06	17.93	18.14	0	19
		50	50	17.88	17.74	18.07	18.06	18.04	0	19
		100	0	18.27	18.25	18.24	18.11	18.15	0	19
	16QAM	1	0	17.87	17.72	18.12	18.09	18.18	0	19
		1	50	17.79	17.72	17.98	17.89	17.84	0	19
		1	99	17.97	17.90	17.79	17.64	18.19	0	19
		50	0	17.83	17.70	17.86	17.73	18.14	0	19
		50	25	17.97	17.85	18.04	17.90	18.13	0	19
		50	50	18.12	18.07	18.14	18.10	17.84	0	19
		100	0	17.96	17.92	18.03	18.00	18.15	0	19
	64QAM	1	0	18.17	18.13	17.98	17.85	17.73	0	19
		1	50	17.69	17.56	17.88	17.73	17.83	0	19
		1	99	17.97	17.84	17.96	17.90	17.94	0	19
		50	0	18.11	17.97	17.93	17.83	17.94	0	19
		50	25	17.91	17.84	18.11	17.97	17.91	0	19
		50	50	18.15	18.01	18.15	18.10	18.16	0	19
		100	0	17.92	17.84	18.13	18.09	18.19	0	19
	256QAM	1	0	17.96	17.86	18.07	18.05	17.94	0	19
		1	50	18.06	18.01	18.00	17.95	17.95	0	19
		1	99	17.83	17.68	18.07	17.94	17.99	0	19
		50	0	17.96	17.92	17.99	17.94	18.11	0	19
		50	25	18.06	17.92	17.83	17.70	18.18	0	19
		50	50	17.81	17.74	17.97	17.84	17.89	0	19
		100	0	17.93	17.91	17.79	17.68	18.14	0	19
BW	Modulation	Channel		39725	40173	40620	41068	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	**18.25**	18.03	18.13	18.07	18.04	0	19
		1	37	18.19	17.79	17.84	17.87	18.01	0	19
		1	74	18.04	17.82	17.97	18.03	18.10	0	19
		36	0	18.07	18.06	18.03	18.09	18.11	0	19
		36	19	18.01	17.83	18.05	17.93	18.00	0	19
		36	39	17.85	17.96	17.95	17.90	18.01	0	19
		75	0	18.23	18.03	18.10	17.93	18.14	0	19
	16QAM	1	0	17.72	17.99	18.05	18.13	18.11	0	19
		1	37	17.68	17.76	17.86	17.75	17.80	0	19
		1	74	17.88	17.52	17.78	18.15	18.18	0	19
		36	0	17.74	17.61	17.73	17.99	18.09	0	19
		36	19	17.90	17.89	17.90	17.98	18.11	0	19
		36	39	17.99	18.00	18.11	17.71	17.73	0	19
		75	0	17.93	17.97	17.94	17.99	18.09	0	19
	64QAM	1	0	18.13	17.75	17.85	17.52	17.71	0	19
		1	37	17.57	17.72	17.78	17.58	17.76	0	19
		1	74	17.86	17.80	17.93	17.88	17.87	0	19
		36	0	18.04	17.79	17.90	17.72	17.87	0	19
		36	19	17.81	17.87	18.02	17.72	17.86	0	19
		36	39	18.07	18.02	18.09	18.03	18.01	0	19
		75	0	17.81	17.95	18.06	18.05	18.05	0	19
	256QAM	1	0	17.92	17.92	18.03	17.76	17.93	0	19
		1	37	18.01	17.82	17.86	17.85	17.92	0	19
		1	74	17.77	17.92	18.05	17.97	17.96	0	19
		36	0	17.88	17.82	17.95	17.99	18.08	0	19
		36	19	17.91	17.67	17.77	18.05	18.13	0	19
		36	39	17.74	17.71	17.93	17.80	17.80	0	19
		75	0	17.90	17.53	17.72	18.02	18.12	0	19
BW	Modulation	Channel		39700	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	18.22	18.12	18.23	**18.24**	18.05	0	19
		1	24	18.20	17.77	17.88	17.97	18.00	0	19
		1	49	18.03	17.77	17.91	17.96	18.05	0	19
		25	0	18.19	18.01	18.06	18.06	18.03	0	19
		25	12	18.10	17.86	17.93	17.88	18.04	0	19
		25	25	17.77	18.01	18.06	17.63	18.01	0	19
		50	0	18.12	17.98	18.15	18.12	18.00	0	19
	16QAM	1	0	17.77	17.96	18.00	17.70	18.10	0	19
		1	24	17.71	17.77	17.86	17.62	17.82	0	19
		1	49	17.83	17.56	17.73	17.81	18.05	0	19
		25	0	17.69	17.68	17.76	17.67	18.06	0	19
		25	12	17.85	17.75	17.93	17.73	18.02	0	19
		25	25	17.98	18.03	18.05	17.96	17.73	0	19
		50	0	17.91	17.88	18.02	17.77	18.00	0	19
	64QAM	1	0	18.02	17.76	17.89	17.99	17.60	0	19
		1	24	17.58	17.61	17.87	17.50	17.78	0	19
		1	49	17.91	17.89	17.95	17.76	17.79	0	19
		25	0	18.08	17.78	17.79	17.96	17.80	0	19
		25	12	17.83	17.86	18.03	17.82	17.88	0	19
		25	25	18.14	18.01	18.11	17.98	18.02	0	19
		50	0	17.77	17.97	17.98	17.73	18.18	0	19
	256QAM	1	0	17.86	18.00	17.96	17.75	17.80	0	19
		1	24	17.96	17.89	17.92	17.88	17.85	0	19
		1	49	17.73	17.79	18.02	17.58	17.90	0	19
		25	0	17.81	17.93	17.87	17.86	18.06	0	19
		25	12	17.99	17.61	17.72	17.91	18.11	0	19
		25	25	17.70	17.70	17.91	17.71	17.86	0	19
		50	0	17.80	17.66	17.69	17.78	18.05	0	19
BW	Modulation	Channel		39675	40148	40620	41093	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	18.17	18.00	**18.24**	18.15	18.06	0	19
		1	12	18.23	17.96	17.85	17.98	17.96	0	19
		1	24	18.01	17.96	17.94	18.02	18.04	0	19
		12	0	18.17	18.03	18.09	17.95	18.11	0	19
		12	6	18.02	17.92	17.94	17.85	18.00	0	19
		12	13	17.81	17.90	17.99	17.72	17.91	0	19
		25	0	18.23	17.92	18.18	18.11	18.02	0	19
	16QAM	1	0	17.86	18.10	18.08	17.67	18.13	0	19
		1	12	17.72	17.77	17.92	17.67	17.80	0	19
		1	24	17.90	18.12	17.70	17.86	18.06	0	19
		12	0	17.76	17.91	17.82	17.55	18.02	0	19
		12	6	17.89	17.95	17.93	17.80	18.01	0	19
		12	13	18.06	17.61	18.07	17.97	17.70	0	19
		25	0	17.88	18.00	17.98	17.82	18.07	0	19
	64QAM	1	0	18.06	17.50	17.95	17.99	17.59	0	19
		1	12	17.59	17.61	17.80	17.50	17.68	0	19
		1	24	17.84	17.78	17.95	17.69	17.86	0	19
		12	0	18.00	17.72	17.79	17.93	17.79	0	19
		12	6	17.88	17.76	18.08	17.72	17.84	0	19
		12	13	18.02	17.99	18.10	18.00	18.12	0	19
		25	0	17.87	18.15	18.00	17.78	18.09	0	19
	256QAM	1	0	17.92	17.87	18.04	17.85	17.80	0	19
		1	12	17.95	17.86	17.98	17.99	17.93	0	19
		1	24	17.80	17.84	18.01	17.61	17.90	0	19
		12	0	17.94	17.91	17.87	17.83	18.08	0	19
		12	6	17.97	18.05	17.68	17.78	18.15	0	19
		12	13	17.78	17.71	17.83	17.61	17.77	0	19
		25	0	17.80	18.02	17.70	17.78	18.09	0	19

LTE Band 41_Ant4 For ENDC&DSDA										
BW	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20M	QPSK	1	0	**16.86**	16.82	16.80	16.77	16.78		17.5
		1	50	16.83	16.71	16.54	16.40	16.63		17.5
		1	99	16.61	16.53	16.60	16.51	16.70		17.5
		50	0	16.70	16.68	16.68	16.59	16.78		17.5
		50	25	16.62	16.47	16.54	16.53	16.61		17.5
		50	50	16.43	16.24	16.67	16.58	16.53		17.5
		100	0	16.84	16.76	16.79	16.64	16.62		17.5
	16QAM	1	0	16.36	16.33	16.62	16.57	16.74		17.5
		1	50	16.30	16.19	16.57	16.41	16.44		17.5
		1	99	16.57	16.37	16.30	16.19	16.71		17.5
		50	0	16.41	16.24	16.46	16.28	16.67		17.5
		50	25	16.58	16.38	16.56	16.47	16.68		17.5
		50	50	16.68	16.65	16.75	16.69	16.31		17.5
		100	0	16.53	16.40	16.63	16.50	16.75		17.5
	64QAM	1	0	16.72	16.70	16.55	16.38	16.23		17.5
		1	50	16.16	16.03	16.46	16.25	16.30		17.5
		1	99	16.55	16.36	16.44	16.42	16.51		17.5
		50	0	16.68	16.54	16.53	16.31	16.53		17.5
		50	25	16.42	16.37	16.70	16.53	16.38		17.5
		50	50	16.66	16.49	16.76	16.57	16.66		17.5
		100	0	16.49	16.32	16.73	16.62	16.69		17.5
	256QAM	1	0	16.46	16.47	16.56	16.60	16.54		17.5
		1	50	16.63	16.53	16.53	16.52	16.43		17.5
		1	99	16.44	16.24	16.68	16.54	16.53		17.5
		50	0	16.57	16.44	16.48	16.51	16.71		17.5
		50	25	16.64	16.39	16.36	16.17	16.69		17.5
		50	50	16.42	16.29	16.48	16.45	16.39		17.5
		100	0	16.44	16.50	16.39	16.19	16.71		17.5
BW	Modulation	Channel		39725	40173	40620	41068	41515		Max. Tune-up (dBm)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15M	QPSK	1	0	16.76	16.78	16.66	16.75	16.73		17.5
		1	37	**16.81**	16.64	16.50	16.38	16.54		17.5
		1	74	16.49	16.38	16.46	16.48	16.69		17.5
		36	0	16.58	16.53	16.53	16.57	16.74		17.5
		36	19	16.60	16.38	16.48	16.40	16.46		17.5
		36	39	16.33	16.20	16.53	16.56	16.45		17.5
		75	0	16.72	16.75	16.74	16.51	16.51		17.5
	16QAM	1	0	16.21	16.22	16.48	16.55	16.60		17.5
		1	37	16.19	16.13	16.48	16.38	16.42		17.5
		1	74	16.56	16.28	16.17	16.08	16.56		17.5
		36	0	16.39	16.09	16.40	16.18	16.60		17.5
		36	19	16.48	16.35	16.54	16.39	16.53		17.5
		36	39	16.57	16.53	16.70	16.59	16.22		17.5
		75	0	16.52	16.34	16.54	16.36	16.70		17.5
	64QAM	1	0	16.66	16.64	16.40	16.25	16.12		17.5
		1	37	16.13	16.47	16.39	16.13	16.21		17.5
		1	74	16.42	16.35	16.40	16.36	16.38		17.5
		36	0	16.59	16.53	16.47	16.24	16.51		17.5
		36	19	16.31	16.33	16.60	16.38	16.28		17.5
		36	39	16.60	16.48	16.61	16.51	16.60		17.5
		75	0	16.41	16.24	16.62	16.55	16.67		17.5
	256QAM	1	0	16.37	16.35	16.49	16.48	16.45		17.5
		1	37	16.54	16.44	16.51	16.42	16.35		17.5
		1	74	16.40	16.17	16.57	16.40	16.40		17.5
		36	0	16.44	16.40	16.34	16.46	16.62		17.5
		36	19	16.57	16.33	16.22	16.02	16.66		17.5
		36	39	16.38	16.20	16.38	16.32	16.34		17.5
		75	0	16.39	16.47	16.26	16.07	16.59		17.5
BW	Modulation	Channel		39700	40160	40620	41080	41540		Max. Tune-up (dBm)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10M	QPSK	1	0	16.77	16.70	16.69	16.76	16.77		17.5
		1	24	16.77	16.57	16.53	16.27	16.57		17.5
		1	49	16.55	16.41	16.45	16.39	16.68		17.5
		25	0	16.63	16.67	16.64	16.48	16.72		17.5
		25	12	16.54	16.36	16.41	16.50	16.59		17.5
		25	25	16.28	16.18	16.63	16.51	16.43		17.5
		50	0	16.77	16.63	**16.78**	16.58	16.55		17.5
	16QAM	1	0	16.30	16.30	16.48	16.46	16.64		17.5
		1	24	16.15	16.13	16.47	16.31	16.34		17.5
		1	49	16.52	16.30	16.21	16.04	16.59		17.5
		25	0	16.29	16.21	16.35	16.19	16.57		17.5
		25	12	16.54	16.34	16.48	16.34	16.58		17.5
		25	25	16.59	16.59	16.73	16.65	16.16		17.5
		50	0	16.50	16.29	16.57	16.39	16.61		17.5
	64QAM	1	0	16.62	16.56	16.54	16.26	16.08		17.5
		1	24	16.06	16.58	16.41	16.16	16.24		17.5
		1	49	16.50	16.25	16.32	16.29	16.40		17.5
		25	0	16.64	16.39	16.44	16.26	16.48		17.5
		25	12	16.33	16.33	16.64	16.39	16.27		17.5
		25	25	16.60	16.38	16.63	16.49	16.61		17.5
		50	0	16.43	16.22	16.65	16.60	16.56		17.5
	256QAM	1	0	16.41	16.41	16.43	16.56	16.51		17.5
		1	24	16.60	16.40	16.46	16.51	16.41		17.5
		1	49	16.35	16.10	16.59	16.46	16.40		17.5
		25	0	16.49	16.37	16.46	16.46	16.58		17.5
		25	12	16.57	16.33	16.31	16.16	16.60		17.5
		25	25	16.38	16.17	16.46	16.39	16.36		17.5
		50	0	16.33	16.47	16.28	16.06	16.68		17.5
BW	Modulation	Channel		39675	40148	40620	41093	41565		Max. Tune-up (dBm)
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5		
5M	QPSK	1	0	16.71	16.69	16.67	**16.76**	16.67		17.5
		1	12	16.68	16.65	16.52	16.35	16.49		17.5
		1	24	16.50	16.47	16.48	16.42	16.62		17.5
		12	0	16.64	16.65	16.67	16.49	16.69		17.5
		12	6	16.47	16.36	16.40	16.45	16.57		17.5
		12	13	16.39	16.17	16.57	16.45	16.48		17.5
		25	0	16.56	16.75	16.65	16.60	16.57		17.5
	16QAM	1	0	16.34	16.22	16.60	16.54	16.72		17.5
		1	12	16.26	16.08	16.55	16.29	16.36		17.5
		1	24	16.42	16.36	16.29	16.12	16.70		17.5
		12	0	16.37	16.22	16.38	16.18	16.52		17.5
		12	6	16.54	16.23	16.48	16.38	16.67		17.5
		12	13	16.54	16.51	16.66	16.62	16.21		17.5
		25	0	16.40	16.35	16.48	16.45	16.69		17.5
	64QAM	1	0	16.57	16.57	16.42	16.34	16.21		17.5
		1	12	16.07	16.14	16.40	16.16	16.17		17.5
		1	24	16.41	16.34	16.43	16.31	16.44		17.5
		12	0	16.61	16.47	16.49	16.30	16.50		17.5
		12	6	16.36	16.28	16.55	16.48	16.34		17.5
		12	13	16.65	16.46	16.61	16.55	16.62		17.5
		25	0	16.43	16.31	16.68	16.48	16.55		17.5
	256QAM	1	0	16.36	16.44	16.41	16.55	16.44		17.5
		1	12	16.52	16.42	16.50	16.43	16.28		17.5
		1	24	16.43	16.16	16.55	16.52	16.48		17.5
		12	0	16.49	16.40	16.35	16.49	16.61		17.5
		12	6	16.53	16.34	16.24	16.08	16.60		17.5
		12	13	16.39	16.21	16.41	16.35	16.25		17.5
		25	0	16.33	16.48	16.26	16.12	16.56		17.5

CE NR_Default

n7 (SCS 15 kHz) _Ant0								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50M	DFT-s-OFDM Pi/2 BPSK	1	1	23.46	23.76	23.40	0	25
		1	135	23.35	23.57	23.37	0	25
		1	268	23.40	23.55	23.33	0	25
		135	0	23.23	23.36	23.20	0.5	24.5
		135	68	23.53	23.62	23.64	0	25
		135	135	23.12	23.22	22.90	0.5	24.5
		270	0	23.14	23.26	23.11	0.5	24.5
	DFT-s-OFDM QPSK	1	1	23.56	**23.89**	23.53	0	25
		1	135	23.53	23.57	23.38	0	25
		1	268	23.55	23.73	23.37	0	25
		135	0	22.78	22.76	22.67	1	24
		135	68	23.29	23.47	23.36	0	25
		135	135	22.54	22.47	22.49	1	24
		270	0	22.67	22.71	22.42	1	24
	DFT-s-OFDM 16QAM	1	1	22.92	22.77	22.71	1	24
	DFT-s-OFDM 64QAM	1	1	20.83	20.82	20.83	2.5	22.5
	DFT-s-OFDM 256QAM	1	1	18.70	18.83	18.80	4.5	20.5
BW [MHz]	MCS Index	Channel		504000	507000	510000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40M	DFT-s-OFDM QPSK	1	1	23.30	23.51	23.27	0	25
BW [MHz]	MCS Index	Channel		503500	507000	510500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35M	DFT-s-OFDM QPSK	1	1	23.32	23.71	23.37	0	25
BW [MHz]	MCS Index	Channel		503000	507000	511000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30M	DFT-s-OFDM QPSK	1	1	23.26	23.47	23.19	0	25
BW [MHz]	MCS Index	Channel		502500	507000	511500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25M	DFT-s-OFDM QPSK	1	1	23.39	23.52	23.63	0	25
BW [MHz]	MCS Index	Channel		502000	507000	512000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20M	DFT-s-OFDM QPSK	1	1	23.42	**23.81**	23.52	0	25
BW [MHz]	MCS Index	Channel		501500	507000	512500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15M	DFT-s-OFDM QPSK	1	1	23.40	23.53	23.23	0	25
BW [MHz]	MCS Index	Channel		501000	507000	513000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10M	DFT-s-OFDM QPSK	1	1	23.52	23.66	23.29	0	25
BW [MHz]	MCS Index	Channel		500500	507000	513500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5M	DFT-s-OFDM QPSK	1	1	23.28	23.45	23.21	0	25

n7 (SCS 15 kHz) _Ant2								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50M	DFT-s-OFDM Pi/2 BPSK	1	1	24.80	24.83	24.73	0	25.5
		1	135	24.59	24.55	24.54	0	25.5
		1	268	24.58	24.61	24.67	0	25.5
		135	0	24.35	24.33	24.28	0.5	25
		135	68	24.75	24.72	24.70	0	25.5
		135	135	24.18	23.95	23.97	0.5	25
		270	0	24.27	24.15	24.27	0.5	25
	DFT-s-OFDM QPSK	1	1	**24.97**	24.95	24.93	0	25.5
		1	135	24.50	24.31	24.22	0	25.5
		1	268	24.18	24.24	24.15	0	25.5
		135	0	23.81	23.93	23.82	1	24.5
		135	68	24.73	24.54	24.57	0	25.5
		135	135	23.47	23.29	23.25	1	24.5
		270	0	23.85	23.60	23.59	1	24.5
	DFT-s-OFDM 16QAM	1	1	23.88	23.89	23.82	1	24.5
	DFT-s-OFDM 64QAM	1	1	21.67	21.77	21.82	2.5	23
	DFT-s-OFDM 256QAM	1	1	19.81	19.73	19.65	4.5	21
BW [MHz]	MCS Index	Channel		504000	507000	510000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40M	DFT-s-OFDM QPSK	1	1	24.69	24.78	24.66	0	25.5
BW [MHz]	MCS Index	Channel		503500	507000	510500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35M	DFT-s-OFDM QPSK	1	1	24.44	24.41	24.53	0	25.5
BW [MHz]	MCS Index	Channel		503000	507000	511000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30M	DFT-s-OFDM QPSK	1	1	24.54	24.52	24.57	0	25.5
BW [MHz]	MCS Index	Channel		502500	507000	511500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25M	DFT-s-OFDM QPSK	1	1	**24.96**	24.87	24.86	0	25.5
BW [MHz]	MCS Index	Channel		502000	507000	512000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20M	DFT-s-OFDM QPSK	1	1	24.42	24.30	24.13	0	25.5
BW [MHz]	MCS Index	Channel		501500	507000	512500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15M	DFT-s-OFDM QPSK	1	1	24.64	24.51	24.55	0	25.5
BW [MHz]	MCS Index	Channel		501000	507000	513000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10M	DFT-s-OFDM QPSK	1	1	24.67	24.82	24.59	0	25.5
BW [MHz]	MCS Index	Channel		500500	507000	513500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5M	DFT-s-OFDM QPSK	1	1	24.56	24.54	24.43	0	25.5

n7 (SCS 15 kHz) _Ant3								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50M	DFT-s-OFDM Pi/2 BPSK	1	1	24.59	25.18	25.05	0	26
		1	135	24.53	24.99	24.87	0	25
		1	268	24.51	24.95	24.79	0	25
		135	0	24.13	24.62	24.51	0.5	24.5
		135	68	24.76	25.16	24.99	0	25
		135	135	24.16	24.44	24.43	0.5	24.5
		270	0	24.22	24.45	24.43	0.5	24.5
	DFT-s-OFDM QPSK	1	1	24.46	**25.24**	25.11	0	25
		1	135	24.47	25.14	25.10	0	25
		1	268	24.34	25.17	25.09	0	25
		135	0	23.49	24.08	23.88	1	24
		135	68	24.57	25.15	25.17	0	25
		135	135	23.37	23.75	23.64	1	24
		270	0	23.61	24.08	24.03	1	24
	DFT-s-OFDM 16QAM	1	1	24.03	24.19	24.22	1	24
	DFT-s-OFDM 64QAM	1	1	21.79	22.09	21.96	2.5	22.5
	DFT-s-OFDM 256QAM	1	1	19.88	20.11	20.02	4.5	20.5
BW [MHz]	MCS Index	Channel		504000	507000	510000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40M	DFT-s-OFDM QPSK	1	1	24.47	24.93	24.66	0	25
BW [MHz]	MCS Index	Channel		503500	507000	510500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35M	DFT-s-OFDM QPSK	1	1	24.58	**25.13**	24.91	0	25
BW [MHz]	MCS Index	Channel		503000	507000	511000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30M	DFT-s-OFDM QPSK	1	1	24.37	24.99	25.08	0	25
BW [MHz]	MCS Index	Channel		502500	507000	511500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25M	DFT-s-OFDM QPSK	1	1	24.19	25.05	25.06	0	25
BW [MHz]	MCS Index	Channel		502000	507000	512000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20M	DFT-s-OFDM QPSK	1	1	24.56	25.09	25.07	0	25
BW [MHz]	MCS Index	Channel		501500	507000	512500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15M	DFT-s-OFDM QPSK	1	1	24.45	25.07	24.97	0	25
BW [MHz]	MCS Index	Channel		501000	507000	513000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10M	DFT-s-OFDM QPSK	1	1	24.41	24.86	24.78	0	25
BW [MHz]	MCS Index	Channel		500500	507000	513500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5M	DFT-s-OFDM QPSK	1	1	24.36	24.87	24.77	0	25

n7 (SCS 15 kHz) _Ant4								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		505000	507000	509000		
		Frequence (MHz)		2525	2535	2545		
50M	DFT-s-OFDM Pi/2 BPSK	1	1	24.39	24.76	24.74	0	25.5
		1	135	24.49	24.50	24.48	0	25.5
		1	268	24.49	24.57	24.44	0	25.5
		135	0	24.06	24.21	24.22	0.5	25
		135	68	24.44	24.71	24.75	0	25.5
		135	135	23.98	24.11	24.19	0.5	25
		270	0	23.95	24.11	24.12	0.5	25
	DFT-s-OFDM QPSK	1	1	24.59	**24.80**	24.71	0	25.5
		1	135	24.59	24.51	24.62	0	25.5
		1	268	24.55	24.68	24.67	0	25.5
		135	0	23.48	23.51	23.53	1	24.5
		135	68	24.40	24.65	24.53	0	25.5
		135	135	23.49	23.55	23.50	1	24.5
		270	0	23.47	23.74	23.69	1	24.5
	DFT-s-OFDM 16QAM	1	1	23.66	23.93	23.90	1	24.5
	DFT-s-OFDM 64QAM	1	1	21.60	21.72	21.81	3	22.5
	DFT-s-OFDM 256QAM	1	1	19.44	19.48	19.40	5	20.5
BW [MHz]	MCS Index	Channel		504000	507000	510000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2520	2535	2550		
40M	DFT-s-OFDM QPSK	1	1	24.43	24.49	24.34	0	25.5
BW [MHz]	MCS Index	Channel		503500	507000	510500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5		
35M	DFT-s-OFDM QPSK	1	1	24.41	24.50	24.42	0	25.5
BW [MHz]	MCS Index	Channel		503000	507000	511000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2515	2535	2555		
30M	DFT-s-OFDM QPSK	1	1	24.37	24.58	24.68	0	25.5
BW [MHz]	MCS Index	Channel		502500	507000	511500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5		
25M	DFT-s-OFDM QPSK	1	1	24.52	**24.79**	24.59	0	25.5
BW [MHz]	MCS Index	Channel		502000	507000	512000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2510	2535	2560		
20M	DFT-s-OFDM QPSK	1	1	24.54	24.36	24.61	0	25.5
BW [MHz]	MCS Index	Channel		501500	507000	512500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5		
15M	DFT-s-OFDM QPSK	1	1	24.44	24.65	24.64	0	25.5
BW [MHz]	MCS Index	Channel		501000	507000	513000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2505	2535	2565		
10M	DFT-s-OFDM QPSK	1	1	24.39	24.50	24.48	0	25.5
BW [MHz]	MCS Index	Channel		500500	507000	513500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5		
5M	DFT-s-OFDM QPSK	1	1	24.45	24.49	24.40	0	25.5

CE NR_Default

n38 (SCS 30 kHz)_Ant0								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40M	DFT-s-OFDM Pi/2 BPSK	1	1	24.01	24.14	23.89	0	25.5
		1	53	23.64	23.78	23.62	0	25.5
		1	104	23.68	23.68	23.55	0	25.5
		50	0	23.14	23.17	23.15	0.5	25
		50	28	23.93	23.90	24.04	0	25.5
		50	56	23.16	23.22	23.17	0.5	25
		100	0	23.22	23.31	23.14	0.5	25
	DFT-s-OFDM QPSK	1	1	24.06	**24.19**	24.14	0	25.5
		1	53	23.70	23.84	23.80	0	25.5
		1	104	23.70	23.77	23.65	0	25.5
		50	0	23.12	23.29	23.03	1	24.5
		50	28	23.91	23.98	23.80	0	25.5
		50	56	22.59	22.60	22.76	1	24.5
		100	0	22.73	22.98	22.86	1	24.5
	DFT-s-OFDM 16QAM	1	1	22.97	23.17	23.22	1	24.5
	DFT-s-OFDM 64QAM	1	1	21.22	21.21	21.05	2.5	23
	DFT-s-OFDM 256QAM	1	1	19.16	19.30	19.19	4.5	21
BW [MHz]	MCS Index	Channel		517000	519000	521000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30M	DFT-s-OFDM QPSK	1	1	23.90	24.15	23.74	0	25.5
BW [MHz]	MCS Index	Channel		516500	519000	521500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25M	DFT-s-OFDM QPSK	1	1	23.83	23.87	23.94	0	25.5
BW [MHz]	MCS Index	Channel		516000	519000	522000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20M	DFT-s-OFDM QPSK	1	1	23.90	23.84	23.76	0	25.5
BW [MHz]	MCS Index	Channel		515500	519000	522500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15M	DFT-s-OFDM QPSK	1	1	23.76	23.95	23.69	0	25.5
BW [MHz]	MCS Index	Channel		515000	519000	523000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10M	DFT-s-OFDM QPSK	1	1	23.94	24.09	23.84	0	25.5

0.31

n38 (SCS 30 kHz)_Ant2								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40M	DFT-s-OFDM Pi/2 BPSK	1	1	24.88	24.95	24.81	0	25.5
		1	53	24.74	24.61	24.74	0	25.5
		1	104	24.58	24.56	24.57	0	25.5
		50	0	24.42	24.38	24.38	0.5	25
		50	28	24.85	24.91	24.78	0	25.5
		50	56	24.19	24.24	24.15	0.5	25
		100	0	24.31	24.19	24.36	0.5	25
	DFT-s-OFDM QPSK	1	1	24.81	**24.97**	24.85	0	25.5
		1	53	24.73	24.42	24.66	0	25.5
		1	104	24.55	24.44	24.51	0	25.5
		50	0	23.78	23.73	23.85	1	24.5
		50	28	24.68	24.87	24.82	0	25.5
		50	56	23.64	23.62	23.76	1	24.5
		100	0	23.91	23.83	23.88	1	24.5
	DFT-s-OFDM 16QAM	1	1	23.84	23.69	23.88	1	24.5
	DFT-s-OFDM 64QAM	1	1	21.74	22.02	21.99	2.5	23
	DFT-s-OFDM 256QAM	1	1	19.79	19.96	19.70	4.5	21
BW [MHz]	MCS Index	Channel		517000	519000	521000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30M	DFT-s-OFDM QPSK	1	1	24.62	24.50	24.65	0	25.5
BW [MHz]	MCS Index	Channel		516500	519000	521500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25M	DFT-s-OFDM QPSK	1	1	24.79	24.81	24.71	0	25.5
BW [MHz]	MCS Index	Channel		516000	519000	522000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20M	DFT-s-OFDM QPSK	1	1	24.64	24.79	24.75	0	25.5
BW [MHz]	MCS Index	Channel		515500	519000	522500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15M	DFT-s-OFDM QPSK	1	1	24.79	24.78	24.83	0	25.5
BW [MHz]	MCS Index	Channel		515000	519000	523000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10M	DFT-s-OFDM QPSK	1	1	24.67	24.59	24.56	0	25.5

n38 (SCS 30 kHz)_Ant3								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40M	DFT-s-OFDM Pi/2 BPSK	1	1	24.71	24.83	24.70	0	26
		1	53	24.44	24.58	24.63	0	25.5
		1	104	24.42	24.27	24.43	0	25.5
		50	0	24.37	24.13	24.29	0.5	25
		50	28	24.75	24.66	24.72	0	25.5
		50	56	23.97	24.11	24.17	0.5	25
		100	0	24.24	24.35	24.21	0.5	25
	DFT-s-OFDM QPSK	1	1	24.88	**24.95**	24.81	0	25.5
		1	53	24.70	24.54	24.51	0	25.5
		1	104	24.47	24.39	24.44	0	25.5
		50	0	23.77	23.65	23.82	1	24.5
		50	28	24.80	24.75	24.66	0	25.5
		50	56	23.74	23.43	23.68	1	24.5
		100	0	23.74	23.76	23.66	1	24.5
	DFT-s-OFDM 16QAM	1	1	23.56	23.84	23.80	1	24.5
	DFT-s-OFDM 64QAM	1	1	22.08	21.84	22.05	2.5	23
	DFT-s-OFDM 256QAM	1	1	19.88	19.97	19.85	4.5	21
BW [MHz]	MCS Index	Channel		517000	519000	521000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30M	DFT-s-OFDM QPSK	1	1	24.34	24.49	24.51	0	25.5
BW [MHz]	MCS Index	Channel		516500	519000	521500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25M	DFT-s-OFDM QPSK	1	1	24.70	24.80	24.55	0	25.5
BW [MHz]	MCS Index	Channel		516000	519000	522000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20M	DFT-s-OFDM QPSK	1	1	24.31	24.23	24.37	0	25.5
BW [MHz]	MCS Index	Channel		515500	519000	522500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15M	DFT-s-OFDM QPSK	1	1	24.67	24.59	24.56	0	25.5
BW [MHz]	MCS Index	Channel		515000	519000	523000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10M	DFT-s-OFDM QPSK	1	1	24.62	24.48	24.38	0	25.5

n38 (SCS 30 kHz)_Ant4								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		518000	519000	520000		
		Frequence (MHz)		2590	2595	2600		
40M	DFT-s-OFDM Pi/2 BPSK	1	1	24.38	24.45	24.37	0	25.5
		1	53	23.91	24.03	24.02	0	25.5
		1	104	23.90	24.06	23.92	0	25.5
		50	0	23.66	23.89	23.72	0.5	25
		50	28	24.12	24.24	24.13	0	25.5
		50	56	23.56	23.73	23.40	0.5	25
		100	0	23.63	23.78	23.69	0.5	25
	DFT-s-OFDM QPSK	1	1	**24.59**	24.36	24.47	0	25.5
		1	53	24.06	24.12	23.97	0	25.5
		1	104	23.86	23.96	23.78	0	25.5
		50	0	23.37	23.42	23.18	1	24.5
		50	28	24.19	24.11	24.27	0	25.5
		50	56	22.91	23.20	23.03	1	24.5
		100	0	23.26	23.45	23.29	1	24.5
	DFT-s-OFDM 16QAM	1	1	23.24	23.35	23.42	1	24.5
	DFT-s-OFDM 64QAM	1	1	21.27	21.45	21.41	2.5	23
	DFT-s-OFDM 256QAM	1	1	19.30	19.20	19.39	4.5	21
BW [MHz]	MCS Index	Channel		517000	519000	521000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2585	2595	2605		
30M	DFT-s-OFDM QPSK	1	1	24.38	24.45	24.37	0	25.5
BW [MHz]	MCS Index	Channel		516500	519000	521500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5		
25M	DFT-s-OFDM QPSK	1	1	24.12	24.24	24.13	0	25.5
BW [MHz]	MCS Index	Channel		516000	519000	522000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2580	2595	2610		
20M	DFT-s-OFDM QPSK	1	1	24.49	24.36	24.47	0	25.5
BW [MHz]	MCS Index	Channel		515500	519000	522500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5		
15M	DFT-s-OFDM QPSK	1	1	24.48	24.24	24.56	0	25.5
BW [MHz]	MCS Index	Channel		515000	519000	523000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2575	2595	2615		
10M	DFT-s-OFDM QPSK	1	1	24.30	24.43	24.25	0	25.5

CE NR_Default

n41 (SCS 30 kHz)_Ant0								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100M	DFT-s-OFDM Pi/2 BPSK	1	1	23.92	24.00	24.09	0	25.5
		1	137	23.79	23.99	23.87	0	25.5
		1	271	23.73	23.81	23.70	0	25.5
		135	0	23.44	23.43	23.44	0.5	25
		135	69	23.74	23.99	23.77	0	25.5
		135	138	23.31	23.21	23.22	0.5	25
		270	0	23.36	23.34	23.39	0.5	25
	DFT-s-OFDM QPSK	1	1	24.27	24.10	24.02	0	25.5
		1	137	23.97	23.97	23.62	0	25.5
		1	271	23.60	23.67	23.68	0	25.5
		135	0	22.87	22.92	22.87	1	24.5
		135	69	23.99	23.89	23.92	0	25.5
		135	138	23.03	22.77	22.72	1	24.5
		270	0	22.87	22.82	22.84	1	24.5
	DFT-s-OFDM 16QAM	1	1	23.13	22.95	22.84	1	24.5
	DFT-s-OFDM 64QAM	1	1	21.26	21.32	21.19	2.5	23
	DFT-s-OFDM 256QAM	1	1	19.12	19.22	19.08	4.5	21
BW [MHz]	MCS Index	Channel		508200	518598	528996	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90M	DFT-s-OFDM QPSK	1	1	23.77	23.92	23.72	0	25.5
BW [MHz]	MCS Index	Channel		507204	518598	529998	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80M	DFT-s-OFDM QPSK	1	1	23.68	23.67	23.57	0	25.5
BW [MHz]	MCS Index	Channel		506202	518598	531000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70M	DFT-s-OFDM QPSK	1	1	23.83	23.98	23.94	0	25.5
BW [MHz]	MCS Index	Channel		505200	518598	531996	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60M	OFDM QPSK	1	1	24.14	24.04	23.93	0	25.5
BW [MHz]	MCS Index	Channel		504204	518598	532998	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50M	DFT-s-OFDM QPSK	1	1	23.90	23.94	23.61	0	25.5
BW [MHz]	MCS Index	Channel		503700	518598	533496	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45M	DFT-s-OFDM QPSK	1	1	23.92	23.75	23.83	0	25.5
BW [MHz]	MCS Index	Channel		503202	518598	534000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40M	DFT-s-OFDM QPSK	1	1	23.86	23.86	24.00	0	25.5
BW [MHz]	MCS Index	Channel		502704	518598	534498	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35M	DFT-s-OFDM QPSK	1	1	23.71	23.67	23.69	0	25.5
BW [MHz]	MCS Index	Channel		502200	518598	534996	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30M	DFT-s-OFDM QPSK	1	1	24.25	24.01	23.95	0	25.5
BW [MHz]	MCS Index	Channel		501702	518598	535500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25M	DFT-s-OFDM QPSK	1	1	23.91	23.96	23.67	0	25.5
BW [MHz]	MCS Index	Channel		501204	518598	535998	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20M	DFT-s-OFDM QPSK	1	1	23.88	23.81	23.82	0	25.5
BW [MHz]	MCS Index	Channel		500700	518598	536496	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15M	DFT-s-OFDM QPSK	1	1	24.14	24.05	23.87	0	25.5
BW [MHz]	MCS Index	Channel		500202	518598	537000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10M	OFDM QPSK	1	1	23.90	23.78	23.82	0	25.5

n41 (SCS 30 kHz)_Ant2								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100M	DFT-s-OFDM Pi/2 BPSK	1	1	24.82	24.63	24.48	0	25.5
		1	137	24.43	24.45	24.47	0	25.5
		1	271	24.39	24.48	24.36	0	25.5
		135	0	24.26	23.93	24.04	0.5	25
		135	69	24.43	24.49	24.49	0	25.5
		135	138	23.89	23.97	23.69	0.5	25
		270	0	24.09	23.81	23.83	0.5	25
	DFT-s-OFDM QPSK	1	1	24.85	24.65	24.58	0	25.5
		1	137	24.47	24.50	24.48	0	25.5
		1	271	24.54	24.66	24.20	0	25.5
		135	0	23.81	23.41	23.63	1	24.5
		135	69	24.78	24.63	24.57	0	25.5
		135	138	23.44	23.67	23.50	1	24.5
		270	0	23.73	23.64	23.36	1	24.5
	DFT-s-OFDM 16QAM	1	1	23.88	23.55	23.56	1	24.5
	DFT-s-OFDM 64QAM	1	1	22.01	21.69	21.62	2.5	23
	DFT-s-OFDM 256QAM	1	1	19.94	19.59	19.49	4.5	21
BW [MHz]	MCS Index	Channel		508200	518598	528996	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90M	DFT-s-OFDM QPSK	1	1	24.44	24.40	24.37	0	25.5
BW [MHz]	MCS Index	Channel		507204	518598	529998	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80M	DFT-s-OFDM QPSK	1	1	24.54	24.59	24.05	0	25.5
BW [MHz]	MCS Index	Channel		506202	518598	531000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70M	DFT-s-OFDM QPSK	1	1	24.38	24.47	24.54	0	25.5
BW [MHz]	MCS Index	Channel		505200	518598	531996	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60M	DFT-s-OFDM QPSK	1	1	24.34	24.45	24.33	0	25.5
BW [MHz]	MCS Index	Channel		504204	518598	532998	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50M	DFT-s-OFDM QPSK	1	1	24.70	24.44	24.40	0	25.5
BW [MHz]	MCS Index	Channel		503700	518598	533496	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45M	DFT-s-OFDM QPSK	1	1	24.56	24.52	24.11	0	25.5
BW [MHz]	MCS Index	Channel		503202	518598	534000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40M	DFT-s-OFDM QPSK	1	1	24.33	24.47	24.36	0	25.5
BW [MHz]	MCS Index	Channel		502704	518598	534498	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35M	DFT-s-OFDM QPSK	1	1	24.81	24.48	24.43	0	25.5
BW [MHz]	MCS Index	Channel		502200	518598	534996	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30M	DFT-s-OFDM QPSK	1	1	24.71	24.61	24.50	0	25.5
BW [MHz]	MCS Index	Channel		501702	518598	535500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25M	DFT-s-OFDM QPSK	1	1	24.34	24.57	24.46	0	25.5
BW [MHz]	MCS Index	Channel		501204	518598	535998	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20M	DFT-s-OFDM QPSK	1	1	24.47	24.62	24.08	0	25.5
BW [MHz]	MCS Index	Channel		500700	518598	536496	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15M	DFT-s-OFDM QPSK	1	1	24.69	24.53	24.43	0	25.5
BW [MHz]	MCS Index	Channel		500202	518598	537000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10M	DFT-s-OFDM QPSK	1	1	24.84	24.53	24.46	0	25.5

n41 (SCS 30 kHz)_Ant3								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100M	DFT-s-OFDM Pi/2 BPSK	1	1	25.18	25.19	25.01	0	26
		1	137	24.92	24.94	24.61	0	25.5
		1	271	24.70	24.68	24.54	0	25.5
		135	0	24.15	23.94	24.26	0.5	25
		135	69	25.09	25.04	24.61	0	25.5
		135	138	23.86	23.80	23.77	0.5	25
		270	0	24.21	23.98	23.99	0.5	25
	DFT-s-OFDM QPSK	1	1	25.26	25.25	25.00	0	25.5
		1	137	24.94	24.88	24.48	0	25.5
		1	271	24.82	24.76	24.65	0	25.5
		135	0	24.19	24.18	23.86	1	24.5
		135	69	25.07	25.05	24.65	0	25.5
		135	138	23.98	23.83	23.32	1	24.5
		270	0	24.07	24.06	23.47	1	24.5
	DFT-s-OFDM 16QAM	1	1	24.19	24.31	23.88	1	24.5
	DFT-s-OFDM 64QAM	1	1	22.22	22.48	22.30	2.5	23
	DFT-s-OFDM 256QAM	1	1	20.23	20.27	20.02	4.5	21
BW [MHz]	MCS Index	Channel		508200	518598	528996	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90M	DFT-s-OFDM QPSK	1	1	24.84	24.90	24.58	0	25.5
BW [MHz]	MCS Index	Channel		507204	518598	529998	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80M	DFT-s-OFDM QPSK	1	1	25.10	25.09	24.97	0	25.5
BW [MHz]	MCS Index	Channel		506202	518598	531000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70M	DFT-s-OFDM QPSK	1	1	24.61	24.63	24.41	0	25.5
BW [MHz]	MCS Index	Channel		505200	518598	531996	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60M	OFDM QPSK	1	1	24.94	25.00	24.59	0	25.5
BW [MHz]	MCS Index	Channel		504204	518598	532998	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50M	DFT-s-OFDM QPSK	1	1	24.90	24.84	24.46	0	25.5
BW [MHz]	MCS Index	Channel		503700	518598	533496	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45M	OFDM QPSK	1	1	25.14	25.20	24.93	0	25.5
BW [MHz]	MCS Index	Channel		503202	518598	534000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40M	OFDM QPSK	1	1	25.05	24.96	24.52	0	25.5
BW [MHz]	MCS Index	Channel		502704	518598	534498	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35M	OFDM QPSK	1	1	24.78	24.93	24.52	0	25.5
BW [MHz]	MCS Index	Channel		502200	518598	534996	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30M	OFDM QPSK	1	1	24.97	25.02	24.60	0	25.5
BW [MHz]	MCS Index	Channel		501702	518598	535500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25M	OFDM QPSK	1	1	25.20	25.11	24.97	0	25.5
BW [MHz]	MCS Index	Channel		501204	518598	535998	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20M	DFT-s-OFDM QPSK	1	1	24.99	24.92	24.59	0	25.5
BW [MHz]	MCS Index	Channel		500700	518598	536496	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15M	DFT-s-OFDM QPSK	1	1	25.09	25.08	24.93	0	25.5
BW [MHz]	MCS Index	Channel		500202	518598	537000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10M	OFDM QPSK	1	1	24.83	24.81	24.46	0	25.5

n41 (SCS 30 kHz)_Ant4								
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		509202	518598	528000		
		Frequence (MHz)		2546.01	2592.99	2640		
100M	DFT-s-OFDM Pi/2 BPSK	1	1	25.04	24.96	24.86	0	26
		1	137	24.82	24.87	24.59	0	25.5
		1	271	24.79	24.82	24.32	0	25.5
		135	0	24.70	24.39	24.20	0.5	25
		135	69	25.14	24.95	24.68	0	25.5
		135	138	24.20	24.44	23.98	0.5	25
		270	0	24.33	24.45	24.09	0.5	25
	DFT-s-OFDM QPSK	1	1	25.18	24.86	24.77	0	25.5
		1	137	24.67	24.78	24.66	0	25.5
		1	271	24.82	24.72	24.28	0	25.5
		135	0	24.04	23.95	23.86	1	24.5
		135	69	25.02	24.85	24.77	0	25.5
		135	138	23.74	23.73	23.53	1	24.5
		270	0	23.96	23.89	23.74	1	24.5
	DFT-s-OFDM 16QAM	1	1	24.09	24.04	23.83	1	24.5
	DFT-s-OFDM 64QAM	1	1	22.49	22.12	22.09	2.5	23
	DFT-s-OFDM 256QAM	1	1	20.21	20.00	19.99	4.5	21
BW [MHz]	MCS Index	Channel		508200	518598	528996	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98		
90M	DFT-s-OFDM QPSK	1	1	24.75	24.75	24.24	0	25.5
BW [MHz]	MCS Index	Channel		507204	518598	529998	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99		
80M	DFT-s-OFDM QPSK	1	1	25.01	24.84	24.75	0	25.5
BW [MHz]	MCS Index	Channel		506202	518598	531000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655		
70M	DFT-s-OFDM QPSK	1	1	25.13	24.86	24.62	0	25.5
BW [MHz]	MCS Index	Channel		505200	518598	531996	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98		
60M	DFT-s-OFDM QPSK	1	1	25.07	24.82	24.65	0	25.5
BW [MHz]	MCS Index	Channel		504204	518598	532998	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99		
50M	DFT-s-OFDM QPSK	1	1	24.71	24.69	24.27	0	25.5
BW [MHz]	MCS Index	Channel		503700	518598	533496	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48		
45M	DFT-s-OFDM QPSK	1	1	24.90	24.73	24.68	0	25.5
BW [MHz]	MCS Index	Channel		503202	518598	534000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670		
40M	DFT-s-OFDM QPSK	1	1	24.95	24.90	24.83	0	25.5
BW [MHz]	MCS Index	Channel		502704	518598	534498	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49		
35M	DFT-s-OFDM QPSK	1	1	24.74	24.73	24.30	0	25.5
BW [MHz]	MCS Index	Channel		502200	518598	534996	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98		
30M	DFT-s-OFDM QPSK	1	1	25.12	24.83	24.68	0	25.5
BW [MHz]	MCS Index	Channel		501702	518598	535500	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5		
25M	DFT-s-OFDM QPSK	1	1	24.80	24.71	24.27	0	25.5
BW [MHz]	MCS Index	Channel		501204	518598	535998	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99		
20M	DFT-s-OFDM QPSK	1	1	24.94	24.76	24.70	0	25.5
BW [MHz]	MCS Index	Channel		500700	518598	536496	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48		
15M	DFT-s-OFDM QPSK	1	1	25.03	24.89	24.72	0	25.5
BW [MHz]	MCS Index	Channel		500202	518598	537000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685		
10M	DFT-s-OFDM QPSK	1	1	24.77	24.82	24.58	0	25.5

CE NR_DSI1

n7 (SCS 15 kHz) _Ant0							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	23.46	23.76	23.40	25
		1	135	23.35	23.57	23.37	25
		1	268	23.40	23.55	23.33	25
		135	0	23.23	23.36	23.20	24.5
		135	68	23.53	23.62	23.64	25
		135	135	23.12	23.22	22.90	24.5
		270	0	23.14	23.26	23.11	24.5
	DFT-s-OFDM QPSK	1	1	23.56	**23.89**	23.53	25
		1	135	23.53	23.57	23.38	25
		1	268	23.55	23.73	23.37	25
		135	0	22.78	22.76	22.67	24
		135	68	23.29	23.47	23.36	25
		135	135	22.54	22.47	22.49	24
		270	0	22.67	22.71	22.42	24
	DFT-s-OFDM 16QAM	1	1	22.92	22.77	22.71	24
	DFT-s-OFDM 64QAM	1	1	20.83	20.82	20.83	22.5
	DFT-s-OFDM 256QAM	1	1	18.70	18.83	18.80	20.5
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	23.30	23.51	23.27	25
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	23.32	23.71	23.37	25
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	23.26	23.47	23.19	25
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	23.39	23.52	23.63	25
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	23.42	**23.81**	23.52	25
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	23.40	23.53	23.23	25
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	23.52	23.66	23.29	25
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	23.28	23.45	23.21	25

n7 (SCS 15 kHz) _Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	16.03	16.02	15.97	16.5
		1	135	16.03	15.79	15.83	16.5
		1	268	15.90	15.60	16.01	16.5
		135	0	15.74	15.70	15.91	16.5
		135	68	15.77	15.98	15.70	16.5
		135	135	15.89	15.72	15.65	16.5
		270	0	15.97	15.76	15.86	16.5
	DFT-s-OFDM QPSK	1	1	16.07	15.97	16.02	16.5
		1	135	15.99	16.04	16.03	16.5
		1	268	15.94	15.69	16.02	16.5
		135	0	15.91	15.92	15.88	16.5
		135	68	16.01	16.00	15.95	16.5
		135	135	15.79	15.72	15.74	16.5
		270	0	15.79	15.59	15.71	16.5
	DFT-s-OFDM 16QAM	1	1	15.93	15.74	15.71	16.5
	DFT-s-OFDM 64QAM	1	1	16.05	15.70	15.74	16.5
	DFT-s-OFDM 256QAM	1	1	15.81	15.56	16.01	16.5
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	16.02	15.74	15.79	16.5
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	15.86	15.47	**16.03**	16.5
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	15.73	15.58	15.89	16.5
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	15.87	15.69	15.84	16.5
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	15.93	15.94	15.91	16.5
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	15.96	16.01	15.94	16.5
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	15.77	15.79	15.87	16.5
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	**16.03**	15.95	15.94	16.5

n7 (SCS 15 kHz) _Ant3							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	19.74	19.68	19.69	20.5
		1	135	19.74	19.67	19.61	25
		1	268	19.68	19.34	19.76	25
		135	0	19.54	19.53	19.72	25
		135	68	19.53	19.57	19.70	25
		135	135	19.73	19.49	19.52	25
		270	0	19.86	19.63	19.88	25
	DFT-s-OFDM QPSK	1	1	19.77	19.84	**19.89**	25
		1	135	19.76	19.80	19.62	25
		1	268	19.70	19.56	19.84	25
		135	0	19.74	19.78	19.72	25
		135	68	19.82	19.74	19.82	25
		135	135	19.73	19.59	19.61	25
		270	0	19.49	19.76	19.65	25
	DFT-s-OFDM 16QAM	1	1	19.62	19.56	19.49	25
	DFT-s-OFDM 64QAM	1	1	19.76	19.53	19.70	25
	DFT-s-OFDM 256QAM	1	1	19.67	19.40	19.85	25
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	19.58	19.27	19.65	25
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	19.48	19.50	19.68	25
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	19.79	19.53	19.83	25
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	19.71	19.72	19.59	25
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	19.65	19.68	19.71	25
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	19.69	19.54	19.60	25
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	19.58	19.49	19.41	25
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	19.57	19.32	**19.86**	25

n7 (SCS 15 kHz) _Ant4							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	13.93	14.15	13.92	15.5
		1	135	13.91	13.97	13.86	16.5
		1	268	13.89	13.67	14.19	16.5
		135	0	13.75	13.74	13.91	16.5
		135	68	13.96	14.07	14.04	16.5
		135	135	13.97	13.79	13.70	16.5
		270	0	14.19	13.91	14.16	16.5
	DFT-s-OFDM QPSK	1	1	**14.24**	14.18	14.10	16.5
		1	135	14.07	14.13	14.06	16.5
		1	268	13.94	13.92	14.04	16.5
		135	0	14.10	13.99	14.07	16.5
		135	68	14.05	14.15	14.02	16.5
		135	135	13.90	13.77	13.83	16.5
		270	0	13.89	13.88	13.82	16.5
	DFT-s-OFDM 16QAM	1	1	13.91	13.83	13.69	16.5
	DFT-s-OFDM 64QAM	1	1	13.97	13.75	13.88	16.5
	DFT-s-OFDM 256QAM	1	1	14.06	13.71	14.00	16.5
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	13.81	13.91	13.77	16.5
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	13.84	13.56	14.12	16.5
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	13.85	13.95	13.99	16.5
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	**14.18**	13.86	14.04	16.5
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	13.96	13.99	13.98	16.5
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	14.05	13.92	14.04	16.5
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	13.88	13.76	13.76	16.5
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	13.81	13.74	13.54	16.5

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n38 (SCS 30 kHz)_Ant0							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	24.01	24.14	23.89	25.5
		1	53	23.64	23.78	23.62	25.5
		1	104	23.68	23.68	23.55	25.5
		50	0	23.14	23.17	23.15	25
		50	28	23.93	23.90	24.04	25.5
		50	56	23.16	23.22	23.17	25
		100	0	23.22	23.31	23.14	25
	DFT-s-OFDM QPSK	1	1	24.06	**24.19**	24.14	25.5
		1	53	23.70	23.84	23.80	25.5
		1	104	23.70	23.77	23.65	25.5
		50	0	23.12	23.29	23.03	24.5
		50	28	23.91	23.98	23.80	25.5
		50	56	22.59	22.60	22.76	24.5
		100	0	22.73	22.98	22.86	24.5
	DFT-s-OFDM 16QAM	1	1	22.97	23.17	23.22	24.5
	DFT-s-OFDM 64QAM	1	1	21.22	21.21	21.05	23
	DFT-s-OFDM 256QAM	1	1	19.16	19.30	19.19	21
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	23.90	24.15	23.74	25.5
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	23.83	23.87	23.94	25.5
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	23.90	23.84	23.76	25.5
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	23.76	23.95	23.69	25.5
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	23.94	24.09	23.84	25.5

n38 (SCS 30 kHz)_Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	17.34	17.32	17.40	18
		1	53	17.25	17.52	17.37	18
		1	104	17.41	17.12	17.51	18
		50	0	17.22	17.27	17.46	18
		50	28	17.45	17.57	17.27	18
		50	56	17.57	17.06	17.35	18
		100	0	17.49	17.56	17.43	18
	DFT-s-OFDM QPSK	1	1	17.51	**17.58**	17.55	18
		1	53	17.47	17.43	17.54	18
		1	104	17.38	17.51	17.52	18
		50	0	17.30	17.34	17.25	18
		50	28	17.42	17.51	17.53	18
		50	56	17.37	17.13	17.41	18
		100	0	17.43	17.42	17.43	18
	DFT-s-OFDM 16QAM	1	1	17.52	17.41	17.29	18
	DFT-s-OFDM 64QAM	1	1	17.52	17.28	17.45	18
	DFT-s-OFDM 256QAM	1	1	17.41	17.47	17.41	18
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	17.13	17.37	17.24	18
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	17.39	17.00	17.36	18
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	17.30	17.48	17.22	18
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	17.35	17.46	17.39	18
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	17.36	17.47	17.49	18

n38 (SCS 30 kHz)_Ant3							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	19.94	19.84	19.81	21
		1	53	19.89	19.95	19.77	25.5
		1	104	20.04	19.60	20.05	25.5
		50	0	19.77	19.68	19.77	25.5
		50	28	19.76	19.75	19.81	25.5
		50	56	20.00	19.68	20.02	25.5
		100	0	19.77	19.83	20.00	25.5
	DFT-s-OFDM QPSK	1	1	19.97	19.98	**20.09**	25.5
		1	53	19.85	19.97	19.94	25.5
		1	104	19.82	20.04	20.03	25.5
		50	0	20.01	19.71	19.82	25.5
		50	28	20.03	20.05	19.98	25.5
		50	56	19.99	19.80	19.90	25.5
		100	0	19.83	19.88	19.75	25.5
	DFT-s-OFDM 16QAM	1	1	19.79	19.99	19.78	25.5
	DFT-s-OFDM 64QAM	1	1	19.91	19.74	20.04	25.5
	DFT-s-OFDM 256QAM	1	1	20.00	20.02	19.94	25.5
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	19.75	19.89	19.68	25.5
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	20.02	19.53	19.91	25.5
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	19.63	19.58	19.73	25.5
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	19.91	19.67	20.01	25.5
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	19.65	19.76	19.85	25.5

n38 (SCS 30 kHz)_Ant4							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	16.18	16.13	16.16	17
		1	53	16.12	16.34	15.91	18
		1	104	16.22	15.87	16.19	18
		50	0	15.82	15.88	16.11	18
		50	28	15.89	16.06	16.08	18
		50	56	16.22	15.76	16.23	18
		100	0	16.09	15.87	16.22	18
	DFT-s-OFDM QPSK	1	1	**16.46**	16.32	16.35	18
		1	53	16.12	16.23	16.27	18
		1	104	15.98	16.21	16.20	18
		50	0	16.14	15.83	15.90	18
		50	28	16.32	16.12	16.14	18
		50	56	16.18	16.08	16.09	18
		100	0	16.30	16.07	16.14	18
	DFT-s-OFDM 16QAM	1	1	16.18	16.22	16.08	18
	DFT-s-OFDM 64QAM	1	1	16.06	15.98	16.16	18
	DFT-s-OFDM 256QAM	1	1	16.28	16.18	16.15	18
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	16.07	16.33	15.82	18
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	15.79	15.87	16.02	18
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	16.19	15.72	16.17	18
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	16.44	16.27	16.22	18
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	16.08	15.77	15.76	18

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n41 (SCS 30 kHz)_Ant0							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	23.92	24.00	24.09	25.5
		1	137	23.79	23.99	23.87	25.5
		1	271	23.73	23.81	23.70	25.5
		135	0	23.44	23.43	23.44	25
		135	69	23.74	23.99	23.77	25.5
		135	138	23.31	23.21	23.22	25
		270	0	23.36	23.34	23.39	25
	DFT-s-OFDM QPSK	1	1	24.27	24.10	24.02	25.5
		1	137	23.97	23.97	23.62	25.5
		1	271	23.60	23.67	23.68	25.5
		135	0	22.87	22.92	22.87	24.5
		135	69	23.99	23.89	23.92	25.5
		135	138	23.03	22.77	22.72	24.5
		270	0	22.87	22.82	22.84	24.5
	DFT-s-OFDM 16QAM	1	1	23.13	22.95	22.84	24.5
	DFT-s-OFDM 64QAM	1	1	21.26	21.32	21.19	23
	DFT-s-OFDM 256QAM	1	1	19.12	19.22	19.08	21
BW [MHz]	MCS Index	Channel		508200	518596	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	23.77	23.92	23.72	25.5
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	23.68	23.67	23.57	25.5
BW [MHz]	MCS Index	Channel		506202	518596	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	23.83	23.98	23.94	25.5
BW [MHz]	MCS Index	Channel		505200	518596	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	24.14	24.04	23.93	25.5
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	23.90	23.94	23.61	25.5
BW [MHz]	MCS Index	Channel		503700	518596	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	23.92	23.75	23.83	25.5
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	23.86	23.86	24.00	25.5
BW [MHz]	MCS Index	Channel		502704	518596	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	23.71	23.67	23.69	25.5
BW [MHz]	MCS Index	Channel		502200	518596	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	24.25	24.01	23.95	25.5
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	23.91	23.96	23.67	25.5
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	23.88	23.81	23.82	25.5
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	24.14	24.05	23.87	25.5
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	23.90	23.78	23.82	25.5

n41 (SCS 30 kHz)_Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	19.92	19.83	20.10	20.5
		1	137	19.91	20.02	19.83	20.5
		1	271	20.10	19.91	19.71	20.5
		135	0	20.09	19.70	19.78	20.5
		135	69	20.13	20.04	19.92	20.5
		135	138	19.89	20.06	20.00	20.5
		270	0	20.05	19.97	20.02	20.5
	DFT-s-OFDM QPSK	1	1	20.16	20.07	20.12	20.5
		1	137	20.00	20.01	20.04	20.5
		1	271	20.05	20.04	20.04	20.5
		135	0	19.93	19.85	20.09	20.5
		135	69	20.14	20.00	20.06	20.5
		135	138	19.91	19.98	20.07	20.5
		270	0	20.02	19.85	19.99	20.5
	DFT-s-OFDM 16QAM	1	1	19.98	19.86	19.82	20.5
	DFT-s-OFDM 64QAM	1	1	19.93	19.91	20.03	20.5
	DFT-s-OFDM 256QAM	1	1	19.99	19.99	19.86	20.5
BW [MHz]	MCS Index	Channel		508200	518596	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	19.86	19.88	19.81	20.5
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	19.98	19.77	19.58	20.5
BW [MHz]	MCS Index	Channel		506202	518596	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	20.12	19.95	19.79	20.5
BW [MHz]	MCS Index	Channel		505200	518596	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	19.94	19.85	19.98	20.5
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	20.10	19.94	20.09	20.5
BW [MHz]	MCS Index	Channel		503700	518598	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	20.04	20.01	19.91	20.5
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	19.86	19.75	19.99	20.5
BW [MHz]	MCS Index	Channel		502704	518598	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	20.01	19.92	19.99	20.5
BW [MHz]	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	19.83	19.90	19.97	20.5
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	19.78	19.82	19.91	20.5
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	19.86	19.88	19.72	20.5
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	19.84	19.68	20.05	20.5
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	19.74	19.91	19.92	20.5

n41 (SCS 30 kHz)_Ant3							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518596	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	19.67	19.66	19.84	20.5
		1	137	19.56	19.88	19.52	25.5
		1	271	19.79	19.65	19.41	25.5
		135	0	20.00	19.52	19.44	25.5
		135	69	19.87	19.71	19.66	25.5
		135	138	19.49	19.58	19.62	25.5
		270	0	19.82	19.74	19.78	25.5
	DFT-s-OFDM QPSK	1	1	19.91	20.07	19.96	25.5
		1	137	19.75	19.90	19.77	25.5
		1	271	19.90	19.67	19.86	25.5
		135	0	19.69	19.69	19.62	25.5
		135	69	19.81	19.89	19.66	25.5
		135	138	19.70	19.57	19.71	25.5
		270	0	19.72	19.83	19.76	25.5
	DFT-s-OFDM 16QAM	1	1	19.72	19.53	19.57	25.5
	DFT-s-OFDM 64QAM	1	1	19.64	19.51	19.73	25.5
	DFT-s-OFDM 256QAM	1	1	19.82	19.78	19.59	25.5
BW [MHz]	MCS Index	Channel		508200	518596	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	19.71	19.52	19.32	25.5
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	19.81	19.63	19.65	25.5
BW [MHz]	MCS Index	Channel		506202	518598	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	19.42	19.45	19.48	25.5
BW [MHz]	MCS Index	Channel		505200	518596	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	19.67	19.81	19.76	25.5
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	19.76	19.53	19.84	25.5
BW [MHz]	MCS Index	Channel		503700	518596	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	19.64	19.62	19.60	25.5
BW [MHz]	MCS Index	Channel		503202	518596	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	19.69	19.56	19.60	25.5
BW [MHz]	MCS Index	Channel		502704	518596	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	19.71	19.71	19.64	25.5
BW [MHz]	MCS Index	Channel		502200	518596	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	19.66	19.44	19.43	25.5
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	19.55	19.41	19.64	25.5
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	19.81	19.66	19.49	25.5
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	19.66	19.65	19.82	25.5
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	19.76	19.51	19.29	25.5

n41 (SCS 30 kHz)_Ant4							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518596	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	16.24	16.25	16.55	17.5
		1	137	16.13	16.38	16.15	20.5
		1	271	16.47	16.20	16.33	20.5
		135	0	16.42	16.42	16.42	20.5
		135	69	16.56	16.22	16.29	20.5
		135	138	16.13	16.18	16.15	20.5
		270	0	16.25	16.40	16.35	20.5
	DFT-s-OFDM QPSK	1	1	16.64	16.53	16.57	20.5
		1	137	16.48	16.48	16.33	20.5
		1	271	16.48	16.32	16.45	20.5
		135	0	16.24	16.23	16.32	20.5
		135	69	16.54	16.49	16.40	20.5
		135	138	16.31	16.13	16.27	20.5
		270	0	16.53	16.59	16.41	20.5
	DFT-s-OFDM 16QAM	1	1	16.29	16.39	16.35	20.5
	DFT-s-OFDM 64QAM	1	1	16.25	16.45	16.24	20.5
	DFT-s-OFDM 256QAM	1	1	16.29	16.42	16.13	20.5
BW [MHz]	MCS Index	Channel		508200	518596	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	16.15	16.11	16.49	20.5
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	16.39	16.06	16.29	20.5
BW [MHz]	MCS Index	Channel		506202	518596	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	16.35	16.36	16.38	20.5
BW [MHz]	MCS Index	Channel		505200	518596	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	16.43	16.14	16.22	20.5
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	16.10	16.37	16.21	20.5
BW [MHz]	MCS Index	Channel		503700	518598	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	16.33	16.37	16.27	20.5
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	16.45	16.22	16.39	20.5
BW [MHz]	MCS Index	Channel		502704	518598	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	16.19	16.17	16.22	20.5
BW [MHz]	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	16.18	16.02	16.22	20.5
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	16.25	16.25	16.32	20.5
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	16.24	16.33	16.11	20.5
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	16.11	16.22	16.43	20.5
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	16.51	16.07	16.20	20.5

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n7 (SCS 15 kHz) _Ant0							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	20.40	20.54	20.37	22
		1	135	20.33	20.38	20.46	22
		1	268	20.49	20.31	20.50	22
		135	0	20.24	20.40	20.35	22
		135	68	20.42	20.24	20.46	22
		135	135	20.43	20.27	20.30	22
		270	0	20.40	20.44	20.34	22
	DFT-s-OFDM QPSK	1	1	20.41	20.50	**20.56**	22
		1	135	20.28	20.38	20.39	22
		1	268	20.18	20.24	20.39	22
		135	0	20.33	20.34	20.40	22
		135	68	20.44	20.49	20.42	22
		135	135	20.20	20.23	20.33	22
		270	0	20.20	20.40	20.21	22
	DFT-s-OFDM 16QAM	1	1	20.34	20.21	20.28	22
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.28	22
	DFT-s-OFDM 256QAM	1	1	18.95	19.02	18.98	20.5
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	20.18	20.30	20.43	22
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	20.41	20.28	20.45	22
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	20.14	20.25	20.22	22
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	20.34	20.13	20.33	22
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	20.40	20.16	20.20	22
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	20.32	20.34	20.29	22
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	20.23	20.24	20.34	22
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	20.32	20.30	20.26	22

n7 (SCS 15 kHz) _Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	18.50	18.47	18.54	19
		1	135	18.36	18.34	18.34	19
		1	268	18.36	18.50	18.51	19
		135	0	18.42	18.33	18.53	19
		135	68	18.21	18.62	18.40	19
		135	135	18.62	18.15	18.44	19
		270	0	18.58	18.54	18.49	19
	DFT-s-OFDM QPSK	1	1	**18.67**	18.59	18.51	19
		1	135	18.51	18.55	18.52	19
		1	268	18.47	18.62	18.54	19
		135	0	18.51	18.43	18.17	19
		135	68	18.50	18.39	18.37	19
		135	135	18.32	18.38	18.30	19
		270	0	18.51	18.24	18.30	19
	DFT-s-OFDM 16QAM	1	1	18.55	18.40	18.63	19
	DFT-s-OFDM 64QAM	1	1	18.54	18.27	18.59	19
	DFT-s-OFDM 256QAM	1	1	18.59	18.45	18.58	19
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	18.31	18.41	18.42	19
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	18.49	18.32	18.46	19
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	18.52	18.53	18.45	19
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	18.43	18.50	18.45	19
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	18.36	18.56	18.52	19
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	18.37	18.28	18.08	19
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	18.35	18.29	18.34	19
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	18.27	18.28	18.17	19

n7 (SCS 15 kHz) _Ant3							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	20.46	20.78	20.49	21.5
		1	135	20.61	20.73	20.63	22
		1	268	20.52	20.68	20.62	22
		135	0	20.70	20.65	20.67	22
		135	68	20.66	20.77	20.76	22
		135	135	20.58	20.63	20.60	22
		270	0	20.52	20.59	20.64	22
	DFT-s-OFDM QPSK	1	1	20.61	**20.78**	20.72	22
		1	135	20.49	20.62	20.47	22
		1	268	20.58	20.51	20.63	22
		135	0	20.52	20.53	20.53	22
		135	68	20.57	20.57	20.65	22
		135	135	20.46	20.39	20.55	22
		270	0	20.60	20.62	20.73	22
	DFT-s-OFDM 16QAM	1	1	20.61	20.44	20.36	22
	DFT-s-OFDM 64QAM	1	1	20.71	20.64	20.53	22
	DFT-s-OFDM 256QAM	1	1	19.98	20.23	20.06	21.5
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	20.58	20.61	20.52	22
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	20.47	20.58	20.47	22
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	20.53	20.71	20.74	22
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	20.51	20.59	20.58	22
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	20.42	20.53	20.36	22
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	20.45	20.55	20.59	22
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	20.37	20.25	20.42	22
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	20.51	20.35	20.33	22

n7 (SCS 15 kHz) _Ant4							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	16.99	16.95	17.02	18.5
		1	135	17.01	16.74	16.95	19
		1	268	16.88	17.01	16.92	19
		135	0	16.91	16.76	16.90	19
		135	68	16.70	17.06	16.72	19
		135	135	17.05	16.72	16.86	19
		270	0	16.96	17.13	17.07	19
	DFT-s-OFDM QPSK	1	1	17.16	**17.18**	17.05	19
		1	135	16.96	17.14	16.99	19
		1	268	16.92	17.12	17.00	19
		135	0	16.78	17.05	16.96	19
		135	68	17.01	17.16	16.99	19
		135	135	16.85	16.90	16.80	19
		270	0	16.87	16.96	16.76	19
	DFT-s-OFDM 16QAM	1	1	17.01	16.80	17.05	19
	DFT-s-OFDM 64QAM	1	1	16.96	16.88	16.97	19
	DFT-s-OFDM 256QAM	1	1	17.00	16.85	17.05	19
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	16.99	16.63	16.86	19
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	16.89	16.82	17.00	19
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	16.89	16.63	16.76	19
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	16.95	16.71	16.84	19
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	17.12	17.04	16.90	19
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	16.93	17.09	16.98	19
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	16.80	16.79	16.69	19
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	16.77	16.90	16.66	19

CE NR_DSI3

n38 (SCS 30 kHz)_Ant0							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	20.85	20.91	20.77	22.5
		1	53	20.75	20.85	20.84	22.5
		1	104	20.72	20.82	20.87	22.5
		50	0	20.80	20.80	20.74	22.5
		50	28	20.79	20.68	20.73	22.5
		50	56	20.76	20.62	20.69	22.5
		100	0	20.65	20.73	20.74	22.5
	DFT-s-OFDM QPSK	1	1	20.70	**20.97**	20.96	22.5
		1	53	20.56	20.85	20.76	22.5
		1	104	20.64	20.62	20.83	22.5
		50	0	20.77	20.65	20.70	22.5
		50	28	20.83	20.84	20.74	22.5
		50	56	20.61	20.60	20.68	22.5
		100	0	20.67	20.74	20.55	22.5
	DFT-s-OFDM 16QAM	1	1	20.73	20.67	20.61	22.5
	DFT-s-OFDM 64QAM	1	1	20.70	20.80	20.70	22.5
	DFT-s-OFDM 256QAM	1	1	19.05	19.12	19.08	21
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	20.64	20.79	20.72	22.5
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	20.65	20.77	20.74	22.5
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	20.78	20.87	20.63	22.5
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	20.64	20.65	20.70	22.5
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	20.69	20.84	20.66	22.5

n38 (SCS 30 kHz)_Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	19.13	19.39	19.39	20
		1	53	19.24	19.04	19.25	20
		1	104	19.16	19.21	19.20	20
		50	0	19.14	19.10	19.25	20
		50	28	19.04	19.33	19.00	20
		50	56	19.29	19.00	19.09	20
		100	0	19.35	19.35	19.26	20
	DFT-s-OFDM QPSK	1	1	19.30	**19.46**	19.36	20
		1	53	19.32	19.34	19.22	20
		1	104	19.20	19.39	19.21	20
		50	0	19.08	19.22	19.12	20
		50	28	19.20	19.41	19.28	20
		50	56	19.11	19.25	19.18	20
		100	0	19.23	19.27	18.88	20
	DFT-s-OFDM 16QAM	1	1	19.23	19.09	19.20	20
	DFT-s-OFDM 64QAM	1	1	19.19	19.09	19.14	20
	DFT-s-OFDM 256QAM	1	1	19.11	19.09	19.28	20
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	19.19	18.94	19.15	20
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	19.07	19.10	19.19	20
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	19.09	19.04	19.23	20
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	19.03	19.30	18.88	20
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	19.22	18.94	19.01	20

n38 (SCS 30 kHz)_Ant3							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	20.24	20.24	20.25	21.5
		1	53	20.22	20.14	20.20	22.5
		1	104	20.06	20.07	20.15	22.5
		50	0	20.09	20.35	20.30	22.5
		50	28	20.23	20.23	20.07	22.5
		50	56	20.24	20.15	20.36	22.5
		100	0	20.14	20.41	20.11	22.5
	DFT-s-OFDM QPSK	1	1	20.23	**20.41**	20.28	22.5
		1	53	20.22	20.27	20.10	22.5
		1	104	20.14	20.20	20.05	22.5
		50	0	20.26	20.18	20.08	22.5
		50	28	20.22	20.26	20.24	22.5
		50	56	20.01	20.13	20.12	22.5
		100	0	20.06	20.24	20.06	22.5
	DFT-s-OFDM 16QAM	1	1	20.09	20.33	20.12	22.5
	DFT-s-OFDM 64QAM	1	1	20.16	20.22	20.10	22.5
	DFT-s-OFDM 256QAM	1	1	20.01	20.12	20.09	21.5
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	20.14	20.12	20.10	22.5
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	20.22	20.21	19.98	22.5
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	20.22	20.12	20.29	22.5
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	19.99	20.33	19.98	22.5
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	20.10	20.37	20.27	22.5

n38 (SCS 30 kHz)_Ant4							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	17.98	18.01	18.04	19
		1	53	17.96	18.03	17.83	20
		1	104	17.67	17.81	17.87	20
		50	0	17.75	17.93	17.90	20
		50	28	17.95	17.92	17.85	20
		50	56	17.88	17.92	17.98	20
		100	0	17.82	18.00	17.94	20
	DFT-s-OFDM QPSK	1	1	**18.18**	18.06	18.11	20
		1	53	17.87	17.92	17.85	20
		1	104	17.80	18.02	17.76	20
		50	0	17.85	17.83	17.85	20
		50	28	18.02	17.96	17.91	20
		50	56	17.78	17.83	17.78	20
		100	0	17.96	17.89	17.77	20
	DFT-s-OFDM 16QAM	1	1	17.86	18.06	17.74	20
	DFT-s-OFDM 64QAM	1	1	17.94	18.07	17.86	20
	DFT-s-OFDM 256QAM	1	1	17.93	17.98	18.05	20
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	17.56	17.78	17.78	20
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	17.83	17.87	17.99	20
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	17.94	17.93	17.76	20
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	18.09	18.04	18.10	20
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	17.75	18.01	17.69	20

CE NR_DSI3

n41 (SCS 30 kHz)_Ant0							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM PI/2 BPSK	1	1	21.56	21.72	21.62	23
		1	137	21.65	21.64	21.64	23
		1	271	21.71	21.48	21.49	23
		135	0	21.64	21.51	21.61	23
		135	69	21.56	21.65	21.61	23
		135	138	21.55	21.42	21.54	23
		270	0	21.56	21.60	21.55	23
	DFT-s-OFDM QPSK	1	1	21.77	21.66	21.57	23
		1	137	21.38	21.57	21.54	23
		1	271	21.37	21.49	21.39	23
		135	0	21.64	21.44	21.51	23
		135	69	21.68	21.61	21.61	23
		135	138	21.47	21.38	21.45	23
		270	0	21.56	21.53	21.55	23
	DFT-s-OFDM 16QAM	1	1	21.44	21.38	21.33	23
	DFT-s-OFDM 64QAM	1	1	21.10	21.21	21.19	23
	DFT-s-OFDM 256QAM	1	1	18.89	19.08	18.90	20.5
BW [MHz]	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	21.35	21.54	21.51	23
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	21.52	21.62	21.58	23
BW [MHz]	MCS Index	Channel		506202	518598	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	21.57	21.36	21.39	23
BW [MHz]	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	21.59	21.38	21.57	23
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	21.46	21.60	21.49	23
BW [MHz]	MCS Index	Channel		503700	518598	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	21.53	21.27	21.43	23
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	21.64	21.56	21.56	23
BW [MHz]	MCS Index	Channel		502704	518598	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	21.62	21.49	21.46	23
BW [MHz]	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	21.37	21.42	21.52	23
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	21.58	21.37	21.36	23
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	21.54	21.55	21.55	23
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	21.39	21.28	21.21	23
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	21.67	21.36	21.40	23

n41 (SCS 30 kHz)_Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM PI/2 BPSK	1	1	20.32	20.43	20.49	21
		1	137	20.38	20.42	20.54	21
		1	271	20.31	20.51	20.52	21
		135	0	20.28	20.38	20.44	21
		135	69	20.52	20.36	20.36	21
		135	138	20.43	20.44	20.43	21
		270	0	20.37	20.43	20.32	21
	DFT-s-OFDM QPSK	1	1	20.51	20.56	20.51	21
		1	137	20.33	20.48	20.23	21
		1	271	20.42	20.34	20.43	21
		135	0	20.42	20.34	20.27	21
		135	69	20.53	20.36	20.38	21
		135	138	20.38	20.17	20.38	21
		270	0	20.46	20.21	20.42	21
	DFT-s-OFDM 16QAM	1	1	20.48	20.31	20.16	21
	DFT-s-OFDM 64QAM	1	1	20.42	20.53	20.43	21
	DFT-s-OFDM 256QAM	1	1	20.14	19.90	19.64	21
BW [MHz]	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	20.25	20.37	20.50	21
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	20.17	20.36	20.40	21
BW [MHz]	MCS Index	Channel		506202	518598	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	20.24	20.42	20.48	21
BW [MHz]	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	20.44	20.35	20.31	21
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	20.42	20.53	20.49	21
BW [MHz]	MCS Index	Channel		503700	518598	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	20.38	20.50	20.47	21
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	20.32	20.23	20.14	21
BW [MHz]	MCS Index	Channel		502704	518598	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	20.30	20.11	20.35	21
BW [MHz]	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	20.44	20.29	20.09	21
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	20.27	20.33	20.40	21
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	20.41	20.31	20.29	21
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	20.31	20.42	20.28	21
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	20.47	20.44	20.46	21

n41 (SCS 30 kHz)_Ant3							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM PI/2 BPSK	1	1	20.34	20.56	20.48	21
		1	137	20.42	20.44	20.46	23
		1	271	20.37	20.47	20.51	23
		135	0	20.38	20.41	20.59	23
		135	69	20.48	20.44	20.56	23
		135	138	20.50	20.52	20.49	23
		270	0	20.31	20.43	20.41	23
	DFT-s-OFDM QPSK	1	1	20.53	20.59	20.44	23
		1	137	20.47	20.53	20.45	23
		1	271	20.37	20.54	20.39	23
		135	0	20.42	20.29	20.39	23
		135	69	20.39	20.53	20.48	23
		135	138	20.36	20.29	20.35	23
		270	0	20.46	20.51	20.42	23
	DFT-s-OFDM 16QAM	1	1	20.41	20.40	20.22	23
	DFT-s-OFDM 64QAM	1	1	20.45	20.42	20.50	23
	DFT-s-OFDM 256QAM	1	1	20.52	20.38	20.30	23
BW [MHz]	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	20.32	20.40	20.31	23
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	20.32	20.26	20.50	23
BW [MHz]	MCS Index	Channel		506202	518598	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	20.19	20.36	20.36	23
BW [MHz]	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	20.48	20.53	20.43	23
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	20.41	20.39	20.34	23
BW [MHz]	MCS Index	Channel		503700	518598	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	20.33	20.50	20.34	23
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	20.39	20.20	20.31	23
BW [MHz]	MCS Index	Channel		502704	518598	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	20.35	20.46	20.40	23
BW [MHz]	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	20.36	20.41	20.36	23
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	20.33	20.33	20.13	23
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	20.32	20.33	20.49	23
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	20.50	20.26	20.21	23
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	20.35	20.42	20.45	23

n41 (SCS 30 kHz)_Ant4							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM PI/2 BPSK	1	1	17.47	17.55	17.62	18.5
		1	137	17.58	17.63	17.50	21
		1	271	17.51	17.55	17.56	21
		135	0	17.55	17.44	17.62	21
		135	69	17.46	17.52	17.50	21
		135	138	17.56	17.51	17.58	21
		270	0	17.33	17.36	17.50	21
	DFT-s-OFDM QPSK	1	1	17.64	17.60	17.53	21
		1	137	17.48	17.47	17.44	21
		1	271	17.48	17.43	17.51	21
		135	0	17.29	17.38	17.33	21
		135	69	17.60	17.46	17.49	21
		135	138	17.29	17.33	17.39	21
		270	0	17.50	17.43	17.44	21
	DFT-s-OFDM 16QAM	1	1	17.41	17.51	17.17	21
	DFT-s-OFDM 64QAM	1	1	17.58	17.57	17.45	21
	DFT-s-OFDM 256QAM	1	1	17.57	17.43	17.47	21
BW [MHz]	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	17.55	17.62	17.47	21
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	17.36	17.41	17.52	21
BW [MHz]	MCS Index	Channel		506202	518598	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	17.48	17.36	17.49	21
BW [MHz]	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	17.27	17.23	17.46	21
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	17.51	17.59	17.42	21
BW [MHz]	MCS Index	Channel		503700	518598	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	17.41	17.35	17.39	21
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	17.21	17.35	17.29	21
BW [MHz]	MCS Index	Channel		502704	518598	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	17.51	17.40	17.38	21
BW [MHz]	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	17.48	17.34	17.38	21
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	17.47	17.31	17.40	21
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	17.36	17.41	17.50	21
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	17.54	17.58	17.48	21
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	17.49	17.43	17.61	21

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n7 (SCS 15 kHz) _Ant0							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	20.40	20.54	20.37	22
		1	135	20.33	20.38	20.46	22
		1	268	20.49	20.31	20.50	22
		135	0	20.24	20.40	20.35	22
		135	68	20.42	20.24	20.46	22
		135	135	20.43	20.27	20.30	22
		270	0	20.40	20.44	20.34	22
	DFT-s-OFDM QPSK	1	1	20.41	20.50	**20.56**	22
		1	135	20.28	20.38	20.39	22
		1	268	20.18	20.24	20.39	22
		135	0	20.33	20.34	20.40	22
		135	68	20.44	20.49	20.42	22
		135	135	20.20	20.23	20.33	22
		270	0	20.20	20.40	20.21	22
	DFT-s-OFDM 16QAM	1	1	20.34	20.21	20.28	22
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.28	22
	DFT-s-OFDM 256QAM	1	1	18.95	19.02	18.98	20.5
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	20.18	20.30	20.43	22
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	20.41	20.28	**20.45**	22
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	20.14	20.25	20.22	22
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	20.34	20.13	20.33	22
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	20.40	20.16	20.20	22
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	20.32	20.34	20.29	22
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	20.23	20.24	20.34	22
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	20.32	20.30	20.26	22

n7 (SCS 15 kHz) _Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	22.74	22.82	22.81	23.5
		1	135	22.96	22.96	22.83	23.5
		1	268	22.98	22.89	22.96	23.5
		135	0	22.86	22.66	22.86	23.5
		135	68	22.81	22.91	23.00	23.5
		135	135	22.92	22.82	22.89	23.5
		270	0	22.73	22.73	22.76	23.5
	DFT-s-OFDM QPSK	1	1	**23.01**	22.93	22.88	23.5
		1	135	22.76	22.82	22.78	23.5
		1	268	22.83	22.89	22.76	23.5
		135	0	22.68	22.73	22.83	23.5
		135	68	22.93	22.90	22.81	23.5
		135	135	22.74	22.69	22.69	23.5
		270	0	22.93	22.96	22.78	23.5
	DFT-s-OFDM 16QAM	1	1	22.70	22.85	22.42	23.5
	DFT-s-OFDM 64QAM	1	1	21.49	21.73	21.76	23
	DFT-s-OFDM 256QAM	1	1	19.78	19.66	19.70	21
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	22.85	22.61	22.71	23.5
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	22.69	22.79	**22.99**	23.5
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	22.58	22.64	22.73	23.5
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	22.63	22.70	22.68	23.5
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	22.73	22.57	22.64	23.5
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	22.87	22.94	22.71	23.5
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	22.92	22.86	22.78	23.5
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	22.80	22.84	22.92	23.5

n7 (SCS 15 kHz) _Ant3							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	24.59	25.18	25.05	26
		1	135	24.53	24.99	24.87	22
		1	268	24.51	24.95	24.79	22
		135	0	24.13	24.62	24.51	21.5
		135	68	24.76	25.16	24.99	22
		135	135	24.16	24.44	24.43	21.5
		270	0	24.22	24.45	24.43	21.5
	DFT-s-OFDM QPSK	1	1	24.46	**25.24**	25.11	22
		1	135	24.47	25.14	25.10	22
		1	268	24.34	25.17	25.09	22
		135	0	23.49	24.08	23.88	21
		135	68	24.57	25.15	25.17	22
		135	135	23.37	23.75	23.64	21
		270	0	23.61	24.08	24.03	21
	DFT-s-OFDM 16QAM	1	1	24.03	24.19	24.22	21
	DFT-s-OFDM 64QAM	1	1	21.79	22.09	21.96	19.5
	DFT-s-OFDM 256QAM	1	1	19.88	20.11	20.02	17.5
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	24.47	24.93	24.66	22
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	24.58	**25.13**	24.91	22
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	24.37	24.99	25.08	22
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	24.19	25.05	25.06	22
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	24.56	25.09	25.07	22
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	24.45	25.07	24.97	22
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	24.41	24.86	24.78	22
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	24.36	24.87	24.77	22

n7 (SCS 15 kHz) _Ant4							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	16.99	16.95	17.02	18.5
		1	135	17.01	16.74	16.95	23.5
		1	268	16.88	17.01	16.92	23.5
		135	0	16.91	16.76	16.90	23.5
		135	68	16.70	17.06	16.72	23.5
		135	135	17.05	16.72	16.86	23.5
		270	0	16.96	17.13	17.07	23.5
	DFT-s-OFDM QPSK	1	1	17.16	**17.18**	17.05	23.5
		1	135	16.96	17.14	16.99	23.5
		1	268	16.92	17.12	17.00	23.5
		135	0	16.78	17.05	16.96	23.5
		135	68	17.01	17.16	16.99	23.5
		135	135	16.85	16.90	16.80	23.5
		270	0	16.87	16.96	16.76	23.5
	DFT-s-OFDM 16QAM	1	1	17.01	16.80	17.05	23.5
	DFT-s-OFDM 64QAM	1	1	16.96	16.88	16.97	23.5
	DFT-s-OFDM 256QAM	1	1	17.00	16.85	17.05	23.5
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	16.99	16.63	16.86	23.5
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	16.89	16.82	17.00	23.5
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	16.89	16.63	16.76	23.5
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	16.95	16.71	16.84	23.5
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	**17.12**	17.04	16.90	23.5
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	16.93	17.09	16.98	23.5
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	16.80	16.79	16.69	23.5
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	16.77	16.90	16.66	23.5

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n38 (SCS 30 kHz)_Ant0							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	20.85	20.91	20.77	22.5
		1	53	20.75	20.85	20.84	22.5
		1	104	20.72	20.82	20.87	22.5
		50	0	20.80	20.80	20.74	22.5
		50	28	20.79	20.68	20.73	22.5
		50	56	20.76	20.62	20.69	22.5
		100	0	20.65	20.73	20.74	22.5
	DFT-s-OFDM QPSK	1	1	20.70	**20.97**	20.96	22.5
		1	53	20.56	20.85	20.76	22.5
		1	104	20.64	20.62	20.83	22.5
		50	0	20.77	20.65	20.70	22.5
		50	28	20.83	20.84	20.74	22.5
		50	56	20.61	20.60	20.68	22.5
		100	0	20.67	20.74	20.55	22.5
	DFT-s-OFDM 16QAM	1	1	20.73	20.67	20.61	22.5
	DFT-s-OFDM 64QAM	1	1	20.70	20.80	20.70	22.5
	DFT-s-OFDM 256QAM	1	1	19.05	19.12	19.08	21
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	20.64	20.79	20.72	22.5
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	20.65	20.77	20.74	22.5
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	20.78	20.87	20.63	22.5
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	20.64	20.65	20.70	22.5
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	20.69	20.84	20.66	22.5

n38 (SCS 30 kHz)_Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	23.69	23.73	23.80	24.5
		1	53	23.98	23.85	23.81	24.5
		1	104	23.82	23.72	23.91	24.5
		50	0	23.75	23.72	23.77	24.5
		50	28	23.74	23.79	23.93	24.5
		50	56	23.86	23.84	23.90	24.5
		100	0	23.55	23.59	23.59	24.5
	DFT-s-OFDM QPSK	1	1	23.81	**24.01**	23.79	24.5
		1	53	23.82	23.76	23.70	24.5
		1	104	23.72	23.83	23.64	24.5
		50	0	23.58	23.79	23.63	24.5
		50	28	23.75	23.86	23.81	24.5
		50	56	23.62	23.78	23.63	24.5
		100	0	23.78	23.85	23.74	24.5
	DFT-s-OFDM 16QAM	1	1	23.70	23.84	23.31	24.5
	DFT-s-OFDM 64QAM	1	1	21.64	21.99	21.84	23
	DFT-s-OFDM 256QAM	1	1	19.63	19.71	19.74	21
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	23.81	23.69	23.85	24.5
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	23.85	23.75	23.72	24.5
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	23.65	23.73	23.82	24.5
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	23.75	23.61	23.63	24.5
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	23.57	23.70	23.54	24.5

n38 (SCS 30 kHz)_Ant3							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	24.71	24.83	24.70	26
		1	53	24.44	24.58	24.63	22.5
		1	104	24.42	24.27	24.43	22.5
		50	0	24.37	24.13	24.29	22
		50	28	24.75	24.66	24.72	22.5
		50	56	23.97	24.11	24.17	22
		100	0	24.24	24.35	24.21	22
	DFT-s-OFDM QPSK	1	1	24.88	**24.95**	24.81	22.5
		1	53	24.70	24.54	24.51	22.5
		1	104	24.47	24.39	24.44	22.5
		50	0	23.77	23.65	23.82	21.5
		50	28	24.80	24.75	24.66	22.5
		50	56	23.74	23.43	23.68	21.5
		100	0	23.74	23.76	23.66	21.5
	DFT-s-OFDM 16QAM	1	1	23.56	23.84	23.80	21.5
	DFT-s-OFDM 64QAM	1	1	22.08	21.84	22.05	20
	DFT-s-OFDM 256QAM	1	1	19.88	19.97	19.85	18
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	24.34	24.49	24.51	22.5
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	24.70	24.80	24.55	22.5
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	24.31	24.23	24.37	22.5
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	24.67	24.59	24.56	22.5
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	24.62	24.48	24.38	22.5

n38 (SCS 30 kHz)_Ant4							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	17.98	18.01	18.04	19
		1	53	17.96	18.03	17.83	24.5
		1	104	17.67	17.81	17.87	24.5
		50	0	17.75	17.93	17.90	24.5
		50	28	17.95	17.92	17.85	24.5
		50	56	17.88	17.92	17.98	24.5
		100	0	17.82	18.00	17.94	24.5
	DFT-s-OFDM QPSK	1	1	**18.18**	18.06	18.11	24.5
		1	53	17.87	17.92	17.85	24.5
		1	104	17.80	18.02	17.76	24.5
		50	0	17.85	17.83	17.85	24.5
		50	28	18.02	17.96	17.91	24.5
		50	56	17.78	17.83	17.78	24.5
		100	0	17.96	17.89	17.77	24.5
	DFT-s-OFDM 16QAM	1	1	17.86	18.06	17.74	24.5
	DFT-s-OFDM 64QAM	1	1	17.94	18.07	17.86	24.5
	DFT-s-OFDM 256QAM	1	1	17.93	17.98	18.05	24.5
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	17.56	17.78	17.78	24.5
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	17.83	17.87	17.99	24.5
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	17.94	17.93	17.76	24.5
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	18.09	18.04	18.10	24.5
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	17.75	18.01	17.69	24.5

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n41 (SCS 30 kHz)_Ant0

BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	21.56	21.72	21.62	23
		1	137	21.65	21.64	21.64	23
		1	271	21.71	21.48	21.49	23
		135	0	21.64	21.51	21.61	23
		135	69	21.56	21.65	21.61	23
		135	138	21.55	21.42	21.54	23
		270	0	21.56	21.60	21.55	23
	DFT-s-OFDM QPSK	1	1	21.77	21.66	21.57	23
		1	137	21.38	21.57	21.54	23
		1	271	21.37	21.49	21.39	23
		135	0	21.64	21.44	21.51	23
		135	69	21.68	21.61	21.61	23
		135	138	21.47	21.38	21.45	23
		270	0	21.56	21.53	21.55	23
	DFT-s-OFDM 16QAM	1	1	21.44	21.38	21.33	23
	DFT-s-OFDM 64QAM	1	1	21.10	21.21	21.19	23
	DFT-s-OFDM 256QAM	1	1	18.89	19.08	18.90	20.5
BW [MHz]	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	21.35	21.54	21.51	23
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	21.52	21.62	21.58	23
BW [MHz]	MCS Index	Channel		506202	518598	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	21.57	21.36	21.39	23
BW [MHz]	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	21.59	21.38	21.57	23
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	21.46	21.60	21.49	23
BW [MHz]	MCS Index	Channel		503700	518598	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	21.53	21.27	21.43	23
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	21.64	21.56	21.56	23
BW [MHz]	MCS Index	Channel		502704	518598	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	21.62	21.49	21.46	23
BW [MHz]	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	21.37	21.42	21.52	23
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	21.58	21.37	21.36	23
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	21.54	21.55	21.55	23
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	21.39	21.28	21.21	23
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	21.67	21.36	21.40	23

n41 (SCS 30 kHz)_Ant2

BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	24.82	24.63	24.48	25.5
		1	137	24.43	24.45	24.47	25.5
		1	271	24.39	24.48	24.36	25.5
		135	0	24.26	23.93	24.04	25
		135	69	24.43	24.49	24.49	25.5
		135	138	23.89	23.97	23.69	25
		270	0	24.09	23.81	23.83	25
	DFT-s-OFDM QPSK	1	1	24.85	24.65	24.58	25.5
		1	137	24.47	24.50	24.48	25.5
		1	271	24.54	24.66	24.20	25.5
		135	0	23.81	23.41	23.63	24.5
		135	69	24.78	24.63	24.57	25.5
		135	138	23.44	23.67	23.50	24.5
		270	0	23.73	23.64	23.36	24.5
	DFT-s-OFDM 16QAM	1	1	23.88	23.55	23.56	24.5
	DFT-s-OFDM 64QAM	1	1	22.01	21.69	21.62	23
	DFT-s-OFDM 256QAM	1	1	19.94	19.59	19.49	21
BW [MHz]	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	24.44	24.40	24.37	25.5
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	24.54	24.59	24.05	25.5
BW [MHz]	MCS Index	Channel		506202	518598	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	24.38	24.47	24.54	25.5
BW [MHz]	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	24.34	24.45	24.33	25.5
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	24.70	24.44	24.40	25.5
BW [MHz]	MCS Index	Channel		503700	518598	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	24.56	24.52	24.11	25.5
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	24.33	24.47	24.36	25.5
BW [MHz]	MCS Index	Channel		502704	518598	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	24.81	24.48	24.43	25.5
BW [MHz]	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	24.71	24.61	24.50	25.5
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	24.34	24.57	24.46	25.5
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	24.47	24.62	24.08	25.5
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	24.69	24.53	24.43	25.5
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	24.84	24.53	24.46	25.5

n41 (SCS 30 kHz)_Ant3

BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	25.18	25.19	25.01	26
		1	137	24.92	24.94	24.61	23
		1	271	24.70	24.68	24.54	23
		135	0	24.15	23.94	24.26	22.5
		135	69	25.09	25.04	24.61	23
		135	138	23.86	23.80	23.77	22.5
		270	0	24.21	23.98	23.99	22.5
	DFT-s-OFDM QPSK	1	1	25.26	25.25	25.00	23
		1	137	24.94	24.88	24.48	23
		1	271	24.82	24.76	24.65	23
		135	0	24.19	24.18	23.86	22
		135	69	25.07	25.05	24.65	23
		135	138	23.98	23.83	23.32	22
		270	0	24.07	24.06	23.47	22
	DFT-s-OFDM 16QAM	1	1	24.19	24.31	23.88	22
	DFT-s-OFDM 64QAM	1	1	22.22	22.48	22.30	20.5
	DFT-s-OFDM 256QAM	1	1	20.23	20.27	20.02	18.5
BW [MHz]	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	24.84	24.90	24.58	23
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	25.10	25.09	24.97	23
BW [MHz]	MCS Index	Channel		506202	518598	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	24.61	24.63	24.41	23
BW [MHz]	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	24.94	25.00	24.59	23
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	24.90	24.84	24.46	23
BW [MHz]	MCS Index	Channel		503700	518598	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	25.14	25.20	24.93	23
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	25.05	24.96	24.52	23
BW [MHz]	MCS Index	Channel		502704	518598	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	24.78	24.93	24.52	23
BW [MHz]	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	24.97	25.02	24.60	23
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	25.20	25.11	24.97	23
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	24.99	24.92	24.59	23
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	25.09	25.08	24.93	23
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	24.83	24.81	24.46	23

n41 (SCS 30 kHz)_Ant4

BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	17.47	17.55	17.62	18.5
		1	137	17.58	17.63	17.50	25.5
		1	271	17.51	17.55	17.56	25.5
		135	0	17.55	17.44	17.62	25.5
		135	69	17.46	17.52	17.50	25.5
		135	138	17.56	17.51	17.58	25.5
		270	0	17.33	17.36	17.50	25.5
	DFT-s-OFDM QPSK	1	1	17.64	17.60	17.53	25.5
		1	137	17.48	17.47	17.44	25.5
		1	271	17.48	17.43	17.51	25.5
		135	0	17.29	17.38	17.33	25.5
		135	69	17.60	17.46	17.49	25.5
		135	138	17.29	17.33	17.39	25.5
		270	0	17.50	17.43	17.44	25.5
	DFT-s-OFDM 16QAM	1	1	17.41	17.51	17.17	25.5
	DFT-s-OFDM 64QAM	1	1	17.58	17.57	17.45	25.5
	DFT-s-OFDM 256QAM	1	1	17.57	17.43	17.47	25.5
BW [MHz]	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	17.55	17.62	17.47	25.5
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	17.36	17.41	17.52	25.5
BW [MHz]	MCS Index	Channel		506202	518598	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	17.48	17.36	17.49	25.5
BW [MHz]	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	17.27	17.23	17.46	25.5
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	17.51	17.59	17.42	25.5
BW [MHz]	MCS Index	Channel		503700	518598	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	17.41	17.35	17.39	25.5
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	17.21	17.35	17.29	25.5
BW [MHz]	MCS Index	Channel		502704	518598	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	17.51	17.40	17.38	25.5
BW [MHz]	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	17.48	17.34	17.38	25.5
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	17.47	17.31	17.40	25.5
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	17.36	17.41	17.50	25.5
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	17.54	17.58	17.48	25.5
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	17.49	17.43	17.61	25.5

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n7 (SCS 15 kHz) _Ant0							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	20.40	20.54	20.37	22
		1	135	20.33	20.38	20.46	22
		1	268	20.49	20.31	20.50	22
		135	0	20.24	20.40	20.35	22
		135	68	20.42	20.24	20.46	22
		135	135	20.43	20.27	20.30	22
		270	0	20.40	20.44	20.34	22
	DFT-s-OFDM QPSK	1	1	20.41	20.50	**20.56**	22
		1	135	20.28	20.38	20.39	22
		1	268	20.18	20.24	20.39	22
		135	0	20.33	20.34	20.40	22
		135	68	20.44	20.49	20.42	22
		135	135	20.20	20.23	20.33	22
		270	0	20.20	20.40	20.21	22
	DFT-s-OFDM 16QAM	1	1	20.34	20.21	20.28	22
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.28	22
	DFT-s-OFDM 256QAM	1	1	18.95	19.02	18.98	20.5
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	20.18	20.30	20.43	22
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	20.41	20.28	**20.45**	22
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	20.14	20.25	20.22	22
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	20.34	20.13	20.33	22
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	20.40	20.16	20.20	22
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	20.32	20.34	20.29	22
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	20.23	20.24	20.34	22
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	20.32	20.30	20.26	22

n7 (SCS 15 kHz) _Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	16.03	16.02	15.97	16.5
		1	135	16.03	15.79	15.83	16.5
		1	268	15.90	15.60	16.01	16.5
		135	0	15.74	15.70	15.91	16.5
		135	68	15.77	15.98	15.70	16.5
		135	135	15.89	15.72	15.65	16.5
		270	0	15.97	15.76	15.86	16.5
	DFT-s-OFDM QPSK	1	1	**16.07**	15.97	16.02	16.5
		1	135	15.99	16.04	16.03	16.5
		1	268	15.94	15.69	16.02	16.5
		135	0	15.91	15.92	15.88	16.5
		135	68	16.01	16.00	15.95	16.5
		135	135	15.79	15.72	15.74	16.5
		270	0	15.79	15.59	15.71	16.5
	DFT-s-OFDM 16QAM	1	1	15.93	15.74	15.71	16.5
	DFT-s-OFDM 64QAM	1	1	16.05	15.70	15.74	16.5
	DFT-s-OFDM 256QAM	1	1	15.81	15.56	16.01	16.5
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	16.02	15.74	15.79	16.5
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	15.86	15.47	**16.03**	16.5
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	15.73	15.58	15.89	16.5
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	15.87	15.69	15.84	16.5
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	15.93	15.94	15.91	16.5
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	15.96	16.01	15.94	16.5
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	15.77	15.79	15.87	16.5
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	**16.03**	15.95	15.94	16.5

n7 (SCS 15 kHz) _Ant3							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	19.74	19.68	19.69	20.5
		1	135	19.74	19.67	19.61	22
		1	268	19.68	19.34	19.76	22
		135	0	19.54	19.53	19.72	22
		135	68	19.53	19.57	19.70	22
		135	135	19.73	19.49	19.52	22
		270	0	19.86	19.63	19.88	22
	DFT-s-OFDM QPSK	1	1	19.77	19.84	**19.89**	22
		1	135	19.76	19.80	19.62	22
		1	268	19.70	19.56	19.84	22
		135	0	19.74	19.78	19.72	22
		135	68	19.82	19.74	19.82	22
		135	135	19.73	19.59	19.61	22
		270	0	19.49	19.76	19.65	22
	DFT-s-OFDM 16QAM	1	1	19.62	19.56	19.49	22
	DFT-s-OFDM 64QAM	1	1	19.76	19.53	19.70	22
	DFT-s-OFDM 256QAM	1	1	19.67	19.40	19.85	22
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	19.58	19.27	19.65	22
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	19.48	19.50	19.68	22
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	19.79	19.53	19.83	22
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	19.71	19.72	19.59	22
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	19.65	19.68	19.71	22
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	19.69	19.54	19.60	22
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	19.58	19.49	19.41	22
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	19.57	19.32	**19.86**	22

n7 (SCS 15 kHz) _Ant4							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		505000	507000	509000	
		Frequence (MHz)		2525	2535	2545	
50M	DFT-s-OFDM Pi/2 BPSK	1	1	13.93	14.15	13.92	15.5
		1	135	13.91	13.97	13.86	16.5
		1	268	13.89	13.67	14.19	16.5
		135	0	13.75	13.74	13.91	16.5
		135	68	13.96	14.07	14.04	16.5
		135	135	13.97	13.79	13.70	16.5
		270	0	14.19	13.91	14.16	16.5
	DFT-s-OFDM QPSK	1	1	**14.24**	14.18	14.10	16.5
		1	135	14.07	14.13	14.06	16.5
		1	268	13.94	13.92	14.04	16.5
		135	0	14.10	13.99	14.07	16.5
		135	68	14.05	14.15	14.02	16.5
		135	135	13.90	13.77	13.83	16.5
		270	0	13.89	13.88	13.82	16.5
	DFT-s-OFDM 16QAM	1	1	13.91	13.83	13.69	16.5
	DFT-s-OFDM 64QAM	1	1	13.97	13.75	13.88	16.5
	DFT-s-OFDM 256QAM	1	1	14.06	13.71	14.00	16.5
BW [MHz]	MCS Index	Channel		504000	507000	510000	Max. Tune-up
		Frequence (MHz)		2520	2535	2550	
40M	DFT-s-OFDM QPSK	1	1	13.81	13.91	13.77	16.5
BW [MHz]	MCS Index	Channel		503500	507000	510500	Max. Tune-up
		Frequence (MHz)		2517.5	2535	2552.5	
35M	DFT-s-OFDM QPSK	1	1	13.84	13.56	14.12	16.5
BW [MHz]	MCS Index	Channel		503000	507000	511000	Max. Tune-up
		Frequence (MHz)		2515	2535	2555	
30M	DFT-s-OFDM QPSK	1	1	13.85	13.95	13.99	16.5
BW [MHz]	MCS Index	Channel		502500	507000	511500	Max. Tune-up
		Frequence (MHz)		2512.5	2535	2557.5	
25M	DFT-s-OFDM QPSK	1	1	**14.18**	13.86	14.04	16.5
BW [MHz]	MCS Index	Channel		502000	507000	512000	Max. Tune-up
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM QPSK	1	1	13.96	13.99	13.98	16.5
BW [MHz]	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	14.05	13.92	14.04	16.5
BW [MHz]	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	13.88	13.76	13.76	16.5
BW [MHz]	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	13.81	13.74	13.54	16.5

CE NR_DSI5

n38 (SCS 30 kHz)_Ant0							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	20.85	20.91	20.77	22.5
		1	53	20.75	20.85	20.84	22.5
		1	104	20.72	20.82	20.87	22.5
		50	0	20.80	20.80	20.74	22.5
		50	28	20.79	20.68	20.73	22.5
		50	56	20.76	20.62	20.69	22.5
		100	0	20.65	20.73	20.74	22.5
	DFT-s-OFDM QPSK	1	1	20.70	**20.97**	20.96	22.5
		1	53	20.56	20.85	20.76	22.5
		1	104	20.64	20.62	20.83	22.5
		50	0	20.77	20.65	20.70	22.5
		50	28	20.83	20.84	20.74	22.5
		50	56	20.61	20.60	20.68	22.5
		100	0	20.67	20.74	20.55	22.5
	DFT-s-OFDM 16QAM	1	1	20.73	20.67	20.61	22.5
	DFT-s-OFDM 64QAM	1	1	20.70	20.80	20.70	22.5
	DFT-s-OFDM 256QAM	1	1	19.05	19.12	19.08	21
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	20.64	20.79	20.72	22.5
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	20.65	20.77	20.74	22.5
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	20.78	20.87	20.63	22.5
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	20.64	20.65	20.70	22.5
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	20.69	20.84	20.66	22.5

n38 (SCS 30 kHz)_Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	17.34	17.32	17.40	18
		1	53	17.25	17.52	17.37	18
		1	104	17.41	17.12	17.51	18
		50	0	17.22	17.27	17.46	18
		50	28	17.45	17.57	17.27	18
		50	56	17.57	17.06	17.35	18
		100	0	17.49	17.56	17.43	18
	DFT-s-OFDM QPSK	1	1	17.51	17.58	17.55	18
		1	53	17.47	17.43	17.54	18
		1	104	17.38	17.51	17.52	18
		50	0	17.30	17.34	17.25	18
		50	28	17.42	17.51	17.53	18
		50	56	17.37	17.13	17.41	18
		100	0	17.43	17.42	17.43	18
	DFT-s-OFDM 16QAM	1	1	17.52	17.41	17.29	18
	DFT-s-OFDM 64QAM	1	1	17.52	17.28	17.45	18
	DFT-s-OFDM 256QAM	1	1	17.41	17.47	17.41	18
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	17.13	17.37	17.24	18
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	17.39	17.00	17.36	18
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	17.30	17.48	17.22	18
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	17.35	17.46	17.39	18
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	17.36	17.47	17.49	18

n38 (SCS 30 kHz)_Ant3							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	19.94	19.84	19.81	21
		1	53	19.89	19.95	19.77	22.5
		1	104	20.04	19.60	20.05	22.5
		50	0	19.77	19.68	19.77	22.5
		50	28	19.76	19.75	19.81	22.5
		50	56	20.00	19.68	20.02	22.5
		100	0	19.77	19.83	20.00	22.5
	DFT-s-OFDM QPSK	1	1	19.97	19.98	**20.09**	22.5
		1	53	19.85	19.97	19.94	22.5
		1	104	19.82	20.04	20.03	22.5
		50	0	20.01	19.71	19.82	22.5
		50	28	20.03	20.05	19.98	22.5
		50	56	19.99	19.80	19.90	22.5
		100	0	19.83	19.88	19.75	22.5
	DFT-s-OFDM 16QAM	1	1	19.79	19.99	19.78	22.5
	DFT-s-OFDM 64QAM	1	1	19.91	19.74	20.04	22.5
	DFT-s-OFDM 256QAM	1	1	20.00	20.02	19.94	22.5
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	19.75	19.89	19.68	22.5
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	20.02	19.53	19.91	22.5
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	19.63	19.58	19.73	22.5
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	19.91	19.67	20.01	22.5
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	19.65	19.76	19.85	22.5

n38 (SCS 30 kHz)_Ant4							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	16.18	16.13	16.16	17
		1	53	16.12	16.34	15.91	18
		1	104	16.22	15.87	16.19	18
		50	0	15.82	15.88	16.11	18
		50	28	15.89	16.06	16.08	18
		50	56	16.22	15.76	16.23	18
		100	0	16.09	15.87	16.22	18
	DFT-s-OFDM QPSK	1	1	**16.46**	16.32	16.35	18
		1	53	16.12	16.23	16.27	18
		1	104	15.98	16.21	16.20	18
		50	0	16.14	15.83	15.90	18
		50	28	16.32	16.12	16.14	18
		50	56	16.18	16.08	16.09	18
		100	0	16.30	16.07	16.14	18
	DFT-s-OFDM 16QAM	1	1	16.18	16.22	16.08	18
	DFT-s-OFDM 64QAM	1	1	16.06	15.98	16.16	18
	DFT-s-OFDM 256QAM	1	1	16.28	16.18	16.15	18
BW [MHz]	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	16.07	16.33	15.82	18
BW [MHz]	MCS Index	Channel		516500	519000	521500	Max. Tune-up
		Frequence (MHz)		2582.5	2595	2607.5	
25M	DFT-s-OFDM QPSK	1	1	15.79	15.87	16.02	18
BW [MHz]	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	16.19	15.72	16.17	18
BW [MHz]	MCS Index	Channel		515500	519000	522500	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	DFT-s-OFDM QPSK	1	1	16.44	16.27	16.22	18
BW [MHz]	MCS Index	Channel		515000	519000	523000	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	DFT-s-OFDM QPSK	1	1	16.08	15.77	15.76	18

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n41 (SCS 30 kHz)_Ant0							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	21.56	21.72	21.62	23
		1	137	21.65	21.64	21.64	23
		1	271	21.71	21.48	21.49	23
		135	0	21.64	21.51	21.61	23
		135	69	21.56	21.65	21.61	23
		135	138	21.55	21.42	21.54	23
		270	0	21.56	21.60	21.55	23
	DFT-s-OFDM QPSK	1	1	**21.77**	21.66	21.57	23
		1	137	21.38	21.57	21.54	23
		1	271	21.37	21.49	21.39	23
		135	0	21.64	21.44	21.51	23
		135	69	21.68	21.61	21.61	23
		135	138	21.47	21.38	21.45	23
		270	0	21.56	21.53	21.55	23
	DFT-s-OFDM 16QAM	1	1	21.44	21.38	21.33	23
	DFT-s-OFDM 64QAM	1	1	21.10	21.21	21.19	23
	DFT-s-OFDM 256QAM	1	1	18.89	19.08	18.90	20.5
BW [MHz]	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	21.35	21.54	21.51	23
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	21.52	21.62	21.58	23
BW [MHz]	MCS Index	Channel		506202	518598	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	21.57	21.36	21.39	23
BW [MHz]	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	21.59	21.38	21.57	23
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	21.46	21.60	21.49	23
BW [MHz]	MCS Index	Channel		503700	518598	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	21.53	21.27	21.43	23
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	21.64	21.56	21.56	23
BW [MHz]	MCS Index	Channel		502704	518598	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	21.62	21.49	21.46	23
BW [MHz]	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	21.37	21.42	21.52	23
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	21.58	21.37	21.36	23
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	21.54	21.55	21.55	23
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	21.39	21.28	21.21	23
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	21.67	21.36	21.40	23

n41 (SCS 30 kHz)_Ant2							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	19.92	19.83	20.10	20.5
		1	137	19.91	20.02	19.83	20.5
		1	271	20.10	19.91	19.71	20.5
		135	0	20.09	19.70	19.78	20.5
		135	69	20.13	20.04	19.92	20.5
		135	138	19.89	20.06	20.00	20.5
		270	0	20.05	19.97	20.02	20.5
	DFT-s-OFDM QPSK	1	1	**20.16**	20.07	20.12	20.5
		1	137	20.00	20.01	20.04	20.5
		1	271	20.05	20.04	20.04	20.5
		135	0	19.93	19.85	20.09	20.5
		135	69	20.14	20.00	20.06	20.5
		135	138	19.91	19.98	20.07	20.5
		270	0	20.02	19.85	19.99	20.5
	DFT-s-OFDM 16QAM	1	1	19.98	19.86	19.82	20.5
	DFT-s-OFDM 64QAM	1	1	19.93	19.91	20.03	20.5
	DFT-s-OFDM 256QAM	1	1	19.99	19.99	19.86	20.5
BW [MHz]	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	19.86	19.88	19.81	20.5
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	19.98	19.77	19.58	20.5
BW [MHz]	MCS Index	Channel		506202	518598	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	20.12	19.95	19.79	20.5
BW [MHz]	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	19.94	19.85	19.98	20.5
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	20.10	19.94	20.09	20.5
BW [MHz]	MCS Index	Channel		503700	518598	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	20.04	20.01	19.91	20.5
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	19.86	19.75	19.99	20.5
BW [MHz]	MCS Index	Channel		502704	518598	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	20.01	19.92	19.99	20.5
BW [MHz]	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	19.83	19.90	19.97	20.5
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	19.78	19.82	19.91	20.5
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	19.86	19.88	19.72	20.5
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	19.84	19.68	20.05	20.5
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	19.74	19.91	19.92	20.5

n41 (SCS 30 kHz)_Ant3							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	19.67	19.66	19.84	20.5
		1	137	19.56	19.88	19.52	23
		1	271	19.79	19.65	19.41	23
		135	0	20.00	19.52	19.44	23
		135	69	19.87	19.71	19.66	23
		135	138	19.49	19.58	19.62	23
		270	0	19.82	19.74	19.78	23
	DFT-s-OFDM QPSK	1	1	19.91	**20.07**	19.96	23
		1	137	19.75	19.90	19.77	23
		1	271	19.90	19.67	19.86	23
		135	0	19.69	19.69	19.62	23
		135	69	19.81	19.89	19.66	23
		135	138	19.70	19.57	19.71	23
		270	0	19.72	19.83	19.76	23
	DFT-s-OFDM 16QAM	1	1	19.72	19.53	19.57	23
	DFT-s-OFDM 64QAM	1	1	19.64	19.51	19.73	23
	DFT-s-OFDM 256QAM	1	1	19.82	19.78	19.59	23
BW [MHz]	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	19.71	19.52	19.32	23
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	19.81	19.63	19.65	23
BW [MHz]	MCS Index	Channel		506202	518598	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	19.42	19.45	19.48	23
BW [MHz]	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	19.67	19.81	19.76	23
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	19.76	19.53	19.84	23
BW [MHz]	MCS Index	Channel		503700	518598	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	19.64	19.62	19.60	23
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	19.69	19.56	19.60	23
BW [MHz]	MCS Index	Channel		502704	518598	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	19.71	19.71	19.64	23
BW [MHz]	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	19.66	19.44	19.43	23
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	19.55	19.41	19.64	23
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	19.81	19.66	19.49	23
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	19.66	19.65	19.82	23
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	19.76	19.51	19.29	23

n41 (SCS 30 kHz)_Ant4							
BW [MHz]	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	16.24	16.25	16.55	17.5
		1	137	16.13	16.38	16.15	20.5
		1	271	16.47	16.20	16.33	20.5
		135	0	16.42	16.42	16.42	20.5
		135	69	16.56	16.22	16.29	20.5
		135	138	16.13	16.18	16.15	20.5
		270	0	16.25	16.40	16.35	20.5
	DFT-s-OFDM QPSK	1	1	**16.64**	16.53	16.57	20.5
		1	137	16.48	16.48	16.33	20.5
		1	271	16.48	16.32	16.45	20.5
		135	0	16.24	16.23	16.32	20.5
		135	69	16.54	16.49	16.40	20.5
		135	138	16.31	16.13	16.27	20.5
		270	0	16.53	16.59	16.41	20.5
	DFT-s-OFDM 16QAM	1	1	16.29	16.39	16.35	20.5
	DFT-s-OFDM 64QAM	1	1	16.25	16.45	16.24	20.5
	DFT-s-OFDM 256QAM	1	1	16.29	16.42	16.13	20.5
BW [MHz]	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	16.15	16.11	16.49	20.5
BW [MHz]	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	16.39	16.06	16.29	20.5
BW [MHz]	MCS Index	Channel		506202	518598	531000	Max. Tune-up
		Frequence (MHz)		2531.01	2592.99	2655	
70M	DFT-s-OFDM QPSK	1	1	16.35	16.36	16.38	20.5
BW [MHz]	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	16.43	16.14	16.22	20.5
BW [MHz]	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	16.10	16.37	16.21	20.5
BW [MHz]	MCS Index	Channel		503700	518598	533496	Max. Tune-up
		Frequence (MHz)		2518.5	2592.99	2667.48	
45M	DFT-s-OFDM QPSK	1	1	16.33	16.37	16.27	20.5
BW [MHz]	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	16.45	16.22	16.39	20.5
BW [MHz]	MCS Index	Channel		502704	518598	534498	Max. Tune-up
		Frequence (MHz)		2513.52	2592.99	2672.49	
35M	DFT-s-OFDM QPSK	1	1	16.19	16.17	16.22	20.5
BW [MHz]	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	16.18	16.02	16.22	20.5
BW [MHz]	MCS Index	Channel		501702	518598	535500	Max. Tune-up
		Frequence (MHz)		2508.51	2592.99	2677.5	
25M	DFT-s-OFDM QPSK	1	1	16.25	16.25	16.32	20.5
BW [MHz]	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	16.24	16.33	16.11	20.5
BW [MHz]	MCS Index	Channel		500700	518598	536496	Max. Tune-up
		Frequence (MHz)		2503.5	2592.99	2682.48	
15M	DFT-s-OFDM QPSK	1	1	16.11	16.22	16.43	20.5
BW [MHz]	MCS Index	Channel		500202	518598	537000	Max. Tune-up
		Frequence (MHz)		2501.01	2592.99	2685	
10M	DFT-s-OFDM QPSK	1	1	16.51	16.07	16.20	20.5

WLAN/BT Default

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0	7.32	8.00
		2440	19	8.38	9.00
		2480	39	6.73	8.00
	2M	2404	1	7.31	8.00
		2440	19	8.4	9.00
		2478	38	6.5	8.00
BR/EDR	GFSK	2402	0	**14.72**	16.00
		2441	39	14.31	15.00
		2480	78	13.44	14.00
	DQPSK	2402	0	12.06	13.00
		2441	39	11.57	13.00
		2480	78	10.49	11.00
	8DPSK	2402	0	12.36	13.00
		2441	39	11.63	13.00
		2480	78	10.81	12.00

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0	7.23	8.00
		2440	19	7.75	9.00
		2480	39	6.7	8.00
	2M	2404	1	7.37	8.00
		2440	19	7.71	9.00
		2478	38	6.65	8.00
BR/EDR	GFSK	2402	0	**15.33**	16.00
		2441	39	15.01	16.00
		2480	78	14.89	16.00
	DQPSK	2402	0	12.94	14.00
		2441	39	12.54	14.00
		2480	78	12.11	13.00
	8DPSK	2402	0	12.42	13.00
		2441	39	12.11	13.00
		2480	78	11.71	13.00

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0	/	/
		2440	19	/	/
		2480	39	/	/
	2M	2404	1	/	/
		2440	19	/	/
		2478	38	/	/
BR/EDR	GFSK	2402	0	18.97	20.00
		2441	39	**19.03**	20.00
		2480	78	18.06	19.00
	DQPSK	2402	0	16.08	17.00
		2441	39	16.21	17.00
		2480	78	15.21	16.00
	8DPSK	2402	0	16.07	17.00
		2441	39	16.08	17.00
		2480	78	15.18	16.00

WLAN2.4G Ant11					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1	17.18	18.00
		2437	6	17.35	18.00
		2462	11	17.46	18.00
802.11g	NA	2412	1	17.53	19.00
		2437	6	17.41	18.00
		2462	11	17.52	19.00
802.11n HT20	NA	2412	1	17.52	19.00
		2437	6	17.36	18.00
		2462	11	17.50	19.00
802.11n HT40	NA	2422	3	16.45	17.00
		2437	6	16.35	17.00
		2452	9	16.21	17.00
802.11ax HE20	26T+0	2412	1	16.39	17.00
		2437	6	16.06	17.00
		2462	11	16.40	17.00
802.11ax HE20	26T+4	2412	1	16.82	18.00
		2437	6	16.23	17.00
		2462	11	16.45	17.00
802.11ax HE20	26T+8	2412	1	17.42	18.00
		2437	6	16.44	17.00
		2462	11	16.42	17.00
802.11ax HE20	52T+37	2412	1	16.12	17.00
		2437	6	16.11	17.00
		2462	11	16.15	17.00
802.11ax HE20	52T+39	2412	1	16.91	18.00
		2437	6	16.22	17.00
		2462	11	16.80	18.00
802.11ax HE20	52T+40	2412	1	17.53	19.00
		2437	6	16.01	17.00
		2462	11	16.57	18.00
802.11ax HE20	106T+53	2412	1	17.81	19.00
		2437	6	17.95	19.00
		2462	11	17.91	19.00
802.11ax HE20	106T+54	2412	1	**17.99**	19.00
		2437	6	17.92	19.00
		2462	11	17.95	19.00
802.11ax HE20	242T+61	2412	1	17.63	19.00
		2437	6	17.56	19.00
		2462	11	17.56	19.00
802.11ax HE40	26T+0	2422	3	17.15	18.00
		2437	6	17.18	18.00
		2452	9	17.09	18.00
802.11ax HE40	26T+10	2422	3	17.23	18.00
		2437	6	16.91	18.00
		2452	9	16.99	18.00
802.11ax HE40	26T+17	2422	3	16.98	18.00
		2437	6	17.15	18.00
		2452	9	17.30	18.00
802.11ax HE40	52T+37	2422	3	17.13	18.00
		2437	6	17.15	18.00
		2452	9	17.15	18.00
802.11ax HE40	52T+41	2422	3	17.16	18.00
		2437	6	17.15	18.00
		2452	9	17.16	18.00
802.11ax HE40	52T+44	2422	3	17.16	18.00
		2437	6	17.16	18.00
		2452	9	17.35	18.00
802.11ax HE40	106T+53	2422	3	17.65	19.00
		2437	6	17.25	18.00
		2452	9	17.01	18.00
802.11ax HE40	106T+55	2422	3	17.27	18.00
		2437	6	17.13	18.00
		2452	9	17.14	18.00
802.11ax HE40	106T+56	2422	3	17.32	18.00
		2437	6	17.28	18.00
		2452	9	17.48	18.00
802.11ax HE40	242T+61	2422	3	16.90	18.00
		2437	6	16.88	18.00
		2452	9	16.77	18.00
802.11ax HE40	242T+62	2422	3	16.90	18.00
		2437	6	16.79	18.00
		2452	9	16.93	18.00
802.11ax HE40	484T+65	2422	3	16.21	17.00
		2437	6	16.13	17.00
		2452	9	15.89	17.00
802.11be HE20	26T+0	2412	1	16.23	17.00
		2437	6	17.03	18.00
		2462	11	16.22	17.00
802.11be HE20	26T+4	2412	1	16.60	18.00
		2437	6	16.01	17.00
		2462	11	16.44	17.00
802.11be HE20	26T+8	2412	1	17.38	18.00
		2437	6	16.18	17.00
		2462	11	16.46	17.00
802.11be HE20	52T+37	2412	1	16.11	17.00
		2437	6	16.11	17.00
		2462	11	16.25	17.00
802.11be HE20	52T+39	2412	1	16.19	17.00
		2437	6	16.30	17.00
		2462	11	16.26	17.00
802.11be HE20	52T+40	2412	1	17.69	19.00
		2437	6	17.26	18.00
		2462	11	16.57	18.00
802.11be HE20	106T+53	2412	1	17.84	19.00
		2437	6	17.96	19.00
		2462	11	17.83	19.00
802.11be HE20	106T+54	2412	1	17.78	19.00
		2437	6	17.73	19.00
		2462	11	17.72	19.00
802.11be HE20	242T+61	2412	1	17.91	19.00
		2437	6	17.61	19.00
		2462	11	17.82	19.00
802.11be HE20	26+106	2412	1	17.42	18.00
		2437	6	17.46	18.00
		2462	11	17.45	18.00
802.11be HE40	26T+0	2422	3	17.45	18.00
		2437	6	17.62	19.00
		2452	9	17.46	18.00
802.11be HE40	26T+10	2422	3	17.13	18.00
		2437	6	17.02	18.00
		2452	9	17.11	18.00
802.11be HE40	26T+17	2422	3	16.92	18.00
		2437	6	16.93	18.00
		2452	9	17.00	18.00
802.11be HE40	52T+37	2422	3	17.22	18.00
		2437	6	17.20	18.00
		2452	9	17.24	18.00
802.11be HE40	52T+41	2422	3	17.30	18.00
		2437	6	17.38	18.00
		2452	9	17.33	18.00
802.11be HE40	52T+44	2422	3	17.23	18.00
		2437	6	16.15	17.00
		2452	9	16.35	17.00
802.11be HE40	106T+53	2422	3	17.57	19.00
		2437	6	17.04	18.00
		2452	9	16.83	18.00
802.11be HE40	106T+55	2422	3	17.08	18.00
		2437	6	17.92	19.00
		2452	9	17.52	19.00
802.11be HE40	106T+56	2422	3	17.85	19.00
		2437	6	17.53	19.00
		2452	9	17.67	19.00
802.11be HE40	242T+61	2422	3	16.83	18.00
		2437	6	16.96	18.00
		2452	9	16.90	18.00
802.11be HE40	242T+62	2422	3	16.87	18.00
		2437	6	16.96	18.00
		2452	9	16.97	18.00
802.11be HE40	484T+65	2422	3	16.19	17.00
		2437	6	16.07	17.00
		2452	9	15.87	17.00
802.11be HE40	26+106	2422	3	16.95	18.00

WLAN2.4G Ant9					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1	16.52	18.00
		2437	6	16.81	18.00
		2462	11	16.77	18.00
802.11g	NA	2412	1	17.12	18.00
		2437	6	17.25	18.00
		2462	11	17.25	18.00
802.11n HT20	NA	2412	1	16.97	18.00
		2437	6	17.12	18.00
		2462	11	17.11	18.00
802.11n HT40	NA	2422	3	16.27	17.00
		2437	6	16.05	17.00
		2452	9	16.18	17.00
802.11ax HE20	26T+0	2412	1	16.24	17.00
		2437	6	16.15	17.00
		2462	11	16.29	17.00
802.11ax HE20	26T+4	2412	1	16.92	18.00
		2437	6	16.63	18.00
		2462	11	16.44	17.00
802.11ax HE20	26T+8	2412	1	17.37	18.00
		2437	6	16.54	18.00
		2462	11	16.13	17.00
802.11ax HE20	52T+37	2412	1	16.59	18.00
		2437	6	16.45	17.00
		2462	11	16.46	17.00
802.11ax HE20	52T+39	2412	1	16.83	18.00
		2437	6	16.63	18.00
		2462	11	16.58	18.00
802.11ax HE20	52T+40	2412	1	17.59	19.00
		2437	6	16.55	18.00
		2462	11	16.25	17.00
802.11ax HE20	106T+53	2412	1	17.87	19.00
		2437	6	17.85	19.00
		2462	11	17.83	19.00
802.11ax HE20	106T+54	2412	1	**17.95**	19.00
		2437	6	17.85	19.00
		2462	11	17.83	19.00
802.11ax HE20	242T+61	2412	1	17.15	18.00
		2437	6	17.35	18.00
		2462	11	17.35	18.00
802.11ax HE40	26T+0	2422	3	16.93	18.00
		2437	6	16.92	18.00
		2452	9	16.96	18.00
802.11ax HE40	26T+10	2422	3	16.94	18.00
		2437	6	16.78	18.00
		2452	9	16.83	18.00
802.11ax HE40	26T+17	2422	3	16.88	18.00
		2437	6	16.97	18.00
		2452	9	17.09	18.00
802.11ax HE40	52T+37	2422	3	16.82	18.00
		2437	6	16.83	18.00
		2452	9	16.84	18.00
802.11ax HE40	52T+41	2422	3	16.85	18.00
		2437	6	16.83	18.00
		2452	9	16.85	18.00
802.11ax HE40	52T+44	2422	3	16.84	18.00
		2437	6	16.85	18.00
		2452	9	16.83	18.00
802.11ax HE40	106T+53	2422	3	17.51	19.00
		2437	6	17.70	19.00
		2452	9	16.75	18.00
802.11ax HE40	106T+55	2422	3	17.90	19.00
		2437	6	16.86	18.00
		2452	9	16.87	18.00
802.11ax HE40	106T+56	2422	3	17.00	18.00
		2437	6	16.91	18.00
		2452	9	17.03	18.00
802.11ax HE40	242T+61	2422	3	16.79	18.00
		2437	6	16.91	18.00
		2452	9	16.87	18.00
802.11ax HE40	242T+62	2422	3	16.92	18.00
		2437	6	16.88	18.00
		2452	9	16.76	18.00
802.11ax HE40	484T+65	2422	3	15.96	17.00
		2437	6	15.78	17.00
		2452	9	15.94	17.00
802.11be HE20	26T+0	2412	1	16.57	18.00
		2437	6	16.59	18.00
		2462	11	16.38	17.00
802.11be HE20	26T+4	2412	1	16.81	18.00
		2437	6	16.36	17.00
		2462	11	16.41	17.00
802.11be HE20	26T+8	2412	1	16.98	18.00
		2437	6	16.99	18.00
		2462	11	16.07	17.00
802.11be HE20	52T+37	2412	1	16.64	18.00
		2437	6	16.61	18.00
		2462	11	16.42	17.00
802.11be HE20	52T+39	2412	1	16.68	18.00
		2437	6	16.42	17.00
		2462	11	16.69	18.00
802.11be HE20	52T+40	2412	1	17.35	18.00
		2437	6	16.40	17.00
		2462	11	16.09	17.00
802.11be HE20	106T+53	2412	1	17.85	19.00
		2437	6	17.87	19.00
		2462	11	17.76	19.00
802.11be HE20	106T+54	2412	1	17.72	19.00
		2437	6	17.64	19.00
		2462	11	17.53	19.00
802.11be HE20	242T+61	2412	1	17.74	19.00
		2437	6	17.37	18.00
		2462	11	17.38	18.00
802.11be HE20	26+106	2412	1	16.95	18.00
		2437	6	17.05	18.00
		2462	11	16.94	18.00
802.11be HE40	26T+0	2422	3	16.95	18.00
		2437	6	17.37	18.00
		2452	9	16.95	18.00
802.11be HE40	26T+10	2422	3	16.95	18.00
		2437	6	16.85	18.00
		2452	9	16.96	18.00
802.11be HE40	26T+17	2422	3	17.29	18.00
		2437	6	17.22	18.00
		2452	9	17.33	18.00
802.11be HE40	52T+37	2422	3	16.10	17.00
		2437	6	16.96	18.00
		2452	9	17.01	18.00
802.11be HE40	52T+41	2422	3	16.26	17.00
		2437	6	17.04	18.00
		2452	9	17.15	18.00
802.11be HE40	52T+44	2422	3	16.18	17.00
		2437	6	16.05	17.00
		2452	9	16.18	17.00
802.11be HE40	106T+53	2422	3	17.52	19.00
		2437	6	17.62	19.00
		2452	9	16.42	17.00
802.11be HE40	106T+55	2422	3	17.68	19.00
		2437	6	17.54	19.00
		2452	9	17.40	18.00
802.11be HE40	106T+56	2422	3	17.63	19.00
		2437	6	17.32	18.00
		2452	9	17.41	18.00
802.11be HE40	242T+61	2422	3	16.52	18.00
		2437	6	16.71	18.00
		2452	9	16.93	18.00
802.11be HE40	242T+62	2422	3	16.81	18.00
		2437	6	16.73	18.00
		2452	9	16.89	18.00
802.11be HE40	484T+65	2422	3	15.91	17.00
		2437	6	15.74	17.00
		2452	9	15.94	17.00
802.11be HE40	26+106	2422	3	16.52	18.00

WLAN2.4G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1	/	/
		2437	6	/	/
		2462	11	/	/
802.11g	NA	2412	1	/	/
		2437	6	/	/
		2462	11	/	/
802.11n HT20	NA	2412	1	20.26	21.00
		2437	6	20.25	21.00
		2462	11	20.32	21.00
802.11n HT40	NA	2422	3	19.37	20.00
		2437	6	19.21	20.00
		2452	9	19.21	20.00
802.11ax HE20	26T+0	2412	1	19.33	20.00
		2437	6	19.12	20.00
		2462	11	19.36	20.00
802.11ax HE20	26T+4	2412	1	19.88	21.00
		2437	6	19.44	20.00
		2462	11	19.46	20.00
802.11ax HE20	26T+8	2412	1	20.41	21.00
		2437	6	19.50	21.00
		2462	11	19.29	20.00
802.11ax HE20	52T+37	2412	1	19.38	20.00
		2437	6	19.30	20.00
		2462	11	19.32	20.00
802.11ax HE20	52T+39	2412	1	19.88	21.00
		2437	6	19.44	20.00
		2462	11	19.70	21.00
802.11ax HE20	52T+40	2412	1	20.57	22.00
		2437	6	19.30	20.00
		2462	11	19.42	20.00
802.11ax HE20	106T+53	2412	1	20.85	22.00
		2437	6	20.91	22.00
		2462	11	20.88	22.00
802.11ax HE20	106T+54	2412	1	**20.98**	22.00
		2437	6	20.90	22.00
		2462	11	20.90	22.00
802.11ax HE20	242T+61	2412	1	20.41	21.00
		2437	6	20.46	21.00
		2462	11	20.46	21.00
802.11ax HE40	26T+0	2422	3	20.05	21.00
		2437	6	20.06	21.00
		2452	9	20.03	21.00
802.11ax HE40	26T+10	2422	3	20.10	21.00
		2437	6	19.86	21.00
		2452	9	19.92	21.00
802.11ax HE40	26T+17	2422	3	19.94	21.00
		2437	6	20.07	21.00
		2452	9	20.21	21.00
802.11ax HE40	52T+37	2422	3	19.99	21.00
		2437	6	20.00	21.00
		2452	9	20.01	21.00
802.11ax HE40	52T+41	2422	3	20.02	21.00
		2437	6	20.00	21.00
		2452	9	20.02	21.00
802.11ax HE40	52T+44	2422	3	20.01	21.00
		2437	6	20.02	21.00
		2452	9	20.11	21.00
802.11ax HE40	106T+53	2422	3	20.59	22.00
		2437	6	20.49	21.00
		2452	9	19.89	21.00
802.11ax HE40	106T+55	2422	3	20.61	22.00
		2437	6	20.01	21.00
		2452	9	20.02	21.00
802.11ax HE40	106T+56	2422	3	20.17	21.00
		2437	6	20.11	21.00
		2452	9	20.27	21.00
802.11ax HE40	242T+61	2422	3	19.86	21.00
		2437	6	19.91	21.00
		2452	9	19.83	21.00
802.11ax HE40	242T+62	2422	3	19.92	21.00
		2437	6	19.85	21.00
		2452	9	19.86	21.00
802.11ax HE40	484T+65	2422	3	19.10	20.00
		2437	6	18.97	20.00
		2452	9	18.92	20.00
802.11be HE20	26T+0	2412	1	19.41	20.00
		2437	6	19.83	21.00
		2462	11	19.31	20.00
802.11be HE20	26T+4	2412	1	19.72	21.00
		2437	6	19.20	20.00
		2462	11	19.44	20.00
802.11be HE20	26T+8	2412	1	20.19	21.00
		2437	6	19.61	21.00
		2462	11	19.28	20.00
802.11be HE20	52T+37	2412	1	19.39	20.00
		2437	6	19.38	20.00
		2462	11	19.35	20.00
802.11be HE20	52T+39	2412	1	19.45	20.00
		2437	6	19.37	20.00
		2462	11	19.49	20.00
802.11be HE20	52T+40	2412	1	20.53	22.00
		2437	6	19.86	21.00
		2462	11	19.35	20.00
802.11be HE20	106T+53	2412	1	20.86	22.00
		2437	6	20.93	22.00
		2462	11	20.81	22.00
802.11be HE20	106T+54	2412	1	20.76	22.00
		2437	6	20.70	22.00
		2462	11	20.64	22.00
802.11be HE20	242T+61	2412	1	20.84	22.00
		2437	6	20.51	22.00
		2462	11	20.52	22.00
802.11be HE20	26+106	2412	1	20.20	21.00
		2437	6	20.27	21.00
		2462	11	20.21	21.00
802.11be HE40	26T+0	2422	3	20.22	21.00
		2437	6	20.51	22.00
		2452	9	20.22	21.00
802.11be HE40	26T+10	2422	3	20.05	21.00
		2437	6	19.95	21.00
		2452	9	20.05	21.00
802.11be HE40	26T+17	2422	3	20.12	21.00
		2437	6	20.09	21.00
		2452	9	20.18	21.00
802.11be HE40	52T+37	2422	3	19.70	21.00
		2437	6	20.09	21.00
		2452	9	20.13	21.00
802.11be HE40	52T+41	2422	3	19.82	21.00
		2437	6	20.22	21.00
		2452	9	20.25	21.00
802.11be HE40	52T+44	2422	3	19.74	21.00
		2437	6	19.11	20.00
		2452	9	19.28	20.00
802.11be HE40	106T+53	2422	3	20.55	22.00
		2437	6	20.35	21.00
		2452	9	19.64	21.00
802.11be HE40	106T+55	2422	3	20.40	21.00
		2437	6	20.74	22.00
		2452	9	20.47	21.00
802.11be HE40	106T+56	2422	3	20.75	22.00
		2437	6	20.44	21.00
		2452	9	20.55	22.00
802.11be HE40	242T+61	2422	3	19.69	21.00
		2437	6	19.85	21.00
		2452	9	19.93	21.00
802.11be HE40	242T+62	2422	3	19.85	21.00
		2437	6	19.86	21.00
		2452	9	19.94	21.00
802.11be HE40	484T+65	2422	3	19.06	20.00
		2437	6	18.92	20.00
		2452	9	18.91	20.00
802.11be HE40	26+106	2422	3	19.75	21.00

WLAN Default

WLAN5.2G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36	**19.01**	20.00
		5220	44	18.71	20.00
		5240	48	18.24	19.00
802.11n HT20	NA	5180	36	18.58	20.00
		5200	40	18.62	20.00
		5220	44	17.96	19.00
		5240	48	17.72	19.00
802.11ac VHT20	NA	5180	36	17.96	19.00
		5220	44	17.56	19.00
		5240	48	17.71	19.00
802.11n HT40	NA	5190	38	16.75	18.00
		5230	46	16.85	18.00
802.11ac VHT40	NA	5190	38	16.59	18.00
		5230	46	16.71	18.00
802.11ac VHT80	NA	5210	42	16.53	18.00
802.11ac VHT160	NA	5250	50	14.55	16.00
802.11ax HE20	26T 0	5180	36	14.31	15.00
		5220	44	14.38	15.00
		5240	48	14.16	15.00
802.11ax HE20	26T 4	5180	36	13.72	15.00
		5220	44	13.90	15.00
		5240	48	13.56	15.00
802.11ax HE20	26T 8	5180	36	14.74	16.00
		5220	44	14.81	16.00
		5240	48	14.68	16.00
802.11ax HE20	52T 37	5180	36	17.12	18.00
		5220	44	17.14	18.00
		5240	48	17.34	18.00
802.11ax HE20	52T 39	5180	36	17.35	18.00
		5220	44	16.63	18.00
		5240	48	16.74	18.00
802.11ax HE20	52T 40	5180	36	17.48	18.00
		5220	44	17.46	18.00
		5240	48	17.60	19.00
802.11ax HE20	106T 53	5180	36	17.93	19.00
		5220	44	17.92	19.00
		5240	48	18.06	19.00
802.11ax HE20	106T 54	5180	36	18.36	19.00
		5220	44	18.23	19.00
		5240	48	18.42	19.00
802.11ax HE20	242T 61	5180	36	18.19	19.00
		5220	44	18.24	19.00
		5240	48	18.32	19.00
802.11be HE20	26T 0	5180	36	9.29	10.00
		5220	44	9.18	10.00
		5240	48	9.23	10.00
802.11be HE20	26T 4	5180	36	9.40	10.00
		5220	44	9.41	10.00
		5240	48	8.62	10.00
802.11be HE20	26T 8	5180	36	8.80	10.00
		5220	44	9.70	11.00
		5240	48	9.69	11.00
802.11be HE20	52T 37	5180	36	17.35	18.00
		5220	44	17.05	18.00
		5240	48	17.05	18.00
802.11be HE20	52T 39	5180	36	17.07	18.00
		5220	44	16.58	18.00
		5240	48	16.63	18.00
802.11be HE20	52T 40	5180	36	16.64	18.00
		5220	44	17.40	18.00
		5240	48	17.53	19.00
802.11be HE20	106T 53	5180	36	18.04	19.00
		5220	44	18.19	19.00
		5240	48	18.20	19.00
802.11be HE20	106T 54	5180	36	18.41	19.00
		5220	44	18.28	19.00
		5240	48	18.34	19.00
802.11be HE20	242T 61	5180	36	18.36	19.00
		5220	44	18.06	19.00
		5240	48	18.03	19.00
802.11ax HE40	26T 0	5190	38	13.72	15.00
		5230	46	13.75	15.00
802.11ax HE40	26T 10	5190	38	13.90	15.00
		5230	46	13.90	15.00
802.11ax HE40	26T 17	5190	38	13.90	15.00
		5230	46	13.91	15.00
802.11ax HE40	52T 37	5190	38	16.25	17.00
		5230	46	16.40	17.00
802.11ax HE40	52T 41	5190	38	16.18	17.00
		5230	46	16.30	17.00
802.11ax HE40	52T 44	5190	38	15.52	17.00
		5230	46	15.66	17.00
802.11ax HE40	106T 53	5190	38	18.04	19.00
		5230	46	18.25	19.00
802.11ax HE40	106T 55	5190	38	17.37	18.00
		5230	46	17.42	18.00
802.11ax HE40	106T 56	5190	38	17.47	18.00
		5230	46	17.58	19.00
802.11ax HE40	242T 61	5190	38	16.69	18.00
		5230	46	16.52	18.00
802.11ax HE40	242T 62	5190	38	16.53	18.00
		5230	46	16.53	18.00
802.11ax HE40	484T 65	5190	38	15.76	17.00
		5230	46	15.77	17.00
802.11ax HE40	26T 0	5190	38	13.72	15.00
		5230	46	13.73	15.00
802.11ax HE40	26T 10	5190	38	13.94	15.00
		5230	46	13.95	15.00
802.11ax HE40	26T 4	5190	38	14.02	15.00
		5230	46	14.15	15.00
802.11ax HE40	26T 17	5190	38	14.17	15.00
		5230	46	14.23	15.00
802.11ax HE40	26T 8	5190	38	12.74	14.00
		5230	46	12.83	14.00
802.11ax HE40	52T 37	5190	38	16.02	17.00
		5230	46	16.04	17.00
802.11ax HE40	52T 39	5190	38	16.23	17.00
		5230	46	16.54	18.00
802.11ax HE40	52T 41	5190	38	16.70	18.00
		5230	46	16.75	18.00
802.11ax HE40	52T 40	5190	38	15.64	17.00
		5230	46	15.75	17.00
802.11ax HE40	52T 44	5190	38	15.93	17.00
		5230	46	16.03	17.00
802.11ax HE40	106T 53	5190	38	17.75	19.00
		5230	46	17.65	19.00
802.11ax HE40	106T 54	5190	38	17.85	19.00
		5230	46	17.70	19.00
802.11ax HE40	106T 55	5190	38	17.13	18.00
		5230	46	17.65	19.00
802.11ax HE40	106T 56	5190	38	17.72	19.00
		5230	46	17.65	19.00
802.11ax HE40	242T 61	5190	38	16.72	18.00
		5230	46	16.89	18.00
802.11ax HE40	242T 62	5190	38	16.85	18.00
		5230	46	16.93	18.00
802.11ax HE40	484T 65	5190	38	15.92	17.00
		5230	46	15.98	17.00
802.11ax HE80	26T 0	5210	42	13.26	14.00
802.11ax HE80	26T 18	5210	42	13.47	14.00
802.11ax HE80	26T 36	5210	42	13.47	14.00
802.11ax HE80	52T 37	5210	42	16.68	18.00
802.11ax HE80	52T 45	5210	42	16.78	18.00
802.11ax HE80	52T 52	5210	42	16.80	18.00
802.11ax HE80	106T 53	5210	42	17.74	19.00
802.11ax HE80	106T 57	5210	42	17.48	18.00
802.11ax HE80	106T 60	5210	42	17.48	18.00
802.11ax HE80	242T 61	5210	42	15.43	16.00
802.11ax HE80	242T 63	5210	42	15.44	16.00
802.11ax HE80	242T 64	5210	42	15.83	17.00
802.11ax HE80	484T 65	5210	42	16.00	17.00
802.11ax HE80	484T 66	5210	42	15.46	16.00
802.11ax HE80	996T 67	5210	42	15.33	16.00
802.11be HE80	26T 0	5210	42	8.39	9.00
802.11be HE80	26T 18	5210	42	8.45	9.00
802.11be HE80	26T 4	5210	42	8.75	10.00
802.11be HE80	26T 36	5210	42	8.76	10.00
802.11be HE80	26T 8	5210	42	8.15	9.00
802.11be HE80	52T 37	5210	42	16.65	18.00
802.11be HE80	52T 39	5210	42	16.85	18.00
802.11be HE80	52T 45	5210	42	17.04	18.00
802.11be HE80	52T 40	5210	42	16.41	17.00
802.11be HE80	52T 52	5210	42	16.60	18.00
802.11be HE80	106T 53	5210	42	17.89	19.00
802.11be HE80	106T 54	5210	42	17.45	18.00
802.11be HE80	106T 57	5210	42	17.54	19.00
802.11be HE80	106T 60	5210	42	17.55	19.00
802.11be HE80	242T 61	5210	42	15.38	16.00
802.11be HE80	242T 63	5210	42	15.55	17.00
802.11be HE80	242T 64	5210	42	15.55	17.00
802.11be HE80	484T 65	5210	42	15.63	17.00
802.11be HE80	484T 66	5210	42	15.46	16.00
802.11be HE80	996T 67	5210	42	15.49	16.00
802.11ax HE160	26T L	5250	50	13.02	14.00
802.11ax HE160	26T H	5250	50	12.54	14.00
802.11ax HE160	52T L	5250	50	13.40	14.00
802.11ax HE160	52T H	5250	50	13.35	14.00
802.11ax HE160	106T L	5250	50	16.86	18.00
802.11ax HE160	106T H	5250	50	17.04	18.00
802.11ax HE160	242T L	5250	50	13.75	15.00
802.11ax HE160	242T H	5250	50	13.94	15.00
802.11ax HE160	484T L	5250	50	13.73	15.00
802.11ax HE160	484T H	5250	50	13.78	15.00
802.11ax HE160	996T L	5250	50	13.85	15.00
802.11ax HE160	996T H	5250	50	13.85	15.00
802.11ax HE160	1992T LH	5250	50	13.87	15.00
802.11be HE160	26T L	5250	50	8.66	10.00
802.11be HE160	26T H	5250	50	8.81	10.00
802.11be HE160	52T L	5250	50	13.56	15.00
802.11be HE160	52T H	5250	50	13.41	14.00
802.11be HE160	106T L	5250	50	16.92	18.00
802.11be HE160	106T H	5250	50	17.04	18.00
802.11be HE160	242T L	5250	50	13.66	15.00
802.11be HE160	242T H	5250	50	13.59	15.00
802.11be HE160	484T L	5250	50	13.78	15.00
802.11be HE160	484T H	5250	50	13.86	15.00
802.11be HE160	996T L	5250	50	13.62	15.00
802.11be HE160	996T H	5250	50	13.72	15.00
802.11be HE160	1992T LH	5250	50	13.73	15.00
802.11be HE160	484+996	5250	50	13.58	15.00
802.11be HE160	242+484+996	5250	50	14.15	15.00

WLAN5.2G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36	**18.74**	20.00
		5220	44	18.26	19.00
		5240	48	17.89	19.00
802.11n HT20	NA	5180	36	18.32	19.00
		5200	40	18.45	19.00
		5220	44	18.31	19.00
		5240	48	17.38	18.00
802.11ac VHT20	NA	5180	36	17.74	19.00
		5220	44	17.17	18.00
		5240	48	17.26	18.00
802.11n HT40	NA	5190	38	16.65	18.00
		5230	46	16.65	18.00
802.11ac VHT40	NA	5190	38	16.56	18.00
		5230	46	16.56	18.00
802.11ac VHT80	NA	5210	42	16.42	17.00
802.11ac VHT160	NA	5250	50	14.75	16.00
802.11ax HE20	26T 0	5180	36	14.26	15.00
		5220	44	14.46	15.00
		5240	48	13.92	15.00
802.11ax HE20	26T 4	5180	36	14.27	15.00
		5220	44	14.44	15.00
		5240	48	14.03	15.00
802.11ax HE20	26T 8	5180	36	14.47	15.00
		5220	44	14.57	16.00
		5240	48	14.06	15.00
802.11ax HE20	52T 37	5180	36	17.03	18.00
		5220	44	17.09	18.00
		5240	48	17.22	18.00
802.11ax HE20	52T 39	5180	36	17.23	18.00
		5220	44	17.12	18.00
		5240	48	17.17	18.00
802.11ax HE20	52T 40	5180	36	17.01	18.00
		5220	44	16.75	18.00
		5240	48	16.80	18.00
802.11ax HE20	106T 53	5180	36	18.12	19.00
		5220	44	17.97	19.00
		5240	48	17.99	19.00
802.11ax HE20	106T 54	5180	36	17.99	19.00
		5220	44	17.86	19.00
		5240	48	18.01	19.00
802.11ax HE20	242T 61	5180	36	18.12	19.00
		5220	44	18.05	19.00
		5240	48	18.08	19.00
802.11be HE20	26T 0	5180	36	9.06	10.00
		5220	44	8.99	10.00
		5240	48	8.89	10.00
802.11be HE20	26T 4	5180	36	8.94	10.00
		5220	44	8.92	10.00
		5240	48	8.88	10.00
802.11be HE20	26T 8	5180	36	8.94	10.00
		5220	44	9.10	10.00
		5240	48	9.06	10.00
802.11be HE20	52T 37	5180	36	17.12	18.00
		5220	44	16.98	18.00
		5240	48	17.05	18.00
802.11be HE20	52T 39	5180	36	17.06	18.00
		5220	44	17.04	18.00
		5240	48	17.09	18.00
802.11be HE20	52T 40	5180	36	17.09	18.00
		5220	44	16.75	18.00
		5240	48	16.85	18.00
802.11be HE20	106T 53	5180	36	18.27	19.00
		5220	44	18.32	19.00
		5240	48	18.33	19.00
802.11be HE20	106T 54	5180	36	18.08	19.00
		5220	44	17.88	19.00
		5240	48	17.88	19.00
802.11be HE20	242T 61	5180	36	17.90	19.00
		5220	44	17.92	19.00
		5240	48	17.92	19.00
802.11ax HE40	26T 0	5190	38	13.85	15.00
		5230	46	14.01	15.00
802.11ax HE40	26T 10	5190	38	14.14	15.00
		5230	46	14.15	15.00
802.11ax HE40	26T 17	5190	38	14.17	15.00
		5230	46	14.19	15.00
802.11ax HE40	52T 37	5190	38	15.72	17.00
		5230	46	15.86	17.00
802.11ax HE40	52T 41	5190	38	15.75	17.00
		5230	46	15.54	17.00
802.11ax HE40	52T 44	5190	38	15.78	17.00
		5230	46	15.92	17.00
802.11ax HE40	106T 53	5190	38	17.73	19.00
		5230	46	17.80	19.00
802.11ax HE40	106T 55	5190	38	17.70	19.00
		5230	46	17.73	19.00
802.11ax HE40	106T 56	5190	38	17.43	18.00
		5230	46	17.46	18.00
802.11ax HE40	242T 61	5190	38	16.63	18.00
		5230	46	16.61	18.00
802.11ax HE40	242T 62	5190	38	16.71	18.00
		5230	46	16.72	18.00
802.11ax HE40	484T 65	5190	38	15.90	17.00
		5230	46	16.03	17.00
802.11ax HE40	26T 0	5190	38	13.88	15.00
		5230	46	13.89	15.00
802.11ax HE40	26T 10	5190	38	14.09	15.00
		5230	46	14.11	15.00
802.11ax HE40	26T 4	5190	38	13.78	15.00
		5230	46	13.97	15.00
802.11ax HE40	26T 17	5190	38	13.98	15.00
		5230	46	14.15	15.00
802.11ax HE40	26T 8	5190	38	13.35	14.00
		5230	46	13.38	14.00
802.11ax HE40	52T 37	5190	38	15.61	17.00
		5230	46	15.79	17.00
802.11ax HE40	52T 39	5190	38	16.04	17.00
		5230	46	15.85	17.00
802.11ax HE40	52T 41	5190	38	15.99	17.00
		5230	46	16.03	17.00
802.11ax HE40	52T 40	5190	38	15.62	17.00
		5230	46	15.74	17.00
802.11ax HE40	52T 44	5190	38	15.87	17.00
		5230	46	16.07	17.00
802.11ax HE40	106T 53	5190	38	17.54	19.00
		5230	46	17.65	19.00
802.11ax HE40	106T 54	5190	38	17.65	19.00
		5230	46	17.72	19.00
802.11ax HE40	106T 55	5190	38	16.98	18.00
		5230	46	17.65	19.00
802.11ax HE40	106T 56	5190	38	17.85	19.00
		5230	46	17.65	19.00
802.11ax HE40	242T 61	5190	38	16.66	18.00
		5230	46	16.74	18.00
802.11ax HE40	242T 62	5190	38	16.75	18.00
		5230	46	16.81	18.00
802.11ax HE40	484T 65	5190	38	16.03	17.00
		5230	46	16.05	17.00
802.11ax HE80	26T 0	5210	42	13.34	14.00
802.11ax HE80	26T 18	5210	42	13.48	14.00
802.11ax HE80	26T 36	5210	42	13.48	14.00
802.11ax HE80	52T 37	5210	42	16.42	17.00
802.11ax HE80	52T 45	5210	42	16.49	17.00
802.11ax HE80	52T 52	5210	42	16.51	18.00
802.11ax HE80	106T 53	5210	42	17.38	18.00
802.11ax HE80	106T 57	5210	42	17.78	19.00
802.11ax HE80	106T 60	5210	42	17.88	19.00
802.11ax HE80	242T 61	5210	42	15.48	16.00
802.11ax HE80	242T 63	5210	42	15.52	17.00
802.11ax HE80	242T 64	5210	42	15.55	17.00
802.11ax HE80	484T 65	5210	42	16.03	17.00
802.11ax HE80	484T 66	5210	42	15.60	17.00
802.11ax HE80	996T 67	5210	42	15.42	16.00
802.11be HE80	26T 0	5210	42	8.46	9.00
802.11be HE80	26T 18	5210	42	8.59	10.00
802.11be HE80	26T 4	5210	42	8.49	9.00
802.11be HE80	26T 36	5210	42	8.58	10.00
802.11be HE80	26T 8	5210	42	8.75	10.00
802.11be HE80	52T 37	5210	42	16.38	17.00
802.11be HE80	52T 39	5210	42	16.47	17.00
802.11be HE80	52T 45	5210	42	16.62	18.00
802.11be HE80	52T 40	5210	42	16.05	18.00
802.11be HE80	52T 52	5210	42	17.07	18.00
802.11be HE80	106T 53	5210	42	17.51	19.00
802.11be HE80	106T 54	5210	42	17.61	19.00
802.11be HE80	106T 57	5210	42	17.88	19.00
802.11be HE80	106T 60	5210	42	17.89	19.00
802.11be HE80	242T 61	5210	42	15.47	16.00
802.11be HE80	242T 63	5210	42	15.62	17.00
802.11be HE80	242T 64	5210	42	15.64	17.00
802.11be HE80	484T 65	5210	42	15.65	17.00
802.11be HE80	484T 66	5210	42	15.51	17.00
802.11be HE80	996T 67	5210	42	15.72	17.00
802.11ax HE160	26T L	5250	50	12.62	14.00
802.11ax HE160	26T H	5250	50	12.65	14.00
802.11ax HE160	52T L	5250	50	12.60	14.00
802.11ax HE160	52T H	5250	50	12.72	14.00
802.11ax HE160	106T L	5250	50	16.62	18.00
802.11ax HE160	106T H	5250	50	16.72	18.00
802.11ax HE160	242T L	5250	50	13.61	15.00
802.11ax HE160	242T H	5250	50	13.62	15.00
802.11ax HE160	484T L	5250	50	13.54	15.00
802.11ax HE160	484T H	5250	50	13.72	15.00
802.11ax HE160	996T L	5250	50	13.68	15.00
802.11ax HE160	996T H	5250	50	13.67	15.00
802.11ax HE160	1992T LH	5250	50	13.90	15.00
802.11be HE160	26T L	5250	50	8.77	10.00
802.11be HE160	26T H	5250	50	8.77	10.00
802.11be HE160	52T L	5250	50	12.50	14.00
802.11be HE160	52T H	5250	50	12.62	14.00
802.11be HE160	106T L	5250	50	16.68	18.00
802.11be HE160	106T H	5250	50	16.80	18.00
802.11be HE160	242T L	5250	50	13.77	15.00
802.11be HE160	242T H	5250	50	13.96	15.00
802.11be HE160	484T L	5250	50	13.61	15.00
802.11be HE160	484T H	5250	50	13.68	15.00
802.11be HE160	996T L	5250	50	13.78	15.00
802.11be HE160	996T H	5250	50	13.64	15.00
802.11be HE160	1992T LH	5250	50	13.84	15.00
802.11be HE160	484+996	5250	50	13.72	15.00
802.11be HE160	242+484+996	5250	50	14.26	15.00

WLAN5.2G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36	/	/
		5220	44	/	/
		5240	48	/	/
802.11n HT20	NA	5180	36	21.46	22.00
		5200	40	**21.55**	23.00
		5220	44	21.15	22.00
		5240	48	20.56	22.00
802.11ac VHT20	NA	5180	36	20.86	22.00
		5220	44	20.38	21.00
		5240	48	20.50	22.00
802.11n HT40	NA	5190	38	19.71	21.00
		5230	46	19.76	21.00
802.11ac VHT40	NA	5190	38	19.59	21.00
		5230	46	19.65	21.00
802.11ac VHT80	NA	5210	42	19.49	20.00
802.11ac VHT160	NA	5250	50	17.66	19.00
802.11ax HE20	26T 0	5180	36	17.30	18.00
		5220	44	17.43	18.00
		5240	48	17.05	18.00
802.11ax HE20	26T 4	5180	36	17.01	18.00
		5220	44	17.19	18.00
		5240	48	16.81	18.00
802.11ax HE20	26T 8	5180	36	17.62	19.00
		5220	44	17.70	19.00
		5240	48	17.39	18.00
802.11ax HE20	52T 37	5180	36	20.09	21.00
		5220	44	20.13	21.00
		5240	48	20.29	21.00
802.11ax HE20	52T 39	5180	36	20.30	21.00
		5220	44	19.89	21.00
		5240	48	19.97	21.00
802.11ax HE20	52T 40	5180	36	20.26	21.00
		5220	44	20.13	21.00
		5240	48	20.23	21.00
802.11ax HE20	106T 53	5180	36	21.04	22.00
		5220	44	20.96	22.00
		5240	48	21.04	22.00
802.11ax HE20	106T 54	5180	36	21.19	22.00
		5220	44	21.06	22.00
		5240	48	21.23	22.00
802.11ax HE20	242T 61	5180	36	21.17	22.00
		5220	44	21.16	22.00
		5240	48	21.21	22.00
802.11be HE20	26T 0	5180	36	12.19	13.00
		5220	44	12.10	13.00
		5240	48	12.07	13.00
802.11be HE20	26T 4	5180	36	12.19	13.00
		5220	44	12.18	13.00
		5240	48	11.76	13.00
802.11be HE20	26T 8	5180	36	11.88	13.00
		5220	44	12.42	13.00
		5240	48	12.40	13.00
802.11be HE20	52T 37	5180	36	20.25	21.00
		5220	44	20.03	21.00
		5240	48	20.06	21.00
802.11be HE20	52T 39	5180	36	20.08	21.00
		5220	44	19.83	21.00
		5240	48	19.88	21.00
802.11be HE20	52T 40	5180	36	19.88	21.00
		5220	44	20.10	21.00
		5240	48	20.21	21.00
802.11be HE20	106T 53	5180	36	21.17	22.00
		5220	44	21.27	22.00
		5240	48	21.28	22.00
802.11be HE20	106T 54	5180	36	21.26	22.00
		5220	44	21.09	22.00
		5240	48	21.13	22.00
802.11be HE20	242T 61	5180	36	21.15	22.00
		5220	44	21.00	22.00
		5240	48	20.99	22.00
802.11ax HE40	26T 0	5190	38	16.80	18.00
		5230	46	16.89	18.00
802.11ax HE40	26T 10	5190	38	17.03	18.00
		5230	46	17.04	18.00
802.11ax HE40	26T 17	5190	38	17.05	18.00
		5230	46	17.06	18.00
802.11ax HE40	52T 37	5190	38	19.00	20.00
		5230	46	19.15	20.00
802.11ax HE40	52T 41	5190	38	18.98	20.00
		5230	46	18.95	20.00
802.11ax HE40	52T 44	5190	38	18.66	20.00
		5230	46	18.80	20.00
802.11ax HE40	106T 53	5190	38	20.90	22.00
		5230	46	21.04	22.00
802.11ax HE40	106T 55	5190	38	20.55	22.00
		5230	46	20.59	22.00
802.11ax HE40	106T 56	5190	38	20.46	21.00
		5230	46	20.53	22.00

WLAN Default

WLAN5.3G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52	18.11	19.00
		5280	56	18.16	19.00
		5320	64	17.82	19.00
802.11n HT20	NA	5260	52	18.23	19.00
		5280	56	18.17	19.00
		5320	64	18.04	19.00
802.11ac VHT20	NA	5260	52	18.03	19.00
		5280	56	18.01	19.00
		5320	64	17.60	19.00
802.11n HT40	NA	5270	54	17.56	19.00
		5310	62	17.70	19.00
802.11ac VHT40	NA	5270	54	17.62	19.00
		5310	62	17.36	18.00
802.11ac VHT80	NA	5290	58	16.20	17.00
802.11ax HE20	26T 0	5260	52	9.33	10.00
		5280	56	9.59	11.00
		5320	64	9.85	11.00
802.11ax HE20	26T 4	5260	52	9.21	10.00
		5280	56	9.35	10.00
		5320	64	9.83	11.00
802.11ax HE20	26T 8	5260	52	9.94	11.00
		5280	56	9.63	11.00
		5320	64	9.86	11.00
802.11ax HE20	52T 37	5260	52	16.94	18.00
		5280	56	17.01	18.00
		5320	64	16.51	18.00
802.11ax HE20	52T 39	5260	52	16.46	17.00
		5280	56	16.47	17.00
		5320	64	17.15	18.00
802.11ax HE20	52T 40	5260	52	17.20	18.00
		5280	56	17.21	18.00
		5320	64	17.73	19.00
802.11ax HE20	106T 53	5260	52	17.62	19.00
		5280	56	17.66	19.00
		5300	60	18.28	19.00
		5320	64	18.33	19.00
802.11ax HE20	106T 54	5260	52	17.94	19.00
		5280	56	18.00	19.00
		5320	64	18.22	19.00
802.11ax HE20	242T 61	5260	52	17.77	19.00
		5280	56	17.89	19.00
		5320	64	18.10	19.00
802.11be HE20	26T 0	5260	52	9.84	11.00
		5280	56	9.93	11.00
		5320	64	10.37	11.00
802.11be HE20	26T 4	5260	52	9.10	10.00
		5280	56	9.16	10.00
		5320	64	9.55	11.00
802.11be HE20	26T 8	5260	52	9.87	11.00
		5280	56	9.84	11.00
		5320	64	9.83	11.00
802.11be HE20	52T 37	5260	52	16.92	18.00
		5280	56	17.04	18.00
		5320	64	17.25	18.00
802.11be HE20	52T 39	5260	52	16.42	17.00
		5280	56	16.43	17.00
		5320	64	17.15	18.00
802.11be HE20	52T 40	5260	52	17.21	18.00
		5280	56	17.27	18.00
		5320	64	17.73	19.00
802.11be HE20	106T 53	5260	52	17.72	19.00
		5280	56	17.72	19.00
		5320	64	18.29	19.00
802.11be HE20	106T 54	5260	52	18.05	19.00
		5280	56	18.16	19.00
		5320	64	**18.49**	19.00
802.11be HE20	242T 61	5260	52	17.76	19.00
		5280	56	17.84	19.00
		5320	64	18.19	19.00
802.11ax HE40	26T 0	5270	54	13.41	14.00
		5310	62	9.53	11.00
802.11ax HE40	26T 10	5270	54	13.54	15.00
		5310	62	9.65	11.00
802.11ax HE40	26T 17	5270	54	13.21	14.00
		5310	62	9.76	11.00
802.11ax HE40	52T 37	5270	54	16.18	17.00
		5310	62	15.78	17.00
802.11ax HE40	52T 41	5270	54	16.53	18.00
		5310	62	16.23	17.00
802.11ax HE40	52T 44	5270	54	15.62	17.00
		5310	62	15.76	17.00
802.11ax HE40	106T 53	5270	54	17.73	19.00
		5310	62	17.86	19.00
802.11ax HE40	106T 55	5270	54	17.77	19.00
		5310	62	17.91	19.00
802.11ax HE40	106T 56	5270	54	17.85	19.00
		5310	62	17.90	19.00
802.11ax HE40	242T 61	5270	54	16.35	17.00
		5310	62	16.69	18.00
802.11ax HE40	242T 62	5270	54	16.75	18.00
		5310	62	16.57	18.00
802.11ax HE40	484T 65	5270	54	16.63	18.00
		5310	62	16.01	17.00
802.11be HE40	26T 0	5270	54	13.42	14.00
		5310	62	9.88	11.00
802.11be HE40	26T 10	5270	54	13.60	15.00
		5310	62	9.62	11.00
802.11be HE40	26T 4	5270	54	14.08	15.00
		5310	62	10.16	11.00
802.11be HE40	26T 17	5270	54	14.17	15.00
		5310	62	9.72	11.00
802.11be HE40	26T 8	5270	54	12.50	14.00
		5310	62	12.63	14.00
802.11be HE40	52T 37	5270	54	16.26	17.00
		5310	62	16.02	17.00
802.11be HE40	52T 39	5270	54	16.23	17.00
		5310	62	16.25	17.00
802.11be HE40	52T 41	5270	54	16.21	17.00
		5310	62	16.29	17.00
802.11be HE40	52T 40	5270	54	15.72	17.00
		5310	62	15.79	17.00
802.11be HE40	52T 44	5270	54	15.93	17.00
		5310	62	15.73	17.00
802.11be HE40	106T 53	5270	54	17.72	19.00
		5310	62	17.74	19.00
802.11be HE40	106T 54	5270	54	17.36	18.00
		5310	62	17.65	19.00
802.11be HE40	106T 55	5270	54	17.75	19.00
		5310	62	17.64	19.00
802.11be HE40	106T 56	5270	54	17.35	18.00
		5310	62	17.39	18.00
802.11be HE40	242T 61	5270	54	16.32	17.00
		5310	62	16.77	18.00
802.11be HE40	242T 62	5270	54	16.90	18.00
		5310	62	16.65	18.00
802.11be HE40	484T 65	5270	54	16.82	18.00
		5310	62	16.05	17.00
802.11ax HE80	26T 0	5290	58	9.62	11.00
802.11ax HE80	26T 18	5290	58	9.75	11.00
802.11ax HE80	26T 36	5290	58	9.83	11.00
802.11ax HE80	52T 37	5290	58	16.32	17.00
802.11ax HE80	52T 45	5290	58	16.32	17.00
802.11ax HE80	52T 52	5290	58	16.37	17.00
802.11ax HE80	106T 53	5290	58	17.57	19.00
802.11ax HE80	106T 57	5290	58	17.65	19.00
802.11ax HE80	106T 60	5290	58	17.48	18.00
802.11ax HE80	242T 61	5290	58	15.35	16.00
802.11ax HE80	242T 63	5290	58	16.32	17.00
802.11ax HE80	242T 64	5290	58	16.38	17.00
802.11ax HE80	484T 65	5290	58	15.33	16.00
802.11ax HE80	484T 66	5290	58	15.39	16.00
802.11ax HE80	996T 67	5290	58	15.31	16.00
802.11be HE80	26T 0	5290	58	9.15	10.00
802.11be HE80	26T 18	5290	58	9.20	10.00
802.11be HE80	26T 4	5290	58	9.84	11.00
802.11be HE80	26T 36	5290	58	9.35	10.00
802.11be HE80	26T 8	5290	58	9.19	10.00
802.11be HE80	52T 37	5290	58	16.27	17.00
802.11be HE80	52T 39	5290	58	16.33	17.00
802.11be HE80	52T 45	5290	58	16.43	17.00
802.11be HE80	52T 40	5290	58	16.42	17.00
802.11be HE80	52T 52	5290	58	16.43	17.00
802.11be HE80	106T 53	5290	58	17.52	19.00
802.11be HE80	106T 54	5290	58	17.37	18.00
802.11be HE80	106T 57	5290	58	17.39	18.00
802.11be HE80	106T 60	5290	58	17.56	19.00
802.11be HE80	242T 61	5290	58	15.34	16.00
802.11be HE80	242T 63	5290	58	15.36	16.00
802.11be HE80	242T 64	5290	58	15.37	16.00
802.11be HE80	484T 65	5290	58	15.42	16.00
802.11be HE80	484T 66	5290	58	15.33	16.00
802.11be HE80	996T 67	5290	58	15.30	16.00

WLAN5.3G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52	17.72	19.00
		5280	56	17.63	19.00
		5320	64	17.68	19.00
802.11n HT20	NA	5260	52	17.58	19.00
		5280	56	17.18	18.00
		5320	64	17.15	18.00
802.11ac VHT20	NA	5260	52	17.14	18.00
		5280	56	17.00	18.00
		5320	64	17.24	18.00
802.11n HT40	NA	5270	54	16.53	18.00
		5310	62	16.94	18.00
802.11ac VHT40	NA	5270	54	17.13	18.00
		5310	62	17.21	18.00
802.11ac VHT80	NA	5290	58	16.16	17.00
802.11ax HE20	26T 0	5260	52	9.07	10.00
		5280	56	9.11	10.00
		5320	64	9.43	10.00
802.11ax HE20	26T 4	5260	52	9.67	11.00
		5280	56	9.78	11.00
		5320	64	9.43	10.00
802.11ax HE20	26T 8	5260	52	9.45	10.00
		5280	56	9.58	11.00
		5320	64	9.44	10.00
802.11ax HE20	52T 37	5260	52	16.86	18.00
		5280	56	17.00	18.00
		5320	64	16.32	17.00
802.11ax HE20	52T 39	5260	52	16.91	18.00
		5280	56	16.91	18.00
		5320	64	16.42	17.00
802.11ax HE20	52T 40	5260	52	16.61	18.00
		5280	56	16.75	18.00
		5320	64	16.90	18.00
802.11ax HE20	106T 53	5260	52	17.83	19.00
		5280	56	17.92	19.00
		5300	60	18.21	19.00
		5320	64	**18.26**	19.00
802.11ax HE20	106T 54	5260	52	17.66	19.00
		5280	56	17.69	19.00
		5320	64	17.91	19.00
802.11ax HE20	242T 61	5260	52	17.72	19.00
		5280	56	17.86	19.00
		5320	64	18.11	19.00
802.11be HE20	26T 0	5260	52	9.55	11.00
		5280	56	9.68	11.00
		5320	64	10.04	11.00
802.11be HE20	26T 4	5260	52	9.66	11.00
		5280	56	9.69	11.00
		5320	64	9.86	11.00
802.11be HE20	26T 8	5260	52	9.35	10.00
		5280	56	9.27	10.00
		5320	64	9.28	10.00
802.11be HE20	52T 37	5260	52	16.85	18.00
		5280	56	16.95	18.00
		5320	64	17.03	18.00
802.11be HE20	52T 39	5260	52	16.97	18.00
		5280	56	17.09	18.00
		5320	64	16.73	18.00
802.11be HE20	52T 40	5260	52	16.62	18.00
		5280	56	16.74	18.00
		5320	64	16.82	18.00
802.11be HE20	106T 53	5260	52	17.90	19.00
		5280	56	18.05	19.00
		5320	64	18.22	19.00
802.11be HE20	106T 54	5260	52	17.73	19.00
		5280	56	17.86	19.00
		5320	64	17.92	19.00
802.11be HE20	242T 61	5260	52	17.78	19.00
		5280	56	17.90	19.00
		5320	64	17.95	19.00
802.11ax HE40	26T 0	5270	54	13.62	15.00
		5310	62	9.38	10.00
802.11ax HE40	26T 10	5270	54	13.66	15.00
		5310	62	9.36	10.00
802.11ax HE40	26T 17	5270	54	12.98	14.00
		5310	62	9.51	11.00
802.11ax HE40	52T 37	5270	54	15.86	17.00
		5310	62	15.91	17.00
802.11ax HE40	52T 41	5270	54	16.36	17.00
		5310	62	16.24	17.00
802.11ax HE40	52T 44	5270	54	15.83	17.00
		5310	62	15.97	17.00
802.11ax HE40	106T 53	5270	54	17.42	18.00
		5310	62	17.27	18.00
802.11ax HE40	106T 55	5270	54	17.56	19.00
		5310	62	17.65	19.00
802.11ax HE40	106T 56	5270	54	17.46	18.00
		5310	62	17.60	19.00
802.11ax HE40	242T 61	5270	54	16.31	17.00
		5310	62	16.28	17.00
802.11ax HE40	242T 62	5270	54	16.36	17.00
		5310	62	15.96	17.00
802.11ax HE40	484T 65	5270	54	15.77	17.00
		5310	62	15.53	17.00
802.11be HE40	26T 0	5270	54	13.56	15.00
		5310	62	9.66	11.00
802.11be HE40	26T 10	5270	54	13.73	15.00
		5310	62	9.65	11.00
802.11be HE40	26T 4	5270	54	13.63	15.00
		5310	62	9.66	11.00
802.11be HE40	26T 17	5270	54	13.71	15.00
		5310	62	9.68	11.00
802.11be HE40	26T 8	5270	54	13.12	14.00
		5310	62	13.22	14.00
802.11be HE40	52T 37	5270	54	15.83	17.00
		5310	62	16.30	17.00
802.11be HE40	52T 39	5270	54	15.74	17.00
		5310	62	15.80	17.00
802.11be HE40	52T 41	5270	54	15.83	17.00
		5310	62	15.90	17.00
802.11be HE40	52T 40	5270	54	15.71	17.00
		5310	62	16.19	17.00
802.11be HE40	52T 44	5270	54	16.21	17.00
		5310	62	15.94	17.00
802.11be HE40	106T 53	5270	54	17.37	18.00
		5310	62	17.47	18.00
802.11be HE40	106T 54	5270	54	17.56	19.00
		5310	62	17.66	19.00
802.11be HE40	106T 55	5270	54	17.75	19.00
		5310	62	17.04	18.00
802.11be HE40	106T 56	5270	54	17.17	18.00
		5310	62	17.22	18.00
802.11be HE40	242T 61	5270	54	16.38	17.00
		5310	62	16.35	17.00
802.11be HE40	242T 62	5270	54	16.40	17.00
		5310	62	16.33	17.00
802.11be HE40	484T 65	5270	54	15.72	17.00
		5310	62	15.73	17.00
802.11ax HE80	26T 0	5290	58	9.78	11.00
802.11ax HE80	26T 18	5290	58	9.87	11.00
802.11ax HE80	26T 36	5290	58	9.90	11.00
802.11ax HE80	52T 37	5290	58	16.21	17.00
802.11ax HE80	52T 45	5290	58	16.32	17.00
802.11ax HE80	52T 52	5290	58	16.41	17.00
802.11ax HE80	106T 53	5290	58	17.16	18.00
802.11ax HE80	106T 57	5290	58	17.21	18.00
802.11ax HE80	106T 60	5290	58	17.66	19.00
802.11ax HE80	242T 61	5290	58	15.24	16.00
802.11ax HE80	242T 63	5290	58	16.32	17.00
802.11ax HE80	242T 64	5290	58	16.39	17.00
802.11ax HE80	484T 65	5290	58	15.21	16.00
802.11ax HE80	484T 66	5290	58	15.21	16.00
802.11ax HE80	996T 67	5290	58	15.16	16.00
802.11be HE80	26T 0	5290	58	9.26	10.00
802.11be HE80	26T 18	5290	58	9.35	10.00
802.11be HE80	26T 4	5290	58	9.36	10.00
802.11be HE80	26T 36	5290	58	9.03	10.00
802.11be HE80	26T 8	5290	58	9.69	11.00
802.11be HE80	52T 37	5290	58	16.22	17.00
802.11be HE80	52T 39	5290	58	16.24	17.00
802.11be HE80	52T 45	5290	58	16.31	17.00
802.11be HE80	52T 40	5290	58	16.89	18.00
802.11be HE80	52T 52	5290	58	16.95	18.00
802.11be HE80	106T 53	5290	58	17.11	18.00
802.11be HE80	106T 54	5290	58	17.58	19.00
802.11be HE80	106T 57	5290	58	17.65	19.00
802.11be HE80	106T 60	5290	58	17.24	18.00
802.11be HE80	242T 61	5290	58	15.25	16.00
802.11be HE80	242T 63	5290	58	15.27	16.00
802.11be HE80	242T 64	5290	58	15.15	16.00
802.11be HE80	484T 65	5290	58	15.16	16.00
802.11be HE80	484T 66	5290	58	15.21	16.00
802.11be HE80	996T 67	5290	58	15.18	16.00

WLAN5.3G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52	/	/
		5280	56	/	/
		5320	64	/	/
802.11n HT20	NA	5260	52	20.93	22.00
		5280	56	20.71	22.00
		5320	64	20.63	22.00
802.11ac VHT20	NA	5260	52	20.62	22.00
		5280	56	20.54	22.00
		5320	64	20.43	21.00
802.11n HT40	NA	5270	54	20.09	21.00
		5310	62	20.35	21.00
802.11ac VHT40	NA	5270	54	20.39	21.00
		5310	62	20.30	21.00
802.11ac VHT80	NA	5290	58	19.19	20.00
802.11ax HE20	26T 0	5260	52	12.21	13.00
		5280	56	12.37	13.00
		5320	64	12.66	14.00
802.11ax HE20	26T 4	5260	52	12.46	13.00
		5280	56	12.58	14.00
		5320	64	12.64	14.00
802.11ax HE20	26T 8	5260	52	12.71	14.00
		5280	56	12.62	14.00
		5320	64	12.67	14.00
802.11ax HE20	52T 37	5260	52	19.91	21.00
		5280	56	20.02	21.00
		5320	64	19.43	20.00
802.11ax HE20	52T 39	5260	52	19.70	21.00
		5280	56	19.71	21.00
		5320	64	19.81	21.00
802.11ax HE20	52T 40	5260	52	19.93	21.00
		5280	56	20.00	21.00
		5320	64	20.35	21.00
802.11ax HE20	106T 53	5260	52	20.74	22.00
		5280	56	20.80	22.00
		5300	60	21.26	22.00
		5320	64	**21.31**	22.00
802.11ax HE20	106T 54	5260	52	20.81	22.00
		5280	56	20.86	22.00
		5320	64	21.08	22.00
802.11ax HE20	242T 61	5260	52	20.76	22.00
		5280	56	20.89	22.00
		5320	64	21.12	22.00
802.11be HE20	26T 0	5260	52	12.71	14.00
		5280	56	12.82	14.00
		5320	64	13.22	14.00
802.11be HE20	26T 4	5260	52	12.40	13.00
		5280	56	12.44	13.00
		5320	64	12.72	14.00
802.11be HE20	26T 8	5260	52	12.63	14.00
		5280	56	12.57	14.00
		5320	64	12.57	14.00
802.11be HE20	52T 37	5260	52	19.90	21.00
		5280	56	20.01	21.00
		5320	64	20.15	21.00
802.11be HE20	52T 39	5260	52	19.71	21.00
		5280	56	19.78	21.00
		5320	64	19.96	21.00
802.11be HE20	52T 40	5260	52	19.94	21.00
		5280	56	20.02	21.00
		5320	64	20.31	21.00
802.11be HE20	106T 53	5260	52	20.82	22.00
		5280	56	20.90	22.00
		5320	64	21.27	22.00
802.11be HE20	106T 54	5260	52	20.90	22.00
		5280	56	21.02	22.00
		5320	64	21.22	22.00
802.11be HE20	242T 61	5260	52	20.78	22.00
		5280	56	20.88	22.00
		5320	64	21.08	22.00
802.11ax HE40	26T 0	5270	54	16.53	18.00
		5310	62	12.47	13.00
802.11ax HE40	26T 10	5270	54	16.61	18.00
		5310	62	12.52	14.00
802.11ax HE40	26T 17	5270	54	16.11	17.00
		5310	62	12.65	14.00
802.11ax HE40	52T 37	5270	54	19.03	20.00
		5310	62	18.86	20.00
802.11ax HE40	52T 41	5270	54	19.46	20.00
		5310	62	19.25	20.00
802.11ax HE40	52T 44	5270	54	18.74	20.00
		5310	62	18.88	20.00
802.11ax HE40	106T 53	5270	54	20.59	22.00
		5310	62	20.59	22.00
802.11ax HE40	106T 55	5270	54	20.68	22.00
		5310	62	20.79	22.00
802.11ax HE40	106T 56	5270	54	20.67	22.00
		5310	62	20.76	22.00
802.11ax HE40	242T 61	5270	54	19.34	20.00
		5310	62	19.50	21.00
802.11ax HE40	242T 62	5270	54	19.57	21.00
		5310	62	19.29	20.00
802.11ax HE40	484T 65	5270	54	19.23	20.00
		5310	62	18.79	20.00
802.11be HE40	26T 0	5270	54	16.50	18.00
		5310	62	12.78	14.00
802.11be HE40	26T 10	5270	54	16.68	18.00
		5310	62	12.65	14.00
802.11be HE40	26T 4	5270	54	16.87	18.00
		5310	62	12.93	14.00
802.11be HE40	26T 17	5270	54	16.96	18.00
		5310	62	12.71	14.00
802.11be HE40	26T 8	5270	54	15.83	17.00
		5310	62	15.95	17.00
802.11be HE40	52T 37	5270	54	19.06	20.00
		5310	62	19.17	20.00
802.11be HE40	52T 39	5270	54	19.00	20.00
		5310	62	19.04	20.00
802.11be HE40	52T 41	5270	54	19.03	20.00
		5310	62	19.11	20.00
802.11be HE40	52T 40	5270	54	18.73	20.00
		5310	62	19.00	20.00
802.11be HE40	52T 44	5270	54	19.08	20.00
		5310	62	18.85	20.00
802.11be HE40	106T 53	5270	54	20.56	22.00
		5310	62	20.62	22.00
802.11be HE40	106T 54	5270	54	20.47	21.00
		5310	62	20.67	22.00
802.11be HE40	106T 55	5270	54	20.76	22.00
		5310	62	20.36	21.00
802.11be HE40	106T 56	5270	54	20.27	21.00
		5310	62	20.32	21.00
802.11be HE40	242T 61	5270	54	19.36	20.00
		5310	62	19.58	21.00
802.11be HE40	242T 62	5270	54	19.67	21.00
		5310	62	19.50	21.00
802.11be HE40	484T 65	5270	54	19.32	20.00
		5310	62	18.90	20.00
802.11ax HE80	26T 0	5290	58	12.71	14.00
802.11ax HE80	26T 18	5290	58	12.82	14.00
802.11ax HE80	26T 36	5290	58	12.88	14.00
802.11ax HE80	52T 37	5290	58	19.28	20.00
802.11ax HE80	52T 45	5290	58	19.33	20.00
802.11ax HE80	52T 52	5290	58	19.40	20.00
802.11ax HE80	106T 53	5290	58	20.38	21.00
802.11ax HE80	106T 57	5290	58	20.45	21.00
802.11ax HE80	106T 60	5290	58	20.58	22.00
802.11ax HE80	242T 61	5290	58	18.31	19.00
802.11ax HE80	242T 63	5290	58	19.33	20.00
802.11ax HE80	242T 64	5290	58	19.40	20.00
802.11ax HE80	484T 65	5290	58	18.28	19.00
802.11ax HE80	484T 66	5290	58	18.31	19.00
802.11ax HE80	996T 67	5290	58	18.25	19.00
802.11be HE80	26T 0	5290	58	12.22	13.00
802.11be HE80	26T 18	5290	58	12.29	13.00
802.11be HE80	26T 4	5290	58	12.62	14.00
802.11be HE80	26T 36	5290	58	12.20	13.00
802.11be HE80	26T 8	5290	58	12.46	13.00
802.11be HE80	52T 37	5290	58	19.26	20.00
802.11be HE80	52T 39	5290	58	19.30	20.00
802.11be HE80	52T 45	5290	58	19.38	20.00
802.11be HE80	52T 40	5290	58	19.67	21.00
802.11be HE80	52T 52	5290	58	19.71	21.00

WLAN Default

WLAN5.6G Ant13

Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100	18.16	19.00
		5580	116	18.72	20.00
		5700	140	18.81	20.00
802.11n HT20	NA	5500	100	**18.85**	20.00
		5580	116	18.84	20.00
		5620	124	18.76	20.00
		5660	132	18.81	20.00
		5700	140	18.83	20.00
		5720	144	18.76	20.00
802.11ac VHT20	NA	5500	100	17.39	19.00
		5580	116	17.95	19.00
		5700	140	17.94	19.00
802.11n HT40	NA	5510	102	17.45	18.00
		5590	118	17.45	18.00
		5670	134	17.65	19.00
802.11ac VHT40	NA	5510	102	17.32	19.00
		5590	118	17.63	19.00
		5670	134	17.61	19.00
802.11ac VHT80	NA	5530	106	16.09	17.00
802.11ac VHT160	NA	5610	122	16.34	17.00
		5570	114	14.77	16.00
802.11ax HE20	26T 0	5500	100	9.11	10.00
		5580	116	9.28	10.00
		5700	140	9.25	10.00
802.11ax HE20	26T 4	5500	100	8.20	9.00
		5580	116	8.28	9.00
		5700	140	8.98	10.00
802.11ax HE20	26T 8	5500	100	9.18	10.00
		5580	116	9.30	10.00
		5700	140	9.24	10.00
802.11ax HE20	52T 37	5500	100	17.68	19.00
		5580	116	17.62	19.00
		5700	140	17.80	19.00
802.11ax HE20	52T 39	5500	100	17.12	18.00
		5580	116	17.17	18.00
		5700	140	17.12	18.00
802.11ax HE20	52T 40	5500	100	17.26	18.00
		5580	116	17.35	18.00
		5700	140	17.11	18.00
802.11ax HE20	106T 53	5500	100	19.23	19.00
		5580	116	17.83	19.00
		5700	140	18.57	20.00
802.11ax HE20	106T 54	5500	100	17.91	19.00
		5580	116	17.94	19.00
		5700	140	17.85	19.00
802.11ax HE20	242T 61	5500	100	18.06	19.00
		5580	116	18.13	19.00
		5700	140	18.31	19.00
802.11be HE20	26T 0	5500	100	9.08	10.00
		5580	116	9.11	10.00
		5700	140	9.25	10.00
802.11be HE20	26T 4	5500	100	8.22	9.00
		5580	116	8.26	9.00
		5700	140	8.99	10.00
802.11be HE20	26T 8	5500	100	9.18	10.00
		5580	116	9.30	10.00
		5700	140	9.23	10.00
802.11be HE20	52T 37	5500	100	17.56	19.00
		5580	116	17.85	19.00
		5700	140	17.74	19.00
802.11be HE20	52T 39	5500	100	17.32	18.00
		5580	116	17.76	19.00
		5700	140	17.81	19.00
802.11be HE20	52T 40	5500	100	17.28	18.00
		5580	116	17.34	18.00
		5700	140	17.06	18.00
802.11be HE20	106T 53	5500	100	18.34	19.00
		5580	116	18.37	19.00
		5700	140	18.72	20.00
802.11be HE20	106T 54	5500	100	17.86	19.00
		5580	116	17.96	19.00
		5700	140	18.09	19.00
802.11be HE20	242T 61	5500	100	18.02	19.00
		5580	116	18.05	19.00
		5700	140	18.29	19.00
802.11ax HE40	26T 0	5510	102	9.06	10.00
		5670	134	9.13	10.00
802.11ax HE40	26T 10	5510	102	9.24	10.00
		5670	134	8.97	10.00
802.11ax HE40	26T 17	5510	102	8.95	10.00
		5670	134	9.34	10.00
802.11ax HE40	52T 37	5510	102	16.12	17.00
		5670	134	16.43	17.00
802.11ax HE40	52T 41	5510	102	16.13	17.00
		5670	134	16.14	17.00
802.11ax HE40	52T 44	5510	102	17.72	19.00
		5670	134	17.80	19.00
802.11ax HE40	106T 53	5510	102	17.61	19.00
		5670	134	17.73	19.00
802.11ax HE40	106T 55	5510	102	17.87	19.00
		5670	134	17.90	19.00
802.11ax HE40	106T 56	5510	102	18.21	19.00
		5670	134	18.14	19.00
802.11ax HE40	242T 61	5510	102	16.82	18.00
		5670	134	16.90	18.00
802.11ax HE40	242T 62	5510	102	16.93	18.00
		5670	134	17.05	18.00
802.11ax HE40	484T 65	5510	102	16.07	17.00
		5670	134	16.09	17.00
802.11be HE40	26T 0	5510	102	13.33	14.00
		5670	134	13.43	14.00
802.11be HE40	26T 10	5510	102	13.49	14.00
		5670	134	14.37	15.00
802.11be HE40	26T 4	5510	102	14.48	15.00
		5590	118	13.25	14.00
		5670	134	14.39	15.00
802.11be HE40	26T 17	5510	102	14.48	15.00
		5670	134	12.59	14.00
802.11be HE40	26T 8	5510	102	12.96	14.00
		5590	118	13.02	14.00
		5670	134	13.36	14.00
802.11be HE40	52T 37	5510	102	15.84	17.00
		5670	134	15.99	17.00
802.11be HE40	52T 39	5510	102	16.12	17.00
		5590	118	16.13	17.00
		5670	134	16.16	17.00
802.11be HE40	52T 41	5510	102	16.25	17.00
		5670	134	16.25	17.00
802.11be HE40	52T 40	5510	102	16.05	17.00
		5590	118	16.10	17.00
		5670	134	17.12	18.00
802.11be HE40	52T 44	5510	102	17.14	18.00
		5670	134	17.15	18.00
802.11be HE40	106T 53	5510	102	17.73	19.00
		5670	134	17.89	19.00
802.11be HE40	106T 54	5510	102	17.94	19.00
		5590	118	18.02	19.00
		5670	134	18.30	19.00
802.11be HE40	106T 55	5510	102	18.33	19.00
		5670	134	17.88	19.00
802.11be HE40	106T 56	5510	102	17.91	19.00
		5670	134	18.03	19.00
802.11be HE40	242T 61	5510	102	16.84	18.00
		5670	134	16.85	18.00
802.11be HE40	242T 62	5510	102	16.87	18.00
		5670	134	16.92	18.00
802.11be HE40	484T 65	5510	102	16.09	17.00
		5670	134	16.19	17.00
802.11ax HE80	26T 0	5530	106	13.04	14.00
		5610	122	13.08	14.00
802.11ax HE80	26T 18	5530	106	13.12	14.00
		5610	122	13.18	14.00
802.11ax HE80	26T 36	5530	106	13.21	14.00
		5610	122	13.30	14.00
802.11ax HE80	52T 37	5530	106	16.28	17.00
		5610	122	16.36	17.00
802.11ax HE80	52T 45	5530	106	16.89	18.00
		5610	122	16.91	18.00
802.11ax HE80	52T 52	5530	106	16.98	18.00
		5610	122	17.04	18.00
802.11ax HE80	106T 53	5530	106	17.52	19.00
		5610	122	17.45	19.00
802.11ax HE80	106T 57	5530	106	18.12	19.00
		5610	122	18.18	19.00
802.11ax HE80	106T 60	5530	106	18.25	19.00
		5610	122	18.24	19.00
802.11ax HE80	242T 61	5530	106	15.78	17.00
		5610	122	15.86	17.00
802.11ax HE80	242T 63	5530	106	15.94	17.00
		5610	122	15.92	17.00
802.11ax HE80	242T 64	5530	106	16.07	17.00
		5610	122	16.01	17.00
802.11ax HE80	484T 65	5530	106	15.72	17.00
		5610	122	15.82	17.00
802.11ax HE80	484T 66	5530	106	15.89	17.00
		5610	122	15.72	17.00
802.11ax HE80	996T 67	5530	106	15.62	17.00
		5610	122	15.80	17.00
802.11be HE80	26T 0	5530	106	13.06	14.00
		5610	122	13.19	14.00
802.11be HE80	26T 18	5530	106	13.22	14.00
		5610	122	13.32	14.00
802.11be HE80	26T 4	5530	106	14.23	15.00
		5610	122	14.20	15.00
802.11be HE80	26T 36	5530	106	14.23	15.00
		5610	122	14.15	15.00
802.11be HE80	26T 8	5530	106	13.78	15.00
		5610	122	13.84	15.00
802.11be HE80	52T 37	5530	106	16.28	17.00
		5610	122	16.34	17.00
802.11be HE80	52T 39	5530	106	16.94	18.00
		5610	122	16.98	18.00
802.11be HE80	52T 45	5530	106	16.45	17.00
		5610	122	16.53	18.00
802.11be HE80	52T 40	5530	106	16.89	18.00
		5610	122	17.31	18.00
802.11be HE80	52T 52	5530	106	17.39	18.00
		5610	122	17.43	19.00
802.11be HE80	106T 53	5530	106	17.52	19.00
		5610	122	17.58	19.00
802.11be HE80	106T 54	5530	106	18.11	19.00
		5610	122	18.14	19.00
802.11be HE80	106T 57	5530	106	17.72	19.00
		5610	122	17.77	19.00
802.11be HE80	106T 60	5530	106	17.77	19.00
		5610	122	17.77	19.00
802.11be HE80	242T 61	5530	106	15.84	17.00
		5610	122	15.92	17.00
802.11be HE80	242T 63	5530	106	16.00	17.00
		5610	122	15.87	17.00
802.11be HE80	242T 64	5530	106	15.95	17.00
		5610	122	16.02	17.00
802.11be HE80	484T 65	5530	106	15.72	17.00
		5610	122	15.80	17.00
802.11be HE80	484T 66	5530	106	15.91	17.00
		5610	122	15.91	17.00
802.11be HE80	996T 67	5530	106	15.65	17.00
		5610	122	15.70	17.00
802.11ax HE160	26T L	5570	114	12.24	13.00
802.11ax HE160	26T H	5570	114	12.64	14.00
802.11ax HE160	52T L	5570	114	15.71	17.00
802.11ax HE160	52T H	5570	114	15.83	17.00
802.11ax HE160	106T L	5570	114	17.18	19.00
802.11ax HE160	106T H	5570	114	17.12	18.00
802.11ax HE160	242T L	5570	114	13.96	15.00
802.11ax HE160	242T H	5570	114	13.97	15.00
802.11ax HE160	484T L	5570	114	13.84	15.00
802.11ax HE160	484T H	5570	114	13.85	15.00
802.11ax HE160	996T L	5570	114	13.85	15.00
802.11ax HE160	996T H	5570	114	13.89	15.00
802.11ax HE160	1992T LH	5570	114	14.05	15.00
802.11be HE160	26T L	5570	114	12.67	14.00
802.11be HE160	26T H	5570	114	12.63	14.00
802.11be HE160	52T L	5570	114	15.93	17.00
802.11be HE160	52T H	5570	114	15.85	17.00
802.11be HE160	106T L	5570	114	16.81	18.00
802.11be HE160	106T H	5570	114	17.12	18.00
802.11be HE160	242T L	5570	114	13.89	15.00
802.11be HE160	242T H	5570	114	13.90	15.00
802.11be HE160	484T L	5570	114	13.86	15.00
802.11be HE160	484T H	5570	114	13.87	15.00
802.11be HE160	996T L	5570	114	13.85	15.00
802.11be HE160	996T H	5570	114	13.92	15.00
802.11be HE160	1992T LH	5570	114	13.97	15.00
802.11be HE160	484+996	5570	114	13.94	15.00
802.11be HE160	242+484+996	5570	114	13.88	15.00

WLAN5.6G Ant12

Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100	18.13	19.00
		5580	116	18.30	19.00
		5700	140	18.66	20.00
802.11n HT20	NA	5500	100	18.64	20.00
		5580	118	18.44	19.00
		5620	124	18.52	20.00
		5660	132	18.49	19.00
		5700	140	**18.76**	20.00
		5720	144	18.68	20.00
802.11ac VHT20	NA	5500	100	17.72	19.00
		5580	116	18.02	19.00
		5700	140	18.01	19.00
802.11n HT40	NA	5510	102	17.38	18.00
		5590	118	17.37	18.00
		5670	134	17.41	18.00
802.11ac VHT40	NA	5510	102	17.37	18.00
		5590	118	17.47	18.00
		5670	134	17.41	18.00
802.11ac VHT80	NA	5530	106	16.63	18.00
802.11ac VHT160	NA	5610	122	16.61	18.00
		5570	114	14.72	16.00
802.11ax HE20	26T 0	5500	100	9.23	10.00
		5580	116	9.37	10.00
		5700	140	9.08	10.00
802.11ax HE20	26T 4	5500	100	8.86	10.00
		5580	116	8.92	10.00
		5700	140	8.95	10.00
802.11ax HE20	26T 8	5500	100	9.32	10.00
		5580	116	9.46	10.00
		5700	140	9.45	10.00
802.11ax HE20	52T 37	5500	100	17.72	19.00
		5580	116	17.76	19.00
		5700	140	17.49	18.00
802.11ax HE20	52T 39	5500	100	17.64	19.00
		5580	116	17.71	19.00
		5700	140	17.34	18.00
802.11ax HE20	52T 40	5500	100	17.52	19.00
		5580	116	17.54	19.00
		5700	140	17.38	18.00
802.11ax HE20	106T 53	5500	100	18.58	20.00
		5580	116	17.96	19.00
		5700	140	18.30	19.00
802.11ax HE20	106T 54	5500	100	18.29	19.00
		5580	116	18.34	19.00
		5700	140	18.13	19.00
802.11ax HE20	242T 61	5500	100	18.52	20.00
		5580	116	18.59	20.00
		5700	140	18.19	19.00
802.11be HE20	26T 0	5500	100	9.20	10.00
		5580	116	9.24	10.00
		5700	140	9.06	10.00
802.11be HE20	26T 4	5500	100	8.86	10.00
		5580	116	8.93	10.00
		5700	140	8.95	10.00
802.11be HE20	26T 8	5500	100	9.32	10.00
		5580	116	9.45	10.00
		5700	140	9.43	10.00
802.11be HE20	52T 37	5500	100	17.81	19.00
		5580	116	17.63	19.00
		5700	140	17.44	18.00
802.11be HE20	52T 39	5500	100	17.57	19.00
		5580	116	17.57	19.00
		5700	140	17.66	19.00
802.11be HE20	52T 40	5500	100	17.56	19.00
		5580	116	17.60	19.00
		5700	140	17.38	18.00
802.11be HE20	106T 53	5500	100	18.68	20.00
		5580	116	18.70	20.00
		5700	140	18.38	19.00
802.11be HE20	106T 54	5500	100	18.45	19.00
		5580	116	18.50	20.00
		5700	140	18.29	19.00
802.11be HE20	242T 61	5500	100	18.43	19.00
		5580	116	18.45	19.00
		5700	140	18.16	19.00
802.11ax HE40	26T 0	5510	102	9.18	10.00
		5670	134	9.21	10.00
802.11ax HE40	26T 10	5510	102	9.09	10.00
		5670	134	8.92	11.00
802.11ax HE40	26T 17	5510	102	9.60	11.00
		5670	134	9.31	10.00
802.11ax HE40	52T 37	5510	102	16.58	18.00
		5670	134	16.68	18.00
802.11ax HE40	52T 41	5510	102	16.48	17.00
		5670	134	16.51	18.00
802.11ax HE40	52T 44	5510	102	17.68	19.00
		5670	134	17.75	19.00
802.11ax HE40	106T 53	5510	102	17.86	19.00
		5670	134	17.86	19.00
802.11ax HE40	106T 55	5510	102	18.12	19.00
		5670	134	18.20	19.00
802.11ax HE40	106T 56	5510	102	18.35	19.00
		5670	134	18.43	19.00
802.11ax HE40	242T 61	5510	102	17.04	18.00
		5670	134	16.82	18.00
802.11ax HE40	242T 62	5510	102	16.85	18.00
		5670	134	16.93	18.00
802.11ax HE40	484T 65	5510	102	16.22	17.00
		5670	134	16.03	17.00
802.11be HE40	26T 0	5510	102	13.94	15.00
		5670	134	13.66	15.00
802.11be HE40	26T 10	5510	102	13.69	15.00
		5670	134	14.23	15.00
802.11be HE40	26T 4	5510	102	14.36	15.00
		5590	118	13.37	14.00
		5670	134	14.22	15.00
802.11be HE40	26T 17	5510	102	14.29	15.00
		5670	134	12.63	14.00
802.11be HE40	26T 8	5590	118	13.51	15.00
		5670	134	13.12	14.00
802.11be HE40	52T 37	5510	102	16.23	17.00
		5670	134	16.02	17.00
802.11be HE40	52T 39	5510	102	16.05	17.00
		5590	118	16.07	17.00
		5670	134	16.09	17.00
802.11be HE40	52T 41	5510	102	16.13	17.00
		5670	134	16.14	17.00
802.11be HE40	52T 40	5510	102	16.11	17.00
		5590	118	16.15	17.00
		5670	134	16.62	18.00
802.11be HE40	52T 44	5510	102	16.67	18.00
		5670	134	16.76	18.00
802.11be HE40	106T 53	5510	102	17.96	19.00
		5670	134	17.86	19.00
802.11be HE40	106T 54	5510	102	18.16	19.00
		5590	118	18.23	19.00
		5670	134	17.98	19.00
802.11be HE40	106T 55	5510	102	18.04	19.00
		5670	134	18.03	19.00
802.11be HE40	106T 56	5510	102	18.07	19.00
		5670	134	18.15	19.00
802.11be HE40	242T 61	5510	102	17.02	18.00
		5670	134	16.89	18.00
802.11be HE40	242T 62	5510	102	16.96	18.00
		5670	134	17.00	18.00
802.11be HE40	484T 65	5510	102	16.24	17.00
		5670	134	16.09	17.00
802.11ax HE80	26T 0	5530	106	13.52	15.00
		5610	122	13.52	15.00
802.11ax HE80	26T 18	5530	106	13.61	15.00
		5610	122	13.63	15.00
802.11ax HE80	26T 36	5530	106	13.70	15.00
		5610	122	13.74	15.00
802.11ax HE80	52T 37	5530	106	16.73	18.00
		5610	122	16.50	18.00
802.11ax HE80	52T 45	5530	106	16.98	18.00
		5610	122	17.02	18.00
802.11ax HE80	52T 52	5530	106	17.36	18.00
		5610	122	17.42	18.00
802.11ax HE80	106T 53	5530	106	17.73	19.00
		5610	122	17.63	19.00
802.11ax HE80	106T 57	5530	106	18.31	19.00
		5610	122	18.33	19.00
802.11ax HE80	106T 60	5530	106	18.42	19.00
		5610	122	18.39	19.00
802.11ax HE80	242T 61	5530	106	15.99	17.00
		5610	122	15.98	17.00
802.11ax HE80	242T 63	5530	106	15.88	17.00
		5610	122	15.88	17.00
802.11ax HE80	242T 64	5530	106	15.76	17.00
		5610	122	15.76	17.00
802.11ax HE80	484T 65	5530	106	15.89	17.00
		5610	122	15.89	17.00
802.11ax HE80	484T 66	5530	106	15.91	17.00
		5610	122	16.05	17.00
802.11ax HE80	996T 67	5530	106	15.94	17.00
		5610	122	15.68	17.00
802.11be HE80	26T 0	5530	106	13.54	15.00
		5610	122	13.47	14.00
802.11be HE80	26T 18	5530	106	13.48	14.00
		5610	122	13.61	15.00
802.11be HE80	26T 4	5530	106	14.11	15.00
		5610	122	14.03	15.00
802.11be HE80	26T 36	5530	106	14.09	15.00
		5610	122	13.91	15.00
802.11be HE80	26T 8	5530	106	13.96	15.00
		5610	122	14.00	15.00
802.11be HE80	52T 37	5530	106	16.77	18.00
		5610	122	16.80	18.00
802.11be HE80	52T 39	5530	106	17.01	18.00
		5610	122	17.09	18.00
802.11be HE80	52T 45	5530	106	16.77	18.00
		5610	122	16.79	18.00
802.11be HE80	52T 40	5530	106	17.32	18.00
		5610	122	17.18	18.00
802.11be HE80	52T 52	5530	106	17.20	18.00
		5610	122	17.27	18.00
802.11be HE80	106T 53	5530	106	17.75	19.00
		5610	122	17.66	19.00
802.11be HE80	106T 54	5530	106	18.29	19.00
		5610	122	18.31	19.00
802.11be HE80	106T 57	5530	106	17.97	19.00
		5610	122	17.97	19.00
802.11be HE80	106T 60	5530	106	18.03	19.00
		5610	122	18.12	19.00
802.11be HE80	242T 61	5530	106	16.01	17.00
		5610	122	15.98	17.00
802.11be HE80	242T 63	5530	106	15.98	17.00
		5610	122	15.92	17.00
802.11be HE80	242T 64	5530	106	15.99	17.00
		5610	122	16.01	17.00
802.11be HE80	484T 65	5530	106	15.93	17.00
		5610	122	15.94	17.00
802.11be HE80	484T 66	5530	106	15.75	17.00
		5610	122	15.82	17.00
802.11be HE80	996T 67	5530	106	15.96	17.00
		5610	122	16.01	17.00
802.11ax HE160	26T L	5570	114	12.56	14.00
802.11ax HE160	26T H	5570	114	12.98	14.00
802.11ax HE160	52T L	5570	114	15.74	17.00
802.11ax HE160	52T H	5570	114	16.26	17.00
802.11ax HE160	106T L	5570	114	16.93	18.00
802.11ax HE160	106T H	5570	114	17.20	18.00
802.11ax HE160	242T L	5570	114	14.03	15.00
802.11ax HE160	242T H	5570	114	14.04	15.00
802.11ax HE160	484T L	5570	114	13.91	15.00
802.11ax HE160	484T H	5570	114	13.91	15.00
802.11ax HE160	996T L	5570	114	13.92	15.00
802.11ax HE160	996T H	5570	114	13.97	15.00
802.11ax HE160	1992T LH	5570	114	14.13	15.00
802.11be HE160	26T L	5570	114	12.68	14.00
802.11be HE160	26T H	5570	114	12.89	14.00
802.11be HE160	52T L	5570	114	15.78	17.00
802.11be HE160	52T H	5570	114	16.23	17.00
802.11be HE160	106T L	5570	114	16.78	18.00
802.11be HE160	106T H	5570	114	17.23	18.00
802.11be HE160	242T L	5570	114	14.05	15.00
802.11be HE160	242T H	5570	114	14.06	15.00
802.11be HE160	484T L	5570	114	13.98	15.00
802.11be HE160	484T H	5570	114	14.02	15.00
802.11be HE160	996T L	5570	114	13.96	15.00
802.11be HE160	996T H	5570	114	14.02	15.00
802.11be HE160	1992T LH	5570	114	14.05	15.00
802.11be HE160	484+996	5570	114	13.82	15.00
802.11be HE160	242+484+996	5570	114	14.34	15.00

WLAN5.6G MIMO

Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100	/	/
		5580	116	/	/
		5700	140	/	/
802.11n HT20	NA	5500	100	21.76	23.00
		5580	118	21.65	23.00
		5620	124	21.65	23.00
		5660	132	21.69	23.00
		5700	140	**21.81**	23.00
		5720	144	21.73	23.00
802.11ac VHT20	NA	5500	100	20.57	22.00
		5580	116	21.00	22.00
		5700	140	20.99	22.00
802.11n HT40	NA	5510	102	20.43	21.00
		5590	118	20.42	21.00
		5670	134	20.54	22.00
802.11ac VHT40	NA	5510	102	20.46	21.00
		5590	118	20.56	22.00
		5670	134	20.52	22.00
802.11ac VHT80	NA	5530

WLAN Default

WLAN5.8G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149	18.20	19.00
	NA	5785	157	18.52	20.00
	NA	5825	165	18.51	20.00
802.11n HT20	NA	5745	149	18.78	20.00
	NA	5785	157	18.67	20.00
	NA	5825	165	18.67	20.00
802.11ac VHT20	NA	5745	149	18.41	19.00
	NA	5785	157	18.09	19.00
	NA	5825	165	18.30	19.00
802.11n HT40	NA	5755	151	16.75	18.00
	NA	5795	159	16.66	18.00
802.11ac VHT40	NA	5755	151	16.58	18.00
	NA	5795	159	16.53	18.00
802.11ac VHT80	NA	5775	155	16.55	18.00
802.11ax HE20	26T 0	5745	149	18.72	20.00
	26T 0	5785	157	18.74	20.00
	26T 0	5825	165	17.75	19.00
802.11ax HE20	26T 4	5745	149	18.32	19.00
	26T 4	5785	157	18.17	19.00
	26T 4	5825	165	18.21	19.00
802.11ax HE20	26T 8	5745	149	18.48	19.00
	26T 8	5785	157	18.12	19.00
	26T 8	5825	165	17.76	19.00
802.11ax HE20	52T 37	5745	149	18.78	20.00
	52T 37	5785	157	18.88	20.00
	52T 37	5825	165	17.47	18.00
802.11ax HE20	52T 39	5745	149	18.48	19.00
	52T 39	5785	157	18.52	20.00
	52T 39	5825	165	18.42	19.00
802.11ax HE20	52T 40	5745	149	18.02	19.00
	52T 40	5785	157	18.08	19.00
	52T 40	5825	165	16.68	18.00
802.11ax HE20	106T 53	5745	149	18.67	20.00
	106T 53	5785	157	18.70	20.00
	106T 53	5825	165	18.72	20.00
802.11ax HE20	106T 54	5745	149	17.95	19.00
	106T 54	5785	157	17.99	19.00
	106T 54	5825	165	18.15	19.00
802.11ax HE20	242T 61	5745	149	18.25	19.00
	242T 61	5785	157	18.34	19.00
	242T 61	5825	165	18.55	20.00
802.11be HE20	26T 0	5745	149	17.68	19.00
	26T 0	5785	157	17.68	19.00
	26T 0	5825	165	17.63	19.00
802.11be HE20	26T 4	5745	149	17.38	18.00
	26T 4	5785	157	17.46	18.00
	26T 4	5825	165	17.53	19.00
802.11be HE20	26T 8	5745	149	17.42	18.00
	26T 8	5785	157	17.52	19.00
	26T 8	5825	165	17.82	19.00
802.11be HE20	52T 37	5745	149	17.56	19.00
	52T 37	5785	157	17.60	19.00
	52T 37	5825	165	17.87	19.00
802.11be HE20	52T 39	5745	149	17.55	19.00
	52T 39	5785	157	17.64	19.00
	52T 39	5825	165	17.75	19.00
802.11be HE20	52T 40	5745	149	17.12	18.00
	52T 40	5785	157	17.14	18.00
	52T 40	5825	165	17.39	18.00
802.11be HE20	106T 53	5745	149	18.92	20.00
	106T 53	5785	157	**18.95**	20.00
	106T 53	5825	165	18.79	20.00
802.11be HE20	106T 54	5745	149	18.28	19.00
	106T 54	5785	157	18.36	19.00
	106T 54	5825	165	18.21	19.00
802.11be HE20	242T 61	5745	149	18.69	20.00
	242T 61	5785	157	18.70	20.00
	242T 61	5825	165	18.53	20.00
802.11ax HE40	26T 0	5755	151	16.82	18.00
	26T 0	5795	159	16.68	18.00
802.11ax HE40	26T 10	5755	151	16.75	18.00
	26T 10	5795	159	16.80	18.00
802.11ax HE40	26T 17	5755	151	16.83	18.00
	26T 17	5795	159	16.86	18.00
802.11ax HE40	52T 37	5755	151	16.84	18.00
	52T 37	5795	159	16.91	18.00
802.11ax HE40	52T 41	5755	151	16.88	18.00
	52T 41	5795	159	16.91	18.00
802.11ax HE40	52T 44	5755	151	16.85	18.00
	52T 44	5795	159	16.85	18.00
802.11ax HE40	106T 53	5755	151	17.72	19.00
	106T 53	5795	159	17.80	19.00
802.11ax HE40	106T 55	5755	151	18.28	19.00
	106T 55	5795	159	18.29	19.00
802.11ax HE40	106T 56	5755	151	18.32	19.00
	106T 56	5795	159	18.28	19.00
802.11ax HE40	242T 61	5755	151	16.93	18.00
	242T 61	5795	159	17.06	18.00
802.11ax HE40	242T 62	5755	151	17.09	18.00
	242T 62	5795	159	17.03	18.00
802.11ax HE40	484T 65	5755	151	16.18	17.00
	484T 65	5795	159	16.19	17.00
802.11be HE40	26T 0	5755	151	16.56	18.00
	26T 0	5795	159	16.68	18.00
802.11be HE40	26T 10	5755	151	16.61	18.00
	26T 10	5795	159	16.68	18.00
802.11be HE40	26T 4	5755	151	16.63	18.00
	26T 4	5795	159	16.46	17.00
802.11be HE40	26T 17	5755	151	16.65	18.00
	26T 17	5795	159	16.58	18.00
802.11be HE40	26T 8	5755	151	16.43	17.00
	26T 8	5795	159	16.49	17.00
802.11be HE40	52T 37	5755	151	15.89	17.00
	52T 37	5795	159	15.97	17.00
802.11be HE40	52T 39	5755	151	16.35	17.00
	52T 39	5795	159	16.40	17.00
802.11be HE40	52T 41	5755	151	16.38	17.00
	52T 41	5795	159	16.57	18.00
802.11be HE40	52T 40	5755	151	16.54	18.00
	52T 40	5795	159	16.24	17.00
802.11be HE40	52T 44	5755	151	16.28	17.00
	52T 44	5795	159	16.23	17.00
802.11be HE40	106T 53	5755	151	17.79	19.00
	106T 53	5795	159	17.77	19.00
802.11be HE40	106T 54	5755	151	18.32	19.00
	106T 54	5795	159	18.42	19.00
802.11be HE40	106T 55	5755	151	18.51	20.00
	106T 55	5795	159	18.48	19.00
802.11be HE40	106T 56	5755	151	18.69	20.00
	106T 56	5795	159	18.66	20.00
802.11be HE40	242T 61	5755	151	16.92	18.00
	242T 61	5795	159	16.93	18.00
802.11be HE40	242T 62	5755	151	16.93	18.00
	242T 62	5795	159	16.91	18.00
802.11be HE40	484T 65	5755	151	16.10	17.00
	484T 65	5795	159	16.23	17.00
802.11ax HE80	26T 0	5775	155	16.38	17.00
802.11ax HE80	26T 18	5775	155	16.49	17.00
802.11ax HE80	26T 36	5775	155	16.71	18.00
802.11ax HE80	52T 37	5775	155	16.32	17.00
802.11ax HE80	52T 45	5775	155	16.43	17.00
802.11ax HE80	52T 52	5775	155	17.53	19.00
802.11ax HE80	106T 53	5775	155	17.68	19.00
802.11ax HE80	106T 57	5775	155	18.41	19.00
802.11ax HE80	106T 60	5775	155	18.51	20.00
802.11ax HE80	242T 61	5775	155	16.02	17.00
802.11ax HE80	242T 63	5775	155	16.09	17.00
802.11ax HE80	242T 64	5775	155	16.17	17.00
802.11ax HE80	484T 65	5775	155	15.93	17.00
802.11ax HE80	484T 66	5775	155	16.03	17.00
802.11ax HE80	996T 67	5775	155	15.83	17.00
802.11be HE80	26T 0	5775	155	16.58	18.00
802.11be HE80	26T 18	5775	155	16.65	18.00
802.11be HE80	26T 4	5775	155	16.78	18.00
802.11be HE80	26T 36	5775	155	16.81	18.00
802.11be HE80	26T 8	5775	155	17.10	18.00
802.11be HE80	52T 37	5775	155	16.52	18.00
802.11be HE80	52T 39	5775	155	16.57	18.00
802.11be HE80	52T 45	5775	155	16.62	18.00
802.11be HE80	52T 40	5775	155	17.13	18.00
802.11be HE80	52T 52	5775	155	17.23	18.00
802.11be HE80	106T 53	5775	155	17.74	19.00
802.11be HE80	106T 54	5775	155	18.42	19.00
802.11be HE80	106T 57	5775	155	18.50	20.00
802.11be HE80	106T 60	5775	155	18.46	19.00
802.11be HE80	242T 61	5775	155	16.01	17.00
802.11be HE80	242T 63	5775	155	16.09	17.00
802.11be HE80	242T 64	5775	155	16.04	17.00
802.11be HE80	484T 65	5775	155	15.96	17.00
802.11be HE80	484T 66	5775	155	16.04	17.00
802.11be HE80	996T 67	5775	155	15.88	17.00

WLAN5.8G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149	18.18	19.00
	NA	5785	157	18.25	19.00
	NA	5825	165	18.31	19.00
802.11n HT20	NA	5745	149	18.57	20.00
	NA	5785	157	18.44	19.00
	NA	5825	165	18.33	19.00
802.11ac VHT20	NA	5745	149	18.30	19.00
	NA	5785	157	18.32	19.00
	NA	5825	165	18.33	19.00
802.11n HT40	NA	5755	151	16.63	18.00
	NA	5795	159	16.60	18.00
802.11ac VHT40	NA	5755	151	16.65	18.00
	NA	5795	159	16.54	18.00
802.11ac VHT80	NA	5775	155	16.29	17.00
802.11ax HE20	26T 0	5745	149	18.59	20.00
	26T 0	5785	157	**18.71**	20.00
	26T 0	5825	165	17.03	18.00
802.11ax HE20	26T 4	5745	149	18.10	19.00
	26T 4	5785	157	18.43	19.00
	26T 4	5825	165	18.55	20.00
802.11ax HE20	26T 8	5745	149	18.70	20.00
	26T 8	5785	157	18.63	20.00
	26T 8	5825	165	18.39	19.00
802.11ax HE20	52T 37	5745	149	18.43	19.00
	52T 37	5785	157	18.51	20.00
	52T 37	5825	165	17.81	19.00
802.11ax HE20	52T 39	5745	149	18.23	19.00
	52T 39	5785	157	18.24	19.00
	52T 39	5825	165	18.26	19.00
802.11ax HE20	52T 40	5745	149	18.33	19.00
	52T 40	5785	157	18.42	19.00
	52T 40	5825	165	17.75	19.00
802.11ax HE20	106T 53	5745	149	18.14	19.00
	106T 53	5785	157	18.17	19.00
	106T 53	5825	165	17.77	19.00
802.11ax HE20	106T 54	5745	149	18.21	19.00
	106T 54	5785	157	18.22	19.00
	106T 54	5825	165	17.79	19.00
802.11ax HE20	242T 61	5745	149	18.23	19.00
	242T 61	5785	157	18.27	19.00
	242T 61	5825	165	17.88	19.00
802.11be HE20	26T 0	5745	149	17.92	19.00
	26T 0	5785	157	18.02	19.00
	26T 0	5825	165	17.79	19.00
802.11be HE20	26T 4	5745	149	17.40	18.00
	26T 4	5785	157	17.51	19.00
	26T 4	5825	165	17.70	19.00
802.11be HE20	26T 8	5745	149	17.91	19.00
	26T 8	5785	157	17.94	19.00
	26T 8	5825	165	18.42	19.00
802.11be HE20	52T 37	5745	149	17.71	19.00
	52T 37	5785	157	17.77	19.00
	52T 37	5825	165	18.06	19.00
802.11be HE20	52T 39	5745	149	17.48	18.00
	52T 39	5785	157	17.49	18.00
	52T 39	5825	165	17.43	18.00
802.11be HE20	52T 40	5745	149	17.73	19.00
	52T 40	5785	157	17.86	19.00
	52T 40	5825	165	18.14	19.00
802.11be HE20	106T 53	5745	149	18.31	19.00
	106T 53	5785	157	18.40	19.00
	106T 53	5825	165	17.86	19.00
802.11be HE20	106T 54	5745	149	18.35	19.00
	106T 54	5785	157	18.46	19.00
	106T 54	5825	165	18.07	19.00
802.11be HE20	242T 61	5745	149	18.28	19.00
	242T 61	5785	157	18.31	19.00
	242T 61	5825	165	18.31	19.00
802.11ax HE40	26T 0	5755	151	16.68	18.00
	26T 0	5795	159	16.61	18.00
802.11ax HE40	26T 10	5755	151	16.71	18.00
	26T 10	5795	159	16.74	18.00
802.11ax HE40	26T 17	5755	151	16.75	18.00
	26T 17	5795	159	16.80	18.00
802.11ax HE40	52T 37	5755	151	16.72	18.00
	52T 37	5795	159	16.79	18.00
802.11ax HE40	52T 41	5755	151	16.61	18.00
	52T 41	5795	159	16.72	18.00
802.11ax HE40	52T 44	5755	151	16.71	18.00
	52T 44	5795	159	16.62	18.00
802.11ax HE40	106T 53	5755	151	17.88	19.00
	106T 53	5795	159	17.71	19.00
802.11ax HE40	106T 55	5755	151	17.81	19.00
	106T 55	5795	159	17.91	19.00
802.11ax HE40	106T 56	5755	151	17.94	19.00
	106T 56	5795	159	17.89	19.00
802.11ax HE40	242T 61	5755	151	16.84	18.00
	242T 61	5795	159	16.63	18.00
802.11ax HE40	242T 62	5755	151	16.65	18.00
	242T 62	5795	159	16.61	18.00
802.11ax HE40	484T 65	5755	151	16.06	17.00
	484T 65	5795	159	15.84	17.00
802.11be HE40	26T 0	5755	151	16.71	18.00
	26T 0	5795	159	16.73	18.00
802.11be HE40	26T 10	5755	151	16.70	18.00
	26T 10	5795	159	16.72	18.00
802.11be HE40	26T 4	5755	151	16.52	18.00
	26T 4	5795	159	16.62	18.00
802.11be HE40	26T 17	5755	151	16.64	18.00
	26T 17	5795	159	16.60	18.00
802.11be HE40	26T 8	5755	151	16.05	17.00
	26T 8	5795	159	16.20	17.00
802.11be HE40	52T 37	5755	151	16.14	17.00
	52T 37	5795	159	16.24	17.00
802.11be HE40	52T 39	5755	151	16.43	17.00
	52T 39	5795	159	16.47	17.00
802.11be HE40	52T 41	5755	151	16.44	17.00
	52T 41	5795	159	16.62	18.00
802.11be HE40	52T 40	5755	151	16.05	17.00
	52T 40	5795	159	15.99	17.00
802.11be HE40	52T 44	5755	151	16.05	17.00
	52T 44	5795	159	16.02	17.00
802.11be HE40	106T 53	5755	151	17.86	19.00
	106T 53	5795	159	17.69	19.00
802.11be HE40	106T 54	5755	151	17.85	19.00
	106T 54	5795	159	17.62	19.00
802.11be HE40	106T 55	5755	151	17.74	19.00
	106T 55	5795	159	17.71	19.00
802.11be HE40	106T 56	5755	151	17.65	19.00
	106T 56	5795	159	17.61	19.00
802.11be HE40	242T 61	5755	151	16.76	18.00
	242T 61	5795	159	16.58	18.00
802.11be HE40	242T 62	5755	151	16.66	18.00
	242T 62	5795	159	16.61	18.00
802.11be HE40	484T 65	5755	151	15.97	17.00
	484T 65	5795	159	15.87	17.00
802.11ax HE80	26T 0	5775	155	16.74	18.00
802.11ax HE80	26T 18	5775	155	16.83	18.00
802.11ax HE80	26T 36	5775	155	17.85	19.00
802.11ax HE80	52T 37	5775	155	16.76	18.00
802.11ax HE80	52T 45	5775	155	16.78	18.00
802.11ax HE80	52T 52	5775	155	17.66	19.00
802.11ax HE80	106T 53	5775	155	17.76	19.00
802.11ax HE80	106T 57	5775	155	17.95	19.00
802.11ax HE80	106T 60	5775	155	17.97	19.00
802.11ax HE80	242T 61	5775	155	15.71	17.00
802.11ax HE80	242T 63	5775	155	15.82	17.00
802.11ax HE80	242T 64	5775	155	15.86	17.00
802.11ax HE80	484T 65	5775	155	15.64	17.00
802.11ax HE80	484T 66	5775	155	15.73	17.00
802.11ax HE80	996T 67	5775	155	15.58	17.00
802.11be HE80	26T 0	5775	155	16.67	18.00
802.11be HE80	26T 18	5775	155	16.73	18.00
802.11be HE80	26T 4	5775	155	17.12	18.00
802.11be HE80	26T 36	5775	155	17.16	18.00
802.11be HE80	26T 8	5775	155	17.13	18.00
802.11be HE80	52T 37	5775	155	16.68	18.00
802.11be HE80	52T 39	5775	155	16.71	18.00
802.11be HE80	52T 45	5775	155	16.70	18.00
802.11be HE80	52T 40	5775	155	17.02	18.00
802.11be HE80	52T 52	5775	155	17.03	18.00
802.11be HE80	106T 53	5775	155	17.68	19.00
802.11be HE80	106T 54	5775	155	17.95	19.00
802.11be HE80	106T 57	5775	155	18.07	19.00
802.11be HE80	106T 60	5775	155	18.06	19.00
802.11be HE80	242T 61	5775	155	15.63	17.00
802.11be HE80	242T 63	5775	155	15.65	17.00
802.11be HE80	242T 64	5775	155	15.59	17.00
802.11be HE80	484T 65	5775	155	15.65	17.00
802.11be HE80	484T 66	5775	155	15.74	17.00
802.11be HE80	996T 67	5775	155	15.60	17.00

WLAN5.8G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149	/	/
	NA	5785	157	/	/
	NA	5825	165	/	/
802.11n HT20	NA	5745	149	21.69	23.00
	NA	5785	157	21.57	23.00
	NA	5825	165	21.51	23.00
802.11ac VHT20	NA	5745	149	21.37	22.00
	NA	5785	157	21.22	22.00
	NA	5825	165	21.33	22.00
802.11n HT40	NA	5755	151	19.70	21.00
	NA	5795	159	19.64	21.00
802.11ac VHT40	NA	5755	151	19.63	21.00
	NA	5795	159	19.55	21.00
802.11ac VHT80	NA	5775	155	19.43	20.00
802.11ax HE20	26T 0	5745	149	21.67	23.00
	26T 0	5785	157	**21.74**	23.00
	26T 0	5825	165	20.42	21.00
802.11ax HE20	26T 4	5745	149	21.22	22.00
	26T 4	5785	157	21.31	22.00
	26T 4	5825	165	21.39	22.00
802.11ax HE20	26T 8	5745	149	21.60	23.00
	26T 8	5785	157	21.39	22.00
	26T 8	5825	165	21.10	22.00
802.11ax HE20	52T 37	5745	149	21.62	23.00
	52T 37	5785	157	21.71	23.00
	52T 37	5825	165	20.65	22.00
802.11ax HE20	52T 39	5745	149	21.37	22.00
	52T 39	5785	157	21.39	22.00
	52T 39	5825	165	21.35	22.00
802.11ax HE20	52T 40	5745	149	21.19	22.00
	52T 40	5785	157	21.26	22.00
	52T 40	5825	165	20.26	21.00
802.11ax HE20	106T 53	5745	149	21.42	22.00
	106T 53	5785	157	21.45	22.00
	106T 53	5825	165	21.28	22.00
802.11ax HE20	106T 54	5745	149	21.09	22.00
	106T 54	5785	157	21.12	22.00
	106T 54	5825	165	20.98	22.00
802.11ax HE20	242T 61	5745	149	21.25	22.00
	242T 61	5785	157	21.32	22.00
	242T 61	5825	165	21.24	22.00
802.11be HE20	26T 0	5745	149	20.81	22.00
	26T 0	5785	157	20.86	22.00
	26T 0	5825	165	20.72	22.00
802.11be HE20	26T 4	5745	149	20.40	21.00
	26T 4	5785	157	20.50	22.00
	26T 4	5825	165	20.63	22.00
802.11be HE20	26T 8	5745	149	20.68	22.00
	26T 8	5785	157	20.75	22.00
	26T 8	5825	165	21.14	22.00
802.11be HE20	52T 37	5745	149	20.65	22.00
	52T 37	5785	157	20.70	22.00
	52T 37	5825	165	20.98	22.00
802.11be HE20	52T 39	5745	149	20.53	22.00
	52T 39	5785	157	20.58	22.00
	52T 39	5825	165	20.60	22.00
802.11be HE20	52T 40	5745	149	20.45	21.00
	52T 40	5785	157	20.53	22.00
	52T 40	5825	165	20.79	22.00
802.11be HE20	106T 53	5745	149	21.64	23.00
	106T 53	5785	157	21.69	23.00
	106T 53	5825	165	21.36	22.00
802.11be HE20	106T 54	5745	149	21.33	22.00
	106T 54	5785	157	21.42	22.00
	106T 54	5825	165	21.15	22.00
802.11be HE20	242T 61	5745	149	21.50	23.00
	242T 61	5785	157	21.52	23.00
	242T 61	5825	165	21.43	22.00
802.11ax HE40	26T 0	5755	151	19.76	21.00
	26T 0	5795	159	19.66	21.00
802.11ax HE40	26T 10	5755	151	19.74	21.00
	26T 10	5795	159	19.78	21.00
802.11ax HE40	26T 17	5755	151	19.80	21.00
	26T 17	5795	159	19.84	21.00
802.11ax HE40	52T 37	5755	151	19.79	21.00
	52T 37	5795	159	19.86	21.00
802.11ax HE40	52T 41	5755	151	19.76	21.00
	52T 41	5795	159	19.83	21.00
802.11ax HE40	52T 44	5755	151	19.79	21.00
	52T 44	5795	159	19.75	21.00
802.11ax HE40	106T 53	5755	151	20.81	22.00
	106T 53	5795	159	20.77	22.00
802.11ax HE40	106T 55	5755	151	21.06	22.00
	106T 55	5795	159	21.11	22.00
802.11ax HE40	106T 56	5755	151	21.14	22.00
	106T 56	5795	159	21.10	22.00
802.11ax HE40	242T 61	5755	151	19.90	21.00
	242T 61	5795	159	19.86	21.00
802.11ax HE40	242T 62	5755	151	19.89	21.00
	242T 62	5795	159	19.84	21.00
802.11ax HE40	484T 65	5755	151	19.13	20.00
	484T 65	5795	159	19.03	20.00
802.11be HE40	26T 0	5755	151	19.65	21.00
	26T 0	5795	159	19.72	21.00
802.11be HE40	26T 10	5755	151	19.67	21.00
	26T 10	5795	159	19.71	21.00
802.11be HE40	26T 4	5755	151	19.59	21.00
	26T 4	5795	159	19.55	21.00
802.11be HE40	26T 17	5755	151	19.66	21.00
	26T 17	5795	159	19.60	21.00
802.11be HE40	26T 8	5755	151	19.25	20.00
	26T 8	5795	159	19.36	20.00
802.11be HE40	52T 37	5755	151	19.03	20.00
	52T 37	5795	159	19.12	20.00
802.11be HE40	52T 39	5755	151	19.40	20.00
	52T 39	5795	159	19.45	20.00
802.11be HE40	52T 41	5755	151	19.42	20.00
	52T 41	5795	159	19.61	21.00
802.11be HE40	52T 40	5755	151	19.31	20.00
	52T 40	5795	159	19.13	20.00
802.11be HE40	52T 44	5755	151	19.18	20.00
	52T 44	5795	159	19.14	20.00
802.11be HE40	106T 53	5755	151	20.84	22.00
	106T 53	5795	159	20.74	22.00
802.11be HE40	106T 54	5755	151	21.10	22.00
	106T 54	5795	159	21.05	22.00
802.11be HE40	106T 55	5755	151	21.15	22.00
	106T 55	5795	159	21.12	22.00
802.11be HE40	106T 56	5755	151	21.21	22.00
	106T 56	5795	159	21.18	22.00
802.11be HE40	242T 61	5755	151	19.85	21.00
	242T 61	5795	159	19.77	21.00
802.11be HE40	242T 62	5755	151	19.81	21.00
	242T 62	5795	159	19.77	21.00
802.11be HE40	484T 65	5755	151	19.05	20.00
	484T 65	5795	159	19.06	20.00
802.11ax HE80	26T 0	5775	155	19.57	21.00
802.11ax HE80	26T 18	5775	155	19.67	21.00
802.11ax HE80	26T 36	5775	155	20.33	21.00
802.11ax HE80	52T 37	5775	155	19.56	21.00
802.11ax HE80	52T 45	5775	155	19.62	21.00
802.11ax HE80	52T 52	5775	155	20.61	22.00
802.11ax HE80	106T 53	5775	155	20.73	22.00
802.11ax HE80	106T 57	5775	155	21.20	22.00
802.11ax HE80	106T 60	5775	155	21.26	22.00
802.11ax HE80	242T 61	5775	155	18.88	20.00
802.11ax HE80	242T 63	5775	155	18.97	20.00
802.11ax HE80	242T 64	5775	155	19.03	20.00
802.11ax HE80	484T 65	5775	155	18.80	20.00
802.11ax HE80	484T 66	5775	155	18.89	20.00
802.11ax HE80	996T 67	5775	155	18.72	20.00
802.11be HE80	26T 0	5775	155	19.64	21.00
802.11be HE80	26T 18	5775	155	19.70	21.00
802.11be HE80	26T 4	5775	155	19.96	21.00
802.11be HE80	26T 36	5775	155	20.00	21.00
802.11be HE80	26T 8	5775	155	20.13	21.00
802.11be HE80	52T 37	5775	155	19.61	21.00
802.11be HE80	52T 39	5775	155	19.65	21.00
802.11be HE80	52T 45	5775	155	19.67	21.00
802.11be HE80	52T 40	5775	155	20.09	21.00
802.11be HE80	52T 52	5775	155	20.14	21.00
802.11be HE80	106T 53	5775	155	20.72	22.00
802.11be HE80	106T 54	5775	155	21.20	22.00
802.11be HE80	106T 57	5775	155	21.30	22.00
802.11be HE80	106T 60	5775	155	21.27	22.00
802.11be HE80	242T 61	5775	155	18.83	20.00
802.11be HE80	242T 63	5775	155	18.89	20.00
802.11be HE80	242T 64	5775	155	18.83	20.00
802.11be HE80	484T 65	5775	155	18.82	20.00
802.11be HE80	484T 66	5775	155	18.90	20.00
802.11be HE80	996T 67	5775	155	18.75	20.00

WLAN/BT DSI2

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		8.00
		2440	19		9.00
		2480	39		8.00
	2M	2404	1		8.00
		2440	19		9.00
		2478	38		8.00
BR/EDR	GFSK	2402	0	**14.72**	16.00
		2441	39	14.31	15.00
		2480	78	13.44	14.00
	DQPSK	2402	0		13.00
		2441	39		13.00
		2480	78		11.00
	8DPSK	2402	0		13.00
		2441	39		13.00
		2480	78		12.00

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		8.00
		2440	19		9.00
		2480	39		8.00
	2M	2404	1		8.00
		2440	19		9.00
		2478	38		8.00
BR/EDR	GFSK	2402	0	**15.33**	16.00
		2441	39	15.01	16.00
		2480	78	14.89	16.00
	DQPSK	2402	0		14.00
		2441	39		14.00
		2480	78		13.00
	8DPSK	2402	0		13.00
		2441	39		13.00
		2480	78		13.00

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		/
		2440	19		/
		2480	39		/
	2M	2404	1		/
		2440	19		/
		2478	38		/
BR/EDR	GFSK	2402	0	**18.84**	20.00
		2441	39	18.81	20.00
		2480	78	18.05	19.00
	DQPSK	2402	0		18.00
		2441	39		17.00
		2480	78		16.00
	8DPSK	2402	0		18.00
		2441	39		17.00
		2480	78		17.00

WLAN2.4G Ant11					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11g	NA	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11n HT20	NA	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11n HT40	NA	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE20	26T+0	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	26T+4	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	26T+8	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	52T+37	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	52T+39	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	52T+40	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	106T+53	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	106T+54	2412	1	15.93	17.00
		2437	6	15.96	17.00
		2462	11	**15.98**	17.00
802.11ax HE20	242T+61	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE40	26T+0	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	26T+10	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	26T+17	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	52T+37	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	52T+41	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	52T+44	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	106T+53	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	106T+55	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	106T+56	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	242T+61	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	242T+62	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	484T+65	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE20	26T+0	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	26T+4	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	26T+8	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	52T+37	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	52T+39	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	52T+40	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	106T+53	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	106T+54	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	242T+61	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	26+106	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE40	26T+0	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	26T+10	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	26T+17	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	52T+37	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	52T+41	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	52T+44	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	106T+53	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	106T+55	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	106T+56	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	242T+61	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	242T+62	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	484T+65	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	26+106	2422	3		17.00

WLAN2.4G Ant9					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11g	NA	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11n HT20	NA	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11n HT40	NA	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE20	26T+0	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	26T+4	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	26T+8	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	52T+37	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	52T+39	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	52T+40	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	106T+53	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	106T+54	2412	1	15.91	17.00
		2437	6	15.89	17.00
		2462	11	**15.93**	17.00
802.11ax HE20	242T+61	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE40	26T+0	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	26T+10	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	26T+17	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	52T+37	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	52T+41	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	52T+44	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	106T+53	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	106T+55	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	106T+56	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	242T+61	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	242T+62	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE40	484T+65	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE20	26T+0	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	26T+4	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	26T+8	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	52T+37	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	52T+39	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	52T+40	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	106T+53	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	106T+54	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	242T+61	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	26+106	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE40	26T+0	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	26T+10	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	26T+17	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	52T+37	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	52T+41	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	52T+44	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	106T+53	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	106T+55	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	106T+56	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	242T+61	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	242T+62	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	484T+65	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	26+106	2422	3		17.00

WLAN2.4G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		/
		2437	6		/
		2462	11		/
802.11g	NA	2412	1		/
		2437	6		/
		2462	11		/
802.11n HT20	NA	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11n HT40	NA	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11ax HE20	26T+0	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	26T+4	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	26T+8	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	52T+37	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	52T+39	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	52T+40	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	106T+53	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	106T+54	2412	1	18.93	20.00
		2437	6	18.94	20.00
		2462	11	**18.97**	20.00
802.11ax HE20	242T+61	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE40	26T+0	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11ax HE40	26T+10	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11ax HE40	26T+17	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11ax HE40	52T+37	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11ax HE40	52T+41	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11ax HE40	52T+44	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11ax HE40	106T+53	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11ax HE40	106T+55	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11ax HE40	106T+56	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11ax HE40	242T+61	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11ax HE40	242T+62	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11ax HE40	484T+65	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE20	26T+0	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	26T+4	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	26T+8	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	52T+37	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	52T+39	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	52T+40	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	106T+53	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	106T+54	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	242T+61	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	26+106	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11be HE40	26T+0	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	26T+10	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	26T+17	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	52T+37	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	52T+41	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	52T+44	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	106T+53	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	106T+55	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	106T+56	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	242T+61	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	242T+62	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	484T+65	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	26+106	2422	3		20.00

WLAN DSI2

WLAN5.2G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11n HT20	NA	5180	36	14.62	16.00
		5200	40	**14.67**	16.00
		5220	44	14.04	15.00
		5240	48	13.85	15.00
802.11ac VHT20	NA	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11n HT40	NA	5190	38		15.00
		5230	46		15.00
802.11ac VHT40	NA	5190	38		15.00
		5230	46		15.00
802.11ac VHT80	NA	5210	42		15.00
802.11ac VHT160	NA	5250	50		15.00
802.11ax HE20	26T 0	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 4	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 8	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	52T 37	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	52T 39	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	52T 40	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	106T 53	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	106T 54	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	242T 61	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11be HE20	26T 0	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 4	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 8	5180	36		10.00
		5220	44		11.00
		5240	48		11.00
802.11be HE20	52T 37	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11be HE20	52T 39	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11be HE20	52T 40	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11be HE20	106T 53	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11be HE20	106T 54	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11be HE20	242T 61	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE40	26T 0	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 10	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 17	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 37	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 41	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 44	5190	38		15.00
		5230	46		15.00
802.11ax HE40	106T 53	5190	38		15.00
		5230	46		15.00
802.11ax HE40	106T 55	5190	38		15.00
		5230	46		15.00
802.11ax HE40	106T 56	5190	38		15.00
		5230	46		15.00
802.11ax HE40	242T 61	5190	38		15.00
		5230	46		15.00
802.11ax HE40	242T 62	5190	38		15.00
		5230	46		15.00
802.11ax HE40	484T 65	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 0	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 10	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 4	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 17	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 8	5190	38		14.00
		5230	46		14.00
802.11ax HE40	52T 37	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 39	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 41	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 40	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 44	5190	38		15.00
		5230	46		15.00
802.11ax HE40	106T 53	5190	38		15.00
		5230	46		15.00
802.11ax HE40	106T 54	5190	38		15.00
		5230	46		15.00
802.11ax HE40	106T 55	5190	38		15.00
		5230	46		15.00
802.11ax HE40	106T 56	5190	38		15.00
		5230	46		15.00
802.11ax HE40	242T 61	5190	38		15.00
		5230	46		15.00
802.11ax HE40	242T 62	5190	38		15.00
		5230	46		15.00
802.11ax HE40	484T 65	5190	38		15.00
		5230	46		15.00
802.11ax HE80	26T 0	5210	42		14.00
802.11ax HE80	26T 18	5210	42		14.00
802.11ax HE80	26T 36	5210	42		14.00
802.11ax HE80	52T 37	5210	42		15.00
802.11ax HE80	52T 45	5210	42		15.00
802.11ax HE80	52T 52	5210	42		15.00
802.11ax HE80	106T 53	5210	42		15.00
802.11ax HE80	106T 57	5210	42		15.00
802.11ax HE80	106T 60	5210	42		15.00
802.11ax HE80	242T 61	5210	42		15.00
802.11ax HE80	242T 63	5210	42		15.00
802.11ax HE80	242T 64	5210	42		15.00
802.11ax HE80	484T 65	5210	42		15.00
802.11ax HE80	484T 66	5210	42		15.00
802.11ax HE80	996T 67	5210	42		15.00
802.11be HE80	26T 0	5210	42		9.00
802.11be HE80	26T 18	5210	42		9.00
802.11be HE80	26T 4	5210	42		10.00
802.11be HE80	26T 36	5210	42		10.00
802.11be HE80	26T 8	5210	42		9.00
802.11be HE80	52T 37	5210	42		15.00
802.11be HE80	52T 39	5210	42		15.00
802.11be HE80	52T 45	5210	42		15.00
802.11be HE80	52T 40	5210	42		15.00
802.11be HE80	52T 52	5210	42		15.00
802.11be HE80	106T 53	5210	42		15.00
802.11be HE80	106T 54	5210	42		15.00
802.11be HE80	106T 57	5210	42		15.00
802.11be HE80	106T 60	5210	42		15.00
802.11be HE80	242T 61	5210	42		15.00
802.11be HE80	242T 63	5210	42		15.00
802.11be HE80	242T 64	5210	42		15.00
802.11be HE80	484T 65	5210	42		15.00
802.11be HE80	484T 66	5210	42		15.00
802.11be HE80	996T 67	5210	42		15.00
802.11ax HE160	26T L	5250	50		14.00
802.11ax HE160	26T H	5250	50		14.00
802.11ax HE160	52T L	5250	50		14.00
802.11ax HE160	52T H	5250	50		14.00
802.11ax HE160	106T L	5250	50		15.00
802.11ax HE160	106T H	5250	50		15.00
802.11ax HE160	242T L	5250	50		15.00
802.11ax HE160	242T H	5250	50		15.00
802.11ax HE160	484T L	5250	50		15.00
802.11ax HE160	484T H	5250	50		15.00
802.11ax HE160	996T L	5250	50		15.00
802.11ax HE160	996T H	5250	50		15.00
802.11ax HE160	1992T LH	5250	50		15.00
802.11be HE160	26T L	5250	50		10.00
802.11be HE160	26T H	5250	50		10.00
802.11be HE160	52T L	5250	50		15.00
802.11be HE160	52T H	5250	50		14.00
802.11be HE160	106T L	5250	50		15.00
802.11be HE160	106T H	5250	50		15.00
802.11be HE160	242T L	5250	50		15.00
802.11be HE160	242T H	5250	50		15.00
802.11be HE160	484T L	5250	50		15.00
802.11be HE160	484T H	5250	50		15.00
802.11be HE160	996T L	5250	50		15.00
802.11be HE160	996T H	5250	50		15.00
802.11be HE160	1992T LH	5250	50		15.00
802.11be HE160	484+996	5250	50		15.00
802.11be HE160	242+484+996	5250	50		15.00

WLAN5.2G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11n HT20	NA	5180	36	14.46	15.00
		5200	40	**14.51**	16.00
		5220	44	14.38	15.00
		5240	48	13.45	14.00
802.11ac VHT20	NA	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11n HT40	NA	5190	38		15.00
		5230	46		15.00
802.11ac VHT40	NA	5190	38		15.00
		5230	46		15.00
802.11ac VHT80	NA	5210	42		15.00
802.11ac VHT160	NA	5250	50		15.00
802.11ax HE20	26T 0	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 4	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 8	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	52T 37	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	52T 39	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	52T 40	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	106T 53	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	106T 54	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	242T 61	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11be HE20	26T 0	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 4	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 8	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	52T 37	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11be HE20	52T 39	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11be HE20	52T 40	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11be HE20	106T 53	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11be HE20	106T 54	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11be HE20	242T 61	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE40	26T 0	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 10	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 17	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 37	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 41	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 44	5190	38		15.00
		5230	46		15.00
802.11ax HE40	106T 53	5190	38		15.00
		5230	46		15.00
802.11ax HE40	106T 55	5190	38		15.00
		5230	46		15.00
802.11ax HE40	106T 56	5190	38		15.00
		5230	46		15.00
802.11ax HE40	242T 61	5190	38		15.00
		5230	46		15.00
802.11ax HE40	242T 62	5190	38		15.00
		5230	46		15.00
802.11ax HE40	484T 65	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 0	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 10	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 4	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 17	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 8	5190	38		14.00
		5230	46		14.00
802.11ax HE40	52T 37	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 39	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 41	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 40	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 44	5190	38		15.00
		5230	46		15.00
802.11ax HE40	106T 53	5190	38		15.00
		5230	46		15.00
802.11ax HE40	106T 54	5190	38		15.00
		5230	46		15.00
802.11ax HE40	106T 55	5190	38		15.00
		5230	46		15.00
802.11ax HE40	106T 56	5190	38		15.00
		5230	46		15.00
802.11ax HE40	242T 61	5190	38		15.00
		5230	46		15.00
802.11ax HE40	242T 62	5190	38		15.00
		5230	46		15.00
802.11ax HE40	484T 65	5190	38		15.00
		5230	46		15.00
802.11ax HE80	26T 0	5210	42		14.00
802.11ax HE80	26T 18	5210	42		14.00
802.11ax HE80	26T 36	5210	42		14.00
802.11ax HE80	52T 37	5210	42		15.00
802.11ax HE80	52T 45	5210	42		15.00
802.11ax HE80	52T 52	5210	42		15.00
802.11ax HE80	106T 53	5210	42		15.00
802.11ax HE80	106T 57	5210	42		15.00
802.11ax HE80	106T 60	5210	42		15.00
802.11ax HE80	242T 61	5210	42		15.00
802.11ax HE80	242T 63	5210	42		15.00
802.11ax HE80	242T 64	5210	42		15.00
802.11ax HE80	484T 65	5210	42		15.00
802.11ax HE80	484T 66	5210	42		15.00
802.11ax HE80	996T 67	5210	42		15.00
802.11be HE80	26T 0	5210	42		9.00
802.11be HE80	26T 18	5210	42		10.00
802.11be HE80	26T 4	5210	42		9.00
802.11be HE80	26T 36	5210	42		10.00
802.11be HE80	26T 8	5210	42		10.00
802.11be HE80	52T 37	5210	42		15.00
802.11be HE80	52T 39	5210	42		15.00
802.11be HE80	52T 45	5210	42		15.00
802.11be HE80	52T 40	5210	42		15.00
802.11be HE80	52T 52	5210	42		15.00
802.11be HE80	106T 53	5210	42		15.00
802.11be HE80	106T 54	5210	42		15.00
802.11be HE80	106T 57	5210	42		15.00
802.11be HE80	106T 60	5210	42		15.00
802.11be HE80	242T 61	5210	42		15.00
802.11be HE80	242T 63	5210	42		15.00
802.11be HE80	242T 64	5210	42		15.00
802.11be HE80	484T 65	5210	42		15.00
802.11be HE80	484T 66	5210	42		15.00
802.11be HE80	996T 67	5210	42		15.00
802.11ax HE160	26T L	5250	50		14.00
802.11ax HE160	26T H	5250	50		14.00
802.11ax HE160	52T L	5250	50		14.00
802.11ax HE160	52T H	5250	50		14.00
802.11ax HE160	106T L	5250	50		15.00
802.11ax HE160	106T H	5250	50		15.00
802.11ax HE160	242T L	5250	50		15.00
802.11ax HE160	242T H	5250	50		15.00
802.11ax HE160	484T L	5250	50		15.00
802.11ax HE160	484T H	5250	50		15.00
802.11ax HE160	996T L	5250	50		15.00
802.11ax HE160	996T H	5250	50		15.00
802.11ax HE160	1992T LH	5250	50		15.00
802.11be HE160	26T L	5250	50		10.00
802.11be HE160	26T H	5250	50		10.00
802.11be HE160	52T L	5250	50		14.00
802.11be HE160	52T H	5250	50		14.00
802.11be HE160	106T L	5250	50		15.00
802.11be HE160	106T H	5250	50		15.00
802.11be HE160	242T L	5250	50		15.00
802.11be HE160	242T H	5250	50		15.00
802.11be HE160	484T L	5250	50		15.00
802.11be HE160	484T H	5250	50		15.00
802.11be HE160	996T L	5250	50		15.00
802.11be HE160	996T H	5250	50		15.00
802.11be HE160	1992T LH	5250	50		15.00
802.11be HE160	484+996	5250	50		15.00
802.11be HE160	242+484+996	5250	50		15.00

WLAN5.2G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		/
		5220	44		/
		5240	48		/
802.11n HT20	NA	5180	36	17.55	19.00
		5200	40	**17.60**	19.00
		5220	44	17.22	18.00
		5240	48	16.66	18.00
802.11ac VHT20	NA	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11n HT40	NA	5190	38		18.00
		5230	46		18.00
802.11ac VHT40	NA	5190	38		18.00
		5230	46		18.00
802.11ac VHT80	NA	5210	42		18.00
802.11ac VHT160	NA	5250	50		18.00
802.11ax HE20	26T 0	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	26T 4	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	26T 8	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	52T 37	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	52T 39	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	52T 40	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	106T 53	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	106T 54	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	242T 61	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	26T 0	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	26T 4	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	26T 8	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	52T 37	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	52T 39	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	52T 40	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	106T 53	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	106T 54	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	242T 61	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE40	26T 0	5190	38		18.00
		5230	46		18.00
802.11ax HE40	26T 10	5190	38		18.00
		5230	46		18.00
802.11ax HE40	26T 17	5190	38		18.00
		5230	46		18.00
802.11ax HE40	52T 37	5190	38		18.00
		5230	46		18.00
802.11ax HE40	52T 41	5190	38		18.00
		5230	46		18.00
802.11ax HE40	52T 44	5190	38		18.00
		5230	46		18.00
802.11ax HE40	106T 53	5190	38		18.00
		5230	46		18.00
802.11ax HE40	106T 55	5190	38		18.00
		5230	46		18.00
802.11ax HE40	106T 56	5190	38		18.00
		5230	46		18.00
802.11ax HE40	242T 61	5190	38		18.00
		5230	46		18.00
802.11ax HE40	242T 62	5190	38		18.00
		5230	46		18.00
802.11ax HE40	484T 65	5190	38		18.00
		5230	46		18.00
802.11ax HE80	26T 0	5210	42		17.00
802.11ax HE80	26T 18	5210	42		17.00
802.11ax HE80	26T 36	5210	42		17.00
802.11ax HE80	52T 37	5210	42		18.00
802.11ax HE80	52T 45	5210	42		18.00
802.11ax HE80	52T 52	5210	42		18.00
802.11ax HE80	106T 53	5210	42		18.00
802.11ax HE80	106T 57	5210	42		18.00
802.11ax HE80	106T 60	5210	42		18.00
802.11ax HE80	242T 61	5210	42		18.00
802.11ax HE80	242T 63	5210	42		18.00
802.11ax HE80	242T 64	5210	42		18.00
802.11ax HE80	484T 65	5210	42		18.00
802.11ax HE80	484T 66	5210	42		18.00
802.11ax HE80	996T 67	5210	42		18.00
802.11be HE80	26T 0	5210	42		12.00
802.11be HE80	26T 18	5210	42		13.00
802.11be HE80	26T 4	5210	42		13.00
802.11be HE80	26T 36	5210	42		13.00
802.11be HE80	26T 8	5210	42		12.00
802.11be HE80	52T 37	5210	42		18.00
802.11be HE80	52T 39	5210	42		18.00
802.11be HE80	52T 45	5210	42		18.00
802.11be HE80	52T 40	5210	42		18.00
802.11be HE80	52T 52	5210	42		18.00
802.11be HE80	106T 53	5210	42		18.00
802.11be HE80	106T 54	5210	42		18.00
802.11be HE80	106T 57	5210	42		18.00
802.11be HE80	106T 60	5210	42		18.00
802.11be HE80	242T 61	5210	42		18.00
802.11be HE80	242T 63	5210	42		18.00
802.11be HE80	242T 64	5210	42		18.00
802.11be HE80	484T 65	5210	42		18.00
802.11be HE80	484T 66	5210	42		18.00
802.11be HE80	996T 67	5210	42		18.00
802.11ax HE160	26T L	5250	50		17.00
802.11ax HE160	26T H	5250	50		17.00
802.11ax HE160	52T L	5250	50		17.00
802.11ax HE160	52T H	5250	50		17.00
802.11ax HE160	106T L	5250	50		18.00
802.11ax HE160	106T H	5250	50		18.00
802.11ax HE160	242T L	5250	50		18.00
802.11ax HE160	242T H	5250	50		18.00
802.11ax HE160	484T L	5250	50		18.00
802.11ax HE160	484T H	5250	50		18.00
802.11ax HE160	996T L	5250	50		18.00
802.11ax HE160	996T H	5250	50		18.00
802.11ax HE160	1992T LH	5250	50		18.00
802.11be HE160	26T L	5250	50		13.00
802.11be HE160	26T H	5250	50		13.00
802.11be HE160	52T L	5250	50		17.00
802.11be HE160	52T H	5250	50		17.00
802.11be HE160	106T L	5250	50		18.00
802.11be HE160	106T H	5250	50		18.00
802.11be HE160	242T L	5250	50		18.00
802.11be HE160	242T H	5250	50		18.00
802.11be HE160	484T L	5250	50		18.00
802.11be HE160	484T H	5250	50		18.00
802.11be HE160	996T L	5250	50		18.00
802.11be HE160	996T H	5250	50		18.00
802.11be HE160	1992T LH	5250	50

WLAN DSI2

WLAN5.3G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11n HT20	NA	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11ac VHT20	NA	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11n HT40	NA	5270	54		15.00
		5310	62		15.00
802.11ac VHT40	NA	5270	54		15.00
		5310	62		15.00
802.11ac VHT80	NA	5290	58		15.00
802.11ax HE20	26T 0	5260	52		10.00
		5280	56		11.00
		5320	64		11.00
802.11ax HE20	26T 4	5260	52		10.00
		5280	56		10.00
		5320	64		11.00
802.11ax HE20	26T 8	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11ax HE20	52T 37	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11ax HE20	52T 39	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11ax HE20	52T 40	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11ax HE20	106T 53	5260	52	13.83	15.00
		5280	56	13.75	15.00
		5300	60	14.33	15.00
		5320	64	**14.45**	15.00
802.11ax HE20	106T 54	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11ax HE20	242T 61	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11be HE20	26T 0	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 4	5260	52		10.00
		5280	56		10.00
		5320	64		11.00
802.11be HE20	26T 8	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	52T 37	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11be HE20	52T 39	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11be HE20	52T 40	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11be HE20	106T 53	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11be HE20	106T 54	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11be HE20	242T 61	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11ax HE40	26T 0	5270	54		14.00
		5310	62		11.00
802.11ax HE40	26T 10	5270	54		15.00
		5310	62		11.00
802.11ax HE40	26T 17	5270	54		14.00
		5310	62		11.00
802.11ax HE40	52T 37	5270	54		15.00
		5310	62		15.00
802.11ax HE40	52T 41	5270	54		15.00
		5310	62		15.00
802.11ax HE40	52T 44	5270	54		15.00
		5310	62		15.00
802.11ax HE40	106T 53	5270	54		15.00
		5310	62		15.00
802.11ax HE40	106T 55	5270	54		15.00
		5310	62		15.00
802.11ax HE40	106T 56	5270	54		15.00
		5310	62		15.00
802.11ax HE40	242T 61	5270	54		15.00
		5310	62		15.00
802.11ax HE40	242T 62	5270	54		15.00
		5310	62		15.00
802.11ax HE40	484T 65	5270	54		15.00
		5310	62		15.00
802.11be HE40	26T 0	5270	54		14.00
		5310	62		11.00
802.11be HE40	26T 10	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 4	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 17	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 8	5270	54		14.00
		5310	62		14.00
802.11be HE40	52T 37	5270	54		15.00
		5310	62		15.00
802.11be HE40	52T 39	5270	54		15.00
		5310	62		15.00
802.11be HE40	52T 41	5270	54		15.00
		5310	62		15.00
802.11be HE40	52T 40	5270	54		15.00
		5310	62		15.00
802.11be HE40	52T 44	5270	54		15.00
		5310	62		15.00
802.11be HE40	106T 53	5270	54		15.00
		5310	62		15.00
802.11be HE40	106T 54	5270	54		15.00
		5310	62		15.00
802.11be HE40	106T 55	5270	54		15.00
		5310	62		15.00
802.11be HE40	106T 56	5270	54		15.00
		5310	62		15.00
802.11be HE40	242T 61	5270	54		15.00
		5310	62		15.00
802.11be HE40	242T 62	5270	54		15.00
		5310	62		15.00
802.11be HE40	484T 65	5270	54		15.00
		5310	62		15.00
802.11be HE80	26T 0	5290	58		11.00
802.11ax HE80	26T 18	5290	58		11.00
802.11ax HE80	26T 36	5290	58		11.00
802.11ax HE80	52T 37	5290	58		15.00
802.11ax HE80	52T 45	5290	58		15.00
802.11ax HE80	52T 52	5290	58		15.00
802.11ax HE80	106T 53	5290	58		15.00
802.11ax HE80	106T 57	5290	58		15.00
802.11ax HE80	106T 60	5290	58		15.00
802.11ax HE80	242T 61	5290	58		15.00
802.11ax HE80	242T 63	5290	58		15.00
802.11ax HE80	242T 64	5290	58		15.00
802.11ax HE80	484T 65	5290	58		15.00
802.11ax HE80	484T 66	5290	58		15.00
802.11ax HE80	996T 67	5290	58		15.00
802.11be HE80	26T 0	5290	58		10.00
802.11be HE80	26T 18	5290	58		10.00
802.11be HE80	26T 4	5290	58		11.00
802.11be HE80	26T 36	5290	58		10.00
802.11be HE80	26T 8	5290	58		10.00
802.11be HE80	52T 37	5290	58		15.00
802.11be HE80	52T 39	5290	58		15.00
802.11be HE80	52T 45	5290	58		15.00
802.11be HE80	52T 40	5290	58		15.00
802.11be HE80	52T 52	5290	58		15.00
802.11be HE80	106T 53	5290	58		15.00
802.11be HE80	106T 54	5290	58		15.00
802.11be HE80	106T 57	5290	58		15.00
802.11be HE80	106T 60	5290	58		15.00
802.11be HE80	242T 61	5290	58		15.00
802.11be HE80	242T 63	5290	58		15.00
802.11be HE80	242T 64	5290	58		15.00
802.11be HE80	484T 65	5290	58		15.00
802.11be HE80	484T 66	5290	58		15.00
802.11be HE80	996T 67	5290	58		15.00

WLAN5.3G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11n HT20	NA	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11ac VHT20	NA	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11n HT40	NA	5270	54		15.00
		5310	62		15.00
802.11ac VHT40	NA	5270	54		15.00
		5310	62		15.00
802.11ac VHT80	NA	5290	58		15.00
802.11ax HE20	26T 0	5260	52		10.00
		5280	56		10.00
		5320	64		10.00
802.11ax HE20	26T 4	5260	52		11.00
		5280	56		11.00
		5320	64		10.00
802.11ax HE20	26T 8	5260	52		10.00
		5280	56		11.00
		5320	64		10.00
802.11ax HE20	52T 37	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11ax HE20	52T 39	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11ax HE20	52T 40	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11ax HE20	106T 53	5260	52	13.92	15.00
		5280	56	14.03	15.00
		5300	60	14.28	15.00
		5320	64	**14.34**	15.00
802.11ax HE20	106T 54	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11ax HE20	242T 61	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11be HE20	26T 0	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 4	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 8	5260	52		10.00
		5280	56		10.00
		5320	64		10.00
802.11be HE20	52T 37	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11be HE20	52T 39	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11be HE20	52T 40	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11be HE20	106T 53	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11be HE20	106T 54	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11be HE20	242T 61	5260	52		15.00
		5280	56		15.00
		5320	64		15.00
802.11ax HE40	26T 0	5270	54		15.00
		5310	62		10.00
802.11ax HE40	26T 10	5270	54		15.00
		5310	62		10.00
802.11ax HE40	26T 17	5270	54		14.00
		5310	62		11.00
802.11ax HE40	52T 37	5270	54		15.00
		5310	62		15.00
802.11ax HE40	52T 41	5270	54		15.00
		5310	62		15.00
802.11ax HE40	52T 44	5270	54		15.00
		5310	62		15.00
802.11ax HE40	106T 53	5270	54		15.00
		5310	62		15.00
802.11ax HE40	106T 55	5270	54		15.00
		5310	62		15.00
802.11ax HE40	106T 56	5270	54		15.00
		5310	62		15.00
802.11ax HE40	242T 61	5270	54		15.00
		5310	62		15.00
802.11ax HE40	242T 62	5270	54		15.00
		5310	62		15.00
802.11ax HE40	484T 65	5270	54		15.00
		5310	62		15.00
802.11be HE40	26T 0	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 10	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 4	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 17	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 8	5270	54		14.00
		5310	62		14.00
802.11be HE40	52T 37	5270	54		15.00
		5310	62		15.00
802.11be HE40	52T 39	5270	54		15.00
		5310	62		15.00
802.11be HE40	52T 41	5270	54		15.00
		5310	62		15.00
802.11be HE40	52T 40	5270	54		15.00
		5310	62		15.00
802.11be HE40	52T 44	5270	54		15.00
		5310	62		15.00
802.11be HE40	106T 53	5270	54		15.00
		5310	62		15.00
802.11be HE40	106T 54	5270	54		15.00
		5310	62		15.00
802.11be HE40	106T 55	5270	54		15.00
		5310	62		15.00
802.11be HE40	106T 56	5270	54		15.00
		5310	62		15.00
802.11be HE40	242T 61	5270	54		15.00
		5310	62		15.00
802.11be HE40	242T 62	5270	54		15.00
		5310	62		15.00
802.11be HE40	484T 65	5270	54		15.00
		5310	62		15.00
802.11ax HE80	26T 0	5290	58		11.00
802.11ax HE80	26T 18	5290	58		11.00
802.11ax HE80	26T 36	5290	58		11.00
802.11ax HE80	52T 37	5290	58		15.00
802.11ax HE80	52T 45	5290	58		15.00
802.11ax HE80	52T 52	5290	58		15.00
802.11ax HE80	106T 53	5290	58		15.00
802.11ax HE80	106T 57	5290	58		15.00
802.11ax HE80	106T 60	5290	58		15.00
802.11ax HE80	242T 61	5290	58		15.00
802.11ax HE80	242T 63	5290	58		15.00
802.11ax HE80	242T 64	5290	58		15.00
802.11ax HE80	484T 65	5290	58		15.00
802.11ax HE80	484T 66	5290	58		15.00
802.11ax HE80	996T 67	5290	58		15.00
802.11be HE80	26T 0	5290	58		10.00
802.11be HE80	26T 18	5290	58		10.00
802.11be HE80	26T 4	5290	58		10.00
802.11be HE80	26T 36	5290	58		10.00
802.11be HE80	26T 8	5290	58		11.00
802.11be HE80	52T 37	5290	58		15.00
802.11be HE80	52T 39	5290	58		15.00
802.11be HE80	52T 45	5290	58		15.00
802.11be HE80	52T 40	5290	58		15.00
802.11be HE80	52T 52	5290	58		15.00
802.11be HE80	106T 53	5290	58		15.00
802.11be HE80	106T 54	5290	58		15.00
802.11be HE80	106T 57	5290	58		15.00
802.11be HE80	106T 60	5290	58		15.00
802.11be HE80	242T 61	5290	58		15.00
802.11be HE80	242T 63	5290	58		15.00
802.11be HE80	242T 64	5290	58		15.00
802.11be HE80	484T 65	5290	58		15.00
802.11be HE80	484T 66	5290	58		15.00
802.11be HE80	996T 67	5290	58		15.00

WLAN5.3G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		/
		5280	56		/
		5320	64		/
802.11n HT20	NA	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11ac VHT20	NA	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11n HT40	NA	5270	54		18.00
		5310	62		18.00
802.11ac VHT40	NA	5270	54		18.00
		5310	62		18.00
802.11ac VHT80	NA	5290	58		18.00
802.11ax HE20	26T 0	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11ax HE20	26T 4	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11ax HE20	26T 8	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11ax HE20	52T 37	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11ax HE20	52T 39	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11ax HE20	52T 40	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11ax HE20	106T 53	5260	52	16.89	18.00
		5280	56	16.90	18.00
		5300	60	17.32	18.00
		5320	64	**17.41**	18.00
802.11ax HE20	106T 54	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11ax HE20	242T 61	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	26T 0	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	26T 4	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	26T 8	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	52T 37	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	52T 39	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	52T 40	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	106T 53	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	106T 54	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	242T 61	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11ax HE40	26T 0	5270	54		18.00
		5310	62		18.00
802.11ax HE40	26T 10	5270	54		18.00
		5310	62		18.00
802.11ax HE40	26T 17	5270	54		18.00
		5310	62		18.00
802.11ax HE40	52T 37	5270	54		18.00
		5310	62		18.00
802.11ax HE40	52T 41	5270	54		18.00
		5310	62		18.00
802.11ax HE40	52T 44	5270	54		18.00
		5310	62		18.00
802.11ax HE40	106T 53	5270	54		18.00
		5310	62		18.00
802.11ax HE40	106T 55	5270	54		18.00
		5310	62		18.00
802.11ax HE40	106T 56	5270	54		18.00
		5310	62		18.00
802.11ax HE40	242T 61	5270	54		18.00
		5310	62		18.00
802.11ax HE40	242T 62	5270	54		18.00
		5310	62		18.00
802.11ax HE40	484T 65	5270	54		18.00
		5310	62		18.00
802.11be HE40	26T 0	5270	54		18.00
		5310	62		18.00
802.11be HE40	26T 10	5270	54		18.00
		5310	62		18.00
802.11be HE40	26T 4	5270	54		18.00
		5310	62		18.00
802.11be HE40	26T 17	5270	54		18.00
		5310	62		18.00
802.11be HE40	26T 8	5270	54		18.00
		5310	62		18.00
802.11be HE40	52T 37	5270	54		18.00
		5310	62		18.00
802.11be HE40	52T 39	5270	54		18.00
		5310	62		18.00
802.11be HE40	52T 41	5270	54		18.00
		5310	62		18.00
802.11be HE40	52T 40	5270	54		18.00
		5310	62		18.00
802.11be HE40	52T 44	5270	54		18.00
		5310	62		18.00
802.11be HE40	106T 53	5270	54		18.00
		5310	62		18.00
802.11be HE40	106T 54	5270	54		18.00
		5310	62		18.00
802.11be HE40	106T 55	5270	54		18.00
		5310	62		18.00
802.11be HE40	106T 56	5270	54		18.00
		5310	62		18.00
802.11be HE40	242T 61	5270	54		18.00
		5310	62		18.00
802.11be HE40	242T 62	5270	54		18.00
		5310	62		18.00
802.11be HE40	484T 65	5270	54		18.00
		5310	62		18.00
802.11ax HE80	26T 0	5290	58		18.00
802.11ax HE80	26T 18	5290	58		18.00
802.11ax HE80	26T 36	5290	58		18.00
802.11ax HE80	52T 37	5290	58		18.00
802.11ax HE80	52T 45	5290	58		18.00
802.11ax HE80	52T 52	5290	58		18.00
802.11ax HE80	106T 53	5290	58		18.00
802.11ax HE80	106T 57	5290	58		18.00
802.11ax HE80	106T 60	5290	58		18.00
802.11ax HE80	242T 61	5290	58		18.00
802.11ax HE80	242T 63	5290	58		18.00
802.11ax HE80	242T 64	5290	58		18.00
802.11ax HE80	484T 65	5290	58		18.00
802.11ax HE80	484T 66	5290	58		18.00
802.11ax HE80	996T 67	5290	58		18.00
802.11be HE80	26T 0	5290	58		18.00
802.11be HE80	26T 18	5290	58		18.00
802.11be HE80	26T 4	5290	58		18.00
802.11be HE80	26T 36	5290	58		18.00
802.11be HE80	26T 8	5290	58		18.00
802.11be HE80	52T 37	5290	58		18.00
802.11be HE80	52T 39	5290	58		18.00
802.11be HE80	52T 45	5290	58		18.00
802.11be HE80	52T 40	5290	58		18.00
802.11be HE80	52T 52	5290	58		18.00
802.11be HE80	106T 53	5290	58		18.00
802.11be HE80	106T 54	5290	58		18.00
802.11be HE80	106T 57	5290	58		18.00
802.11be HE80	106T 60	5290	58		18.00
802.11be HE80	242T 61	5290	58		18.00
802.11be HE80	242T 63	5290	58		18.00
802.11be HE80	242T 64	5290	58		18.00
802.11be HE80	484T 65	5290	58		18.00
802.11be HE80	484T 66	5290	58		18.00
802.11be HE80	996T 67	5290	58		18.00

WLAN DSI2

WLAN5.6G Ant13

Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11n HT20	NA	5500	100	14.87	16.00
		5580	116	14.89	16.00
		5620	124	14.91	16.00
		5660	132	14.76	16.00
		5700	140	**14.92**	16.00
		5720	144	14.85	16.00
802.11ac VHT20	NA	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11n HT40	NA	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11ac VHT40	NA	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11ac VHT80	NA	5530	106		16.00
		5610	122		16.00
802.11ac VHT160	NA	5570	114		16.00
802.11ax HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	26T 4	5500	100		9.00
		5580	116		9.00
		5700	140		10.00
802.11ax HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	52T 37	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	52T 39	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	52T 40	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	106T 53	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	106T 54	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	242T 61	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	26T 4	5500	100		9.00
		5580	116		9.00
		5700	140		10.00
802.11be HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	52T 37	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	52T 39	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	52T 40	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	106T 53	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	106T 54	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	242T 61	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE40	26T 0	5510	102		10.00
		5670	134		10.00
802.11ax HE40	26T 10	5510	102		10.00
		5670	134		10.00
802.11ax HE40	26T 17	5510	102		10.00
		5670	134		10.00
802.11ax HE40	52T 37	5510	102		16.00
		5670	134		16.00
802.11ax HE40	52T 41	5510	102		16.00
		5670	134		16.00
802.11ax HE40	52T 44	5510	102		16.00
		5670	134		16.00
802.11ax HE40	106T 53	5510	102		16.00
		5670	134		16.00
802.11ax HE40	106T 55	5510	102		16.00
		5670	134		16.00
802.11ax HE40	106T 56	5510	102		16.00
		5670	134		16.00
802.11ax HE40	242T 61	5510	102		16.00
		5670	134		16.00
802.11ax HE40	242T 62	5510	102		16.00
		5670	134		16.00
802.11ax HE40	484T 65	5510	102		16.00
		5670	134		16.00
802.11be HE40	26T 0	5510	102		14.00
		5670	134		14.00
802.11be HE40	26T 10	5510	102		14.00
		5670	134		15.00
802.11be HE40	26T 4	5510	102		15.00
		5590	118		14.00
		5670	134		15.00
802.11be HE40	26T 17	5510	102		15.00
		5670	134		14.00
802.11be HE40	26T 8	5510	102		14.00
		5590	118		14.00
		5670	134		14.00
802.11be HE40	52T 37	5510	102		16.00
		5670	134		16.00
802.11be HE40	52T 39	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11be HE40	52T 41	5510	102		16.00
		5670	134		16.00
802.11be HE40	52T 40	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11be HE40	52T 44	5510	102		16.00
		5670	134		16.00
802.11be HE40	106T 53	5510	102		16.00
		5670	134		16.00
802.11be HE40	106T 54	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11be HE40	106T 55	5510	102		16.00
		5670	134		16.00
802.11be HE40	106T 56	5510	102		16.00
		5670	134		16.00
802.11be HE40	242T 61	5510	102		16.00
		5670	134		16.00
802.11be HE40	242T 62	5510	102		16.00
		5670	134		16.00
802.11be HE40	484T 65	5510	102		16.00
		5670	134		16.00
802.11be HE80	26T 0	5530	106		14.00
		5610	122		14.00
802.11be HE80	26T 18	5530	106		14.00
		5610	122		14.00
802.11ax HE80	26T 36	5530	106		14.00
		5610	122		14.00
802.11be HE80	52T 37	5530	106		16.00
		5610	122		16.00
802.11be HE80	52T 45	5530	106		16.00
		5610	122		16.00
802.11be HE80	52T 52	5530	106		16.00
		5610	122		16.00
802.11be HE80	106T 53	5530	106		16.00
		5610	122		16.00
802.11be HE80	106T 57	5530	106		16.00
		5610	122		16.00
802.11be HE80	106T 60	5530	106		16.00
		5610	122		16.00
802.11be HE80	242T 61	5530	106		16.00
		5610	122		16.00
802.11be HE80	242T 63	5530	106		16.00
		5610	122		16.00
802.11be HE80	242T 64	5530	106		16.00
		5610	122		16.00
802.11be HE80	484T 65	5530	106		16.00
		5610	122		16.00
802.11be HE80	484T 66	5530	106		16.00
		5610	122		16.00
802.11be HE80	996T 67	5530	106		16.00
		5610	122		16.00
802.11ax HE160	26T L	5570	114		13.00
802.11ax HE160	26T H	5570	114		14.00
802.11ax HE160	52T L	5570	114		16.00
802.11ax HE160	52T H	5570	114		16.00
802.11ax HE160	106T L	5570	114		16.00
802.11ax HE160	106T H	5570	114		16.00
802.11ax HE160	242T L	5570	114		15.00
802.11ax HE160	242T H	5570	114		15.00
802.11ax HE160	484T L	5570	114		15.00
802.11ax HE160	484T H	5570	114		15.00
802.11ax HE160	996T L	5570	114		15.00
802.11ax HE160	996T H	5570	114		15.00
802.11ax HE160	1992T LH	5570	114		15.00
802.11ax HE160	484+996	5570	114		15.00
802.11ax HE160	242+484+996	5570	114		15.00

WLAN5.6G Ant12

Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11n HT20	NA	5500	100	14.69	16.00
		5580	116	14.56	16.00
		5620	124	14.63	16.00
		5660	132	14.57	16.00
		5700	140	**14.84**	16.00
		5720	144	14.76	16.00
802.11ac VHT20	NA	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11n HT40	NA	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11ac VHT40	NA	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11ac VHT80	NA	5530	106		16.00
		5610	122		16.00
802.11ac VHT160	NA	5570	114		16.00
802.11ax HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	26T 4	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	52T 37	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	52T 39	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	52T 40	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	106T 53	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	106T 54	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	242T 61	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	26T 4	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	52T 37	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	52T 39	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	52T 40	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	106T 53	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	106T 54	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	242T 61	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE40	26T 0	5510	102		10.00
		5670	134		10.00
802.11ax HE40	26T 10	5510	102		10.00
		5670	134		11.00
802.11ax HE40	26T 17	5510	102		11.00
		5670	134		10.00
802.11ax HE40	52T 37	5510	102		16.00
		5670	134		16.00
802.11ax HE40	52T 41	5510	102		16.00
		5670	134		16.00
802.11ax HE40	52T 44	5510	102		16.00
		5670	134		16.00
802.11ax HE40	106T 53	5510	102		16.00
		5670	134		16.00
802.11ax HE40	106T 55	5510	102		16.00
		5670	134		16.00
802.11ax HE40	106T 56	5510	102		16.00
		5670	134		16.00
802.11ax HE40	242T 61	5510	102		16.00
		5670	134		16.00
802.11ax HE40	242T 62	5510	102		16.00
		5670	134		16.00
802.11ax HE40	484T 65	5510	102		16.00
		5670	134		16.00
802.11be HE40	26T 0	5510	102		15.00
		5670	134		15.00
802.11be HE40	26T 10	5510	102		15.00
		5670	134		15.00
802.11be HE40	26T 4	5510	102		15.00
		5590	118		14.00
		5670	134		15.00
802.11be HE40	26T 17	5510	102		15.00
		5670	134		14.00
802.11be HE40	26T 8	5510	102		14.00
		5590	118		14.00
		5670	134		14.00
802.11be HE40	52T 37	5510	102		16.00
		5670	134		16.00
802.11be HE40	52T 39	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11be HE40	52T 41	5510	102		16.00
		5670	134		16.00
802.11be HE40	52T 40	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11be HE40	52T 44	5510	102		16.00
		5670	134		16.00
802.11be HE40	106T 53	5510	102		16.00
		5670	134		16.00
802.11be HE40	106T 54	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11be HE40	106T 55	5510	102		16.00
		5670	134		16.00
802.11be HE40	106T 56	5510	102		16.00
		5670	134		16.00
802.11be HE40	242T 61	5510	102		16.00
		5670	134		16.00
802.11be HE40	242T 62	5510	102		16.00
		5670	134		16.00
802.11be HE40	484T 65	5510	102		16.00
		5670	134		16.00
802.11be HE80	26T 0	5530	106		15.00
		5610	122		15.00
802.11be HE80	26T 18	5530	106		15.00
		5610	122		15.00
802.11ax HE80	26T 36	5530	106		15.00
		5610	122		15.00
802.11be HE80	52T 37	5530	106		16.00
		5610	122		16.00
802.11be HE80	52T 45	5530	106		16.00
		5610	122		16.00
802.11be HE80	52T 52	5530	106		16.00
		5610	122		16.00
802.11be HE80	106T 53	5530	106		16.00
		5610	122		16.00
802.11be HE80	106T 57	5530	106		16.00
		5610	122		16.00
802.11be HE80	106T 60	5530	106		16.00
		5610	122		16.00
802.11be HE80	242T 61	5530	106		16.00
		5610	122		16.00
802.11be HE80	242T 63	5530	106		16.00
		5610	122		16.00
802.11be HE80	242T 64	5530	106		16.00
		5610	122		16.00
802.11be HE80	484T 65	5530	106		16.00
		5610	122		16.00
802.11be HE80	484T 66	5530	106		16.00
		5610	122		16.00
802.11be HE80	996T 67	5530	106		16.00
		5610	122		16.00
802.11ax HE160	26T L	5570	114		14.00
802.11ax HE160	26T H	5570	114		14.00
802.11ax HE160	52T L	5570	114		16.00
802.11ax HE160	52T H	5570	114		16.00
802.11ax HE160	106T L	5570	114		16.00
802.11ax HE160	106T H	5570	114		16.00
802.11ax HE160	242T L	5570	114		15.00
802.11ax HE160	242T H	5570	114		15.00
802.11ax HE160	484T L	5570	114		15.00
802.11ax HE160	484T H	5570	114		15.00
802.11ax HE160	996T L	5570	114		15.00
802.11ax HE160	996T H	5570	114		15.00
802.11ax HE160	1992T LH	5570	114		15.00
802.11ax HE160	484+996	5570	114		15.00
802.11ax HE160	242+484+996	5570	114		15.00

WLAN5.6G MIMO

Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		/
		5580	116		/
		5700	140		/
802.11n HT20	NA	5500	100	17.79	19.00
		5580	116	17.74	19.00
		5620	124	17.75	19.00
		5660	132	17.68	19.00
		5700	140	**17.89**	19.00
		5720	144	17.82	19.00
802.11ac VHT20	NA	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11n HT40	NA	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
802.11ac VHT40	NA	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
802.11ac VHT80	NA	5530	106		19.00
		5610	122		19.00
802.11ac VHT160	NA	5570	114		19.00
802.11ax HE20	26T 0	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11ax HE20	26T 4	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11ax HE20	26T 8	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11ax HE20	52T 37	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	52T 39	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	52T 40	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	106T 53	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	106T 54	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	242T 61	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	26T 0	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11be HE20	26T 4	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11be HE20	26T 8	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11be HE20	52T 37	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	52T 39	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	52T 40	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	106T 53	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	106T 54	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	242T 61	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE40	26T 0	5510	102		13.00
		5670	134		13.00
802.11ax HE40	26T 10	5510	102		13.00
		5670	134		13.00
802.11ax HE40	26T 17	5510	102		13.00
		5670	134		13.00
802.11ax HE40	52T 37	5510	102		19.00
		5670	134		19.00
802.11ax HE40	52T 41	5510	102		19.00
		5670	134		19.00
802.11ax HE40	52T 44	5510	102		19.00
		5670	134		19.00
802.11ax HE40	106T 53	5510	102		19.00
		5670	134		19.00
802.11ax HE40	106T 55	5510	102		19.00
		5670	134		19.00
802.11ax HE40	106T 56	5510	102		19.00
		5670	134		19.00
802.11ax HE40	242T 61	5510	102		19.00
		5670	134		19.00
802.11ax HE40	242T 62	5510	102		19.00
		5670	134		19.00
802.11ax HE40	484T 65	5510	102		19.00
		5670	134		19.00
802.11be HE40	26T 0	5510	102		18.00
		5670	134		18.00
802.11be HE40	26T 10	5510	102		18.00
		5670	134		18.00
802.11be HE40	26T 4	5510	102		18.00
		5590	118		17.00
		5670	134		18.00
802.11be HE40	26T 17	5510	102		18.00
		5670	134		17.00
802.11be HE40	26T 8	5510	102		17.00
		5590	118		17.00
		5670	134		17.00
802.11be HE40	52T 37	5510	102		19.00
		5670	134		19.00
802.11be HE40	52T 39	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
802.11be HE40	52T 41	5510	102		19.00
		5670	134		19.00
802.11be HE40	52T 40	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
802.11be HE40	52T 44	5510	102		19.00
		5670	134		19.00
802.11be HE40	106T 53	5510	102		19.00
		5670	134		19.00
802.11be HE40	106T 54	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
802.11be HE40	106T 55	5510	102		19.00
		5670	134		19.00
802.11be HE40	106T 56	5510	102		19.00
		5670	134		19.00
802.11be HE40	242T 61	5510	102		19.00
		5670	134		19.00
802.11be HE40	242T 62	5510	102		19.00
		5670	134		19.00
802.11be HE40	484T 65	5510	102		19.00
		5670	134		19.00
802.11be HE80	26T 0	5530	106		17.00
		5610	122		17.00
802.11be HE80	26T 18	5530	106		17.00
		5610	122		17.00
802.11ax HE80	26T 36	5530	106		17.00
		5610	122		18.00
802.11be HE80	52T 37	5530	106		19.00
		5610	122		19.00
802.11be HE80	52T 45	5530	106		19.00
		5610	122		19.00
802.11be HE80	52T 52	5530	106		19.00
		5610	122		19.00
802.11be HE80	106T 53	5530	106		19.00
		5610	122		19.00
802.11be HE80	106T 54	5530	106		19.00
		5610	122		19.00
802.11be HE80	106T 57	5530	106		19.00
		5610	122		19.00
802.11be HE80	106T 60	5530	106		19.00
		5610	122		19.00
802.11be HE80	242T 61	5530	106		19.00
		5610	122		19.00
802.11be HE80	242T 63	5530	106		19.00
		5610	122		19.00
802.11be HE80	242T 64	5530	106		19.00
		5610	122		19.00
802.11be HE80	484T 65	5530	106		19.00
		5610	122		19.00
802.11be HE80	484T 66	5530	106		19.00
		5610	122		19.00
802.11be HE80	996T 67	5530	106		19.00
		5610	122		19.00
802.11ax HE160	26T L	5570	114		16.00
802.11ax HE160	26T H	5570	114		17.00
802.11ax HE160	52T L	5570	114		19.00
802.11ax HE160	52T H	5570	114		19.00
802.11ax HE160	106T L	5570	114		19.00
802.11ax HE160	106T H	5570	114		19.00
802.11ax HE160	242T L	5570	114		18.00
802.11ax HE160	242T H	5570	114		18.00
802.11ax HE160	484T L	5570	114		18.00
802.11ax HE160	484T H	5570	114		18.00
802.11ax HE160	996T L	5570	114		18.00
802.11ax HE160	996T H	5570	114		18.00
802.11ax HE160	1992T LH	5570	114		18.00
802.11ax HE160	484+996	5570	114		18.00
802.11ax HE160	242+484+996	5570	114		18.00

WLAN DSI2

WLAN5.8G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		16.00
	NA	5785	157		16.00
	NA	5825	165		16.00
802.11n HT20	NA	5745	149		16.00
	NA	5785	157		16.00
	NA	5825	165		16.00
802.11ac VHT20	NA	5745	149		16.00
	NA	5785	157		16.00
	NA	5825	165		16.00
802.11n HT40	NA	5755	151		16.00
	NA	5795	159		16.00
802.11ac VHT40	NA	5755	151		16.00
	NA	5795	159		16.00
802.11ac VHT80	NA	5775	155		16.00
802.11ax HE20	26T 0	5745	149		16.00
	26T 0	5785	157		16.00
	26T 0	5825	165		16.00
802.11ax HE20	26T 4	5745	149		16.00
	26T 4	5785	157		16.00
	26T 4	5825	165		16.00
802.11ax HE20	26T 8	5745	149		16.00
	26T 8	5785	157		16.00
	26T 8	5825	165		16.00
802.11ax HE20	52T 37	5745	149		16.00
	52T 37	5785	157		16.00
	52T 37	5825	165		16.00
802.11ax HE20	52T 39	5745	149		16.00
	52T 39	5785	157		16.00
	52T 39	5825	165		16.00
802.11ax HE20	52T 40	5745	149		16.00
	52T 40	5785	157		16.00
	52T 40	5825	165		16.00
802.11ax HE20	106T 53	5745	149		16.00
	106T 53	5785	157		16.00
	106T 53	5825	165		16.00
802.11ax HE20	106T 54	5745	149		16.00
	106T 54	5785	157		16.00
	106T 54	5825	165		16.00
802.11ax HE20	242T 61	5745	149		16.00
	242T 61	5785	157		16.00
	242T 61	5825	165		16.00
802.11be HE20	26T 0	5745	149		16.00
	26T 0	5785	157		16.00
	26T 0	5825	165		16.00
802.11be HE20	26T 4	5745	149		16.00
	26T 4	5785	157		16.00
	26T 4	5825	165		16.00
802.11be HE20	26T 8	5745	149		16.00
	26T 8	5785	157		16.00
	26T 8	5825	165		16.00
802.11be HE20	52T 37	5745	149		16.00
	52T 37	5785	157		16.00
	52T 37	5825	165		16.00
802.11be HE20	52T 39	5745	149		16.00
	52T 39	5785	157		16.00
	52T 39	5825	165		16.00
802.11be HE20	52T 40	5745	149		16.00
	52T 40	5785	157		16.00
	52T 40	5825	165		16.00
802.11be HE20	106T 53	5745	149	14.87	16.00
	106T 53	5785	157	14.89	16.00
	106T 53	5825	165	**14.92**	16.00
802.11be HE20	106T 54	5745	149		16.00
	106T 54	5785	157		16.00
	106T 54	5825	165		16.00
802.11be HE20	242T 61	5745	149		16.00
	242T 61	5785	157		16.00
	242T 61	5825	165		16.00
802.11ax HE40	26T 0	5755	151		16.00
	26T 0	5795	159		16.00
802.11ax HE40	26T 10	5755	151		16.00
	26T 10	5795	159		16.00
802.11ax HE40	26T 17	5755	151		16.00
	26T 17	5795	159		16.00
802.11ax HE40	52T 37	5755	151		16.00
	52T 37	5795	159		16.00
802.11ax HE40	52T 41	5755	151		16.00
	52T 41	5795	159		16.00
802.11ax HE40	52T 44	5755	151		16.00
	52T 44	5795	159		16.00
802.11ax HE40	106T 53	5755	151		16.00
	106T 53	5795	159		16.00
802.11ax HE40	106T 55	5755	151		16.00
	106T 55	5795	159		16.00
802.11ax HE40	106T 56	5755	151		16.00
	106T 56	5795	159		16.00
802.11ax HE40	242T 61	5755	151		16.00
	242T 61	5795	159		16.00
802.11ax HE40	242T 62	5755	151		16.00
	242T 62	5795	159		16.00
802.11ax HE40	484T 65	5755	151		16.00
	484T 65	5795	159		16.00
802.11be HE40	26T 0	5755	151		16.00
	26T 0	5795	159		16.00
802.11be HE40	26T 10	5755	151		16.00
	26T 10	5795	159		16.00
802.11be HE40	26T 4	5755	151		16.00
	26T 4	5795	159		16.00
802.11be HE40	26T 17	5755	151		16.00
	26T 17	5795	159		16.00
802.11be HE40	26T 8	5755	151		16.00
	26T 8	5795	159		16.00
802.11be HE40	52T 37	5755	151		16.00
	52T 37	5795	159		16.00
802.11be HE40	52T 39	5755	151		16.00
	52T 39	5795	159		16.00
802.11be HE40	52T 41	5755	151		16.00
	52T 41	5795	159		16.00
802.11be HE40	52T 40	5755	151		16.00
	52T 40	5795	159		16.00
802.11be HE40	52T 44	5755	151		16.00
	52T 44	5795	159		16.00
802.11be HE40	106T 53	5755	151		16.00
	106T 53	5795	159		16.00
802.11be HE40	106T 54	5755	151		16.00
	106T 54	5795	159		16.00
802.11be HE40	106T 55	5755	151		16.00
	106T 55	5795	159		16.00
802.11be HE40	106T 56	5755	151		16.00
	106T 56	5795	159		16.00
802.11be HE40	242T 61	5755	151		16.00
	242T 61	5795	159		16.00
802.11be HE40	242T 62	5755	151		16.00
	242T 62	5795	159		16.00
802.11be HE40	484T 65	5755	151		16.00
	484T 65	5795	159		16.00
802.11ax HE80	26T 0	5775	155		16.00
802.11ax HE80	26T 18	5775	155		16.00
802.11ax HE80	26T 36	5775	155		16.00
802.11ax HE80	52T 37	5775	155		16.00
802.11ax HE80	52T 45	5775	155		16.00
802.11ax HE80	52T 52	5775	155		16.00
802.11ax HE80	106T 53	5775	155		16.00
802.11ax HE80	106T 57	5775	155		16.00
802.11ax HE80	106T 60	5775	155		16.00
802.11ax HE80	242T 61	5775	155		16.00
802.11ax HE80	242T 63	5775	155		16.00
802.11ax HE80	242T 64	5775	155		16.00
802.11ax HE80	484T 65	5775	155		16.00
802.11ax HE80	484T 66	5775	155		16.00
802.11ax HE80	996T 67	5775	155		16.00
802.11be HE80	26T 0	5775	155		16.00
802.11be HE80	26T 18	5775	155		16.00
802.11be HE80	26T 4	5775	155		16.00
802.11be HE80	26T 36	5775	155		16.00
802.11be HE80	26T 8	5775	155		16.00
802.11be HE80	52T 37	5775	155		16.00
802.11be HE80	52T 39	5775	155		16.00
802.11be HE80	52T 45	5775	155		16.00
802.11be HE80	52T 40	5775	155		16.00
802.11be HE80	52T 52	5775	155		16.00
802.11be HE80	106T 53	5775	155		16.00
802.11be HE80	106T 54	5775	155		16.00
802.11be HE80	106T 57	5775	155		16.00
802.11be HE80	106T 60	5775	155		16.00
802.11be HE80	242T 61	5775	155		16.00
802.11be HE80	242T 63	5775	155		16.00
802.11be HE80	242T 64	5775	155		16.00
802.11be HE80	484T 65	5775	155		16.00
802.11be HE80	484T 66	5775	155		16.00
802.11be HE80	996T 67	5775	155		16.00

WLAN5.8G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		16.00
	NA	5785	157		16.00
	NA	5825	165		16.00
802.11n HT20	NA	5745	149		16.00
	NA	5785	157		16.00
	NA	5825	165		16.00
802.11ac VHT20	NA	5745	149		16.00
	NA	5785	157		16.00
	NA	5825	165		16.00
802.11n HT40	NA	5755	151		16.00
	NA	5795	159		16.00
802.11ac VHT40	NA	5755	151		16.00
	NA	5795	159		16.00
802.11ac VHT80	NA	5775	155		16.00
802.11ax HE20	26T 0	5745	149		16.00
	26T 0	5785	157		16.00
	26T 0	5825	165		16.00
802.11ax HE20	26T 4	5745	149		16.00
	26T 4	5785	157		16.00
	26T 4	5825	165		16.00
802.11ax HE20	26T 8	5745	149		16.00
	26T 8	5785	157		16.00
	26T 8	5825	165		16.00
802.11ax HE20	52T 37	5745	149		16.00
	52T 37	5785	157		16.00
	52T 37	5825	165		16.00
802.11ax HE20	52T 39	5745	149		16.00
	52T 39	5785	157		16.00
	52T 39	5825	165		16.00
802.11ax HE20	52T 40	5745	149		16.00
	52T 40	5785	157		16.00
	52T 40	5825	165		16.00
802.11ax HE20	106T 53	5745	149		16.00
	106T 53	5785	157		16.00
	106T 53	5825	165		16.00
802.11ax HE20	106T 54	5745	149		16.00
	106T 54	5785	157		16.00
	106T 54	5825	165		16.00
802.11ax HE20	242T 61	5745	149		16.00
	242T 61	5785	157		16.00
	242T 61	5825	165		16.00
802.11be HE20	26T 0	5745	149		16.00
	26T 0	5785	157		16.00
	26T 0	5825	165		16.00
802.11be HE20	26T 4	5745	149		16.00
	26T 4	5785	157		16.00
	26T 4	5825	165		16.00
802.11be HE20	26T 8	5745	149		16.00
	26T 8	5785	157		16.00
	26T 8	5825	165		16.00
802.11be HE20	52T 37	5745	149		16.00
	52T 37	5785	157		16.00
	52T 37	5825	165		16.00
802.11be HE20	52T 39	5745	149		16.00
	52T 39	5785	157		16.00
	52T 39	5825	165		16.00
802.11be HE20	52T 40	5745	149		16.00
	52T 40	5785	157		16.00
	52T 40	5825	165		16.00
802.11be HE20	106T 53	5745	149	14.53	16.00
	106T 53	5785	157	**14.57**	16.00
	106T 53	5825	165	14.02	15.00
802.11be HE20	106T 54	5745	149		16.00
	106T 54	5785	157		16.00
	106T 54	5825	165		16.00
802.11be HE20	242T 61	5745	149		16.00
	242T 61	5785	157		16.00
	242T 61	5825	165		16.00
802.11ax HE40	26T 0	5755	151		16.00
	26T 0	5795	159		16.00
802.11ax HE40	26T 10	5755	151		16.00
	26T 10	5795	159		16.00
802.11ax HE40	26T 17	5755	151		16.00
	26T 17	5795	159		16.00
802.11ax HE40	52T 37	5755	151		16.00
	52T 37	5795	159		16.00
802.11ax HE40	52T 41	5755	151		16.00
	52T 41	5795	159		16.00
802.11ax HE40	52T 44	5755	151		16.00
	52T 44	5795	159		16.00
802.11ax HE40	106T 53	5755	151		16.00
	106T 53	5795	159		16.00
802.11ax HE40	106T 55	5755	151		16.00
	106T 55	5795	159		16.00
802.11ax HE40	106T 56	5755	151		16.00
	106T 56	5795	159		16.00
802.11ax HE40	242T 61	5755	151		16.00
	242T 61	5795	159		16.00
802.11ax HE40	242T 62	5755	151		16.00
	242T 62	5795	159		16.00
802.11ax HE40	484T 65	5755	151		16.00
	484T 65	5795	159		16.00
802.11be HE40	26T 0	5755	151		16.00
	26T 0	5795	159		16.00
802.11be HE40	26T 10	5755	151		16.00
	26T 10	5795	159		16.00
802.11be HE40	26T 4	5755	151		16.00
	26T 4	5795	159		16.00
802.11be HE40	26T 17	5755	151		16.00
	26T 17	5795	159		16.00
802.11be HE40	26T 8	5755	151		16.00
	26T 8	5795	159		16.00
802.11be HE40	52T 37	5755	151		16.00
	52T 37	5795	159		16.00
802.11be HE40	52T 39	5755	151		16.00
	52T 39	5795	159		16.00
802.11be HE40	52T 41	5755	151		16.00
	52T 41	5795	159		16.00
802.11be HE40	52T 40	5755	151		16.00
	52T 40	5795	159		16.00
802.11be HE40	52T 44	5755	151		16.00
	52T 44	5795	159		16.00
802.11be HE40	106T 53	5755	151		16.00
	106T 53	5795	159		16.00
802.11be HE40	106T 54	5755	151		16.00
	106T 54	5795	159		16.00
802.11be HE40	106T 55	5755	151		16.00
	106T 55	5795	159		16.00
802.11be HE40	106T 56	5755	151		16.00
	106T 56	5795	159		16.00
802.11be HE40	242T 61	5755	151		16.00
	242T 61	5795	159		16.00
802.11be HE40	242T 62	5755	151		16.00
	242T 62	5795	159		16.00
802.11be HE40	484T 65	5755	151		16.00
	484T 65	5795	159		16.00
802.11ax HE80	26T 0	5775	155		16.00
802.11ax HE80	26T 18	5775	155		16.00
802.11ax HE80	26T 36	5775	155		16.00
802.11ax HE80	52T 37	5775	155		16.00
802.11ax HE80	52T 45	5775	155		16.00
802.11ax HE80	52T 52	5775	155		16.00
802.11ax HE80	106T 53	5775	155		16.00
802.11ax HE80	106T 57	5775	155		16.00
802.11ax HE80	106T 60	5775	155		16.00
802.11ax HE80	242T 61	5775	155		16.00
802.11ax HE80	242T 63	5775	155		16.00
802.11ax HE80	242T 64	5775	155		16.00
802.11ax HE80	484T 65	5775	155		16.00
802.11ax HE80	484T 66	5775	155		16.00
802.11ax HE80	996T 67	5775	155		16.00
802.11be HE80	26T 0	5775	155		16.00
802.11be HE80	26T 18	5775	155		16.00
802.11be HE80	26T 4	5775	155		16.00
802.11be HE80	26T 36	5775	155		16.00
802.11be HE80	26T 8	5775	155		16.00
802.11be HE80	52T 37	5775	155		16.00
802.11be HE80	52T 39	5775	155		16.00
802.11be HE80	52T 45	5775	155		16.00
802.11be HE80	52T 40	5775	155		16.00
802.11be HE80	52T 52	5775	155		16.00
802.11be HE80	106T 53	5775	155		16.00
802.11be HE80	106T 54	5775	155		16.00
802.11be HE80	106T 57	5775	155		16.00
802.11be HE80	106T 60	5775	155		16.00
802.11be HE80	242T 61	5775	155		16.00
802.11be HE80	242T 63	5775	155		16.00
802.11be HE80	242T 64	5775	155		16.00
802.11be HE80	484T 65	5775	155		16.00
802.11be HE80	484T 66	5775	155		16.00
802.11be HE80	996T 67	5775	155		16.00

WLAN5.8G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		/
	NA	5785	157		/
	NA	5825	165		/
802.11n HT20	NA	5745	149		19.00
	NA	5785	157		19.00
	NA	5825	165		19.00
802.11ac VHT20	NA	5745	149		19.00
	NA	5785	157		19.00
	NA	5825	165		19.00
802.11n HT40	NA	5755	151		19.00
	NA	5795	159		19.00
802.11ac VHT40	NA	5755	151		19.00
	NA	5795	159		19.00
802.11ac VHT80	NA	5775	155		19.00
802.11ax HE20	26T 0	5745	149		19.00
	26T 0	5785	157		19.00
	26T 0	5825	165		19.00
802.11ax HE20	26T 4	5745	149		19.00
	26T 4	5785	157		19.00
	26T 4	5825	165		19.00
802.11ax HE20	26T 8	5745	149		19.00
	26T 8	5785	157		19.00
	26T 8	5825	165		19.00
802.11ax HE20	52T 37	5745	149		19.00
	52T 37	5785	157		19.00
	52T 37	5825	165		19.00
802.11ax HE20	52T 39	5745	149		19.00
	52T 39	5785	157		19.00
	52T 39	5825	165		19.00
802.11ax HE20	52T 40	5745	149		19.00
	52T 40	5785	157		19.00
	52T 40	5825	165		19.00
802.11ax HE20	106T 53	5745	149		19.00
	106T 53	5785	157		19.00
	106T 53	5825	165		19.00
802.11ax HE20	106T 54	5745	149		19.00
	106T 54	5785	157		19.00
	106T 54	5825	165		19.00
802.11ax HE20	242T 61	5745	149		19.00
	242T 61	5785	157		19.00
	242T 61	5825	165		19.00
802.11be HE20	26T 0	5745	149		19.00
	26T 0	5785	157		19.00
	26T 0	5825	165		19.00
802.11be HE20	26T 4	5745	149		19.00
	26T 4	5785	157		19.00
	26T 4	5825	165		19.00
802.11be HE20	26T 8	5745	149		19.00
	26T 8	5785	157		19.00
	26T 8	5825	165		19.00
802.11be HE20	52T 37	5745	149		19.00
	52T 37	5785	157		19.00
	52T 37	5825	165		19.00
802.11be HE20	52T 39	5745	149		19.00
	52T 39	5785	157		19.00
	52T 39	5825	165		19.00
802.11be HE20	52T 40	5745	149		19.00
	52T 40	5785	157		19.00
	52T 40	5825	165		19.00
802.11be HE20	106T 53	5745	149	17.71	19.00
	106T 53	5785	157	**17.74**	19.00
	106T 53	5825	165	17.50	19.00
802.11be HE20	106T 54	5745	149		19.00
	106T 54	5785	157		19.00
	106T 54	5825	165		19.00
802.11be HE20	242T 61	5745	149		19.00
	242T 61	5785	157		19.00
	242T 61	5825	165		19.00
802.11ax HE40	26T 0	5755	151		19.00
	26T 0	5795	159		19.00
802.11ax HE40	26T 10	5755	151		19.00
	26T 10	5795	159		19.00
802.11ax HE40	26T 17	5755	151		19.00
	26T 17	5795	159		19.00
802.11ax HE40	52T 37	5755	151		19.00
	52T 37	5795	159		19.00
802.11ax HE40	52T 41	5755	151		19.00
	52T 41	5795	159		19.00
802.11ax HE40	52T 44	5755	151		19.00
	52T 44	5795	159		19.00
802.11ax HE40	106T 53	5755	151		19.00
	106T 53	5795	159		19.00
802.11ax HE40	106T 55	5755	151		19.00
	106T 55	5795	159		19.00
802.11ax HE40	106T 56	5755	151		19.00
	106T 56	5795	159		19.00
802.11ax HE40	242T 61	5755	151		19.00
	242T 61	5795	159		19.00
802.11ax HE40	242T 62	5755	151		19.00
	242T 62	5795	159		19.00
802.11ax HE40	484T 65	5755	151		19.00
	484T 65	5795	159		19.00
802.11be HE40	26T 0	5755	151		19.00
	26T 0	5795	159		19.00
802.11be HE40	26T 10	5755	151		19.00
	26T 10	5795	159		19.00
802.11be HE40	26T 4	5755	151		19.00
	26T 4	5795	159		19.00
802.11be HE40	26T 17	5755	151		19.00
	26T 17	5795	159		19.00
802.11be HE40	26T 8	5755	151		19.00
	26T 8	5795	159		19.00
802.11be HE40	52T 37	5755	151		19.00
	52T 37	5795	159		19.00
802.11be HE40	52T 39	5755	151		19.00
	52T 39	5795	159		19.00
802.11be HE40	52T 41	5755	151		19.00
	52T 41	5795	159		19.00
802.11be HE40	52T 40	5755	151		19.00
	52T 40	5795	159		19.00
802.11be HE40	52T 44	5755	151		19.00
	52T 44	5795	159		19.00
802.11be HE40	106T 53	5755	151		19.00
	106T 53	5795	159		19.00
802.11be HE40	106T 54	5755	151		19.00
	106T 54	5795	159		19.00
802.11be HE40	106T 55	5755	151		19.00
	106T 55	5795	159		19.00
802.11be HE40	106T 56	5755	151		19.00
	106T 56	5795	159		19.00
802.11be HE40	242T 61	5755	151		19.00
	242T 61	5795	159		19.00
802.11be HE40	242T 62	5755	151		19.00
	242T 62	5795	159		19.00
802.11be HE40	484T 65	5755	151		19.00
	484T 65	5795	159		19.00
802.11ax HE80	26T 0	5775	155		19.00
802.11ax HE80	26T 18	5775	155		19.00
802.11ax HE80	26T 36	5775	155		19.00
802.11ax HE80	52T 37	5775	155		19.00
802.11ax HE80	52T 45	5775	155		19.00
802.11ax HE80	52T 52	5775	155		19.00
802.11ax HE80	106T 53	5775	155		19.00
802.11ax HE80	106T 57	5775	155		19.00
802.11ax HE80	106T 60	5775	155		19.00
802.11ax HE80	242T 61	5775	155		19.00
802.11ax HE80	242T 63	5775	155		19.00
802.11ax HE80	242T 64	5775	155		19.00
802.11ax HE80	484T 65	5775	155		19.00
802.11ax HE80	484T 66	5775	155		19.00
802.11ax HE80	996T 67	5775	155		19.00
802.11be HE80	26T 0	5775	155		19.00
802.11be HE80	26T 18	5775	155		19.00
802.11be HE80	26T 4	5775	155		19.00
802.11be HE80	26T 36	5775	155		19.00
802.11be HE80	26T 8	5775	155		19.00
802.11be HE80	52T 37	5775	155		19.00
802.11be HE80	52T 39	5775	155		19.00
802.11be HE80	52T 45	5775	155		19.00
802.11be HE80	52T 40	5775	155		19.00
802.11be HE80	52T 52	5775	155		19.00
802.11be HE80	106T 53	5775	155		19.00
802.11be HE80	106T 54	5775	155		19.00
802.11be HE80	106T 57	5775	155		19.00
802.11be HE80	106T 60	5775	155		19.00
802.11be HE80	242T 61	5775	155		19.00
802.11be HE80	242T 63	5775	155		19.00
802.11be HE80	242T 64	5775	155		19.00
802.11be HE80	484T 65	5775	155		19.00
802.11be HE80	484T 66	5775	155		19.00
802.11be HE80	996T 67	5775	155		19.00

WLAN/BT DSI3

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		8.00
		2440	19		9.00
		2480	39		8.00
	2M	2404	1		8.00
		2440	19		9.00
		2478	38		8.00
BR/EDR	GFSK	2402	0	**14.72**	16.00
		2441	39	14.31	15.00
		2480	78	13.44	14.00
	DQPSK	2402	0		13.00
		2441	39		13.00
		2480	78		11.00
	8DPSK	2402	0		13.00
		2441	39		13.00
		2480	78		12.00

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		8.00
		2440	19		9.00
		2480	39		8.00
	2M	2404	1		8.00
		2440	19		9.00
		2478	38		8.00
BR/EDR	GFSK	2402	0	**15.33**	16.00
		2441	39	15.01	16.00
		2480	78	14.89	16.00
	DQPSK	2402	0		14.00
		2441	39		14.00
		2480	78		13.00
	8DPSK	2402	0		13.00
		2441	39		13.00
		2480	78		13.00

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		/
		2440	19		/
		2480	39		/
	2M	2404	1		/
		2440	19		/
		2478	38		/
BR/EDR	GFSK	2402	0	**18.84**	20.00
		2441	39	18.81	20.00
		2480	78	18.05	19.00
	DQPSK	2402	0		18.00
		2441	39		17.00
		2480	78		16.00
	8DPSK	2402	0		18.00
		2441	39		17.00
		2480	78		17.00

WLAN2.4G Ant11					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11g	NA	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11n HT20	NA	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11n HT40	NA	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE20	26T+0	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE20	26T+4	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE20	26T+8	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE20	52T+37	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE20	52T+39	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE20	52T+40	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE20	106T+53	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE20	106T+54	2412	1	**12.13**	13.00
		2437	6	12.05	13.00
		2462	11	12.09	13.00
802.11ax HE20	242T+61	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE40	26T+0	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	26T+10	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	26T+17	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	52T+37	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	52T+41	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	52T+44	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	106T+53	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	106T+55	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	106T+56	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	242T+61	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	242T+62	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	484T+65	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE20	26T+0	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	26T+4	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	26T+8	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	52T+37	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	52T+39	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	52T+40	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	106T+53	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	106T+54	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	242T+61	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	26+106	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE40	26T+0	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	26T+10	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	26T+17	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	52T+37	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	52T+41	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	52T+44	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	106T+53	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	106T+55	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	106T+56	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	242T+61	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	242T+62	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	484T+65	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	26+106	2422	3		13.00

WLAN2.4G Ant9					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11g	NA	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11n HT20	NA	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11n HT40	NA	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE20	26T+0	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE20	26T+4	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE20	26T+8	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE20	52T+37	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE20	52T+39	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE20	52T+40	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE20	106T+53	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE20	106T+54	2412	1	12.02	13.00
		2437	6	11.94	13.00
		2462	11	**12.11**	13.00
802.11ax HE20	242T+61	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11ax HE40	26T+0	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	26T+10	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	26T+17	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	52T+37	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	52T+41	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	52T+44	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	106T+53	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	106T+55	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	106T+56	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	242T+61	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	242T+62	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11ax HE40	484T+65	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE20	26T+0	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	26T+4	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	26T+8	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	52T+37	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	52T+39	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	52T+40	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	106T+53	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	106T+54	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	242T+61	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE20	26+106	2412	1		13.00
		2437	6		13.00
		2462	11		13.00
802.11be HE40	26T+0	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	26T+10	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	26T+17	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	52T+37	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	52T+41	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	52T+44	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	106T+53	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	106T+55	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	106T+56	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	242T+61	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	242T+62	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	484T+65	2422	3		13.00
		2437	6		13.00
		2452	9		13.00
802.11be HE40	26+106	2422	3		13.00

WLAN2.4G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		/
		2437	6		/
		2462	11		/
802.11g	NA	2412	1		/
		2437	6		/
		2462	11		/
802.11n HT20	NA	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11n HT40	NA	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE20	26T+0	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	26T+4	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	26T+8	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	52T+37	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	52T+39	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	52T+40	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	106T+53	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	106T+54	2412	1	15.09	16.00
		2437	6	15.01	16.00
		2462	11	**15.11**	16.00
802.11ax HE20	242T+61	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE40	26T+0	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	26T+10	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	26T+17	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	52T+37	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	52T+41	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	52T+44	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	106T+53	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	106T+55	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	106T+56	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	242T+61	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	242T+62	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	484T+65	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE20	26T+0	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26T+4	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26T+8	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+37	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+39	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+40	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	106T+53	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	106T+54	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	242T+61	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26+106	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE40	26T+0	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26T+10	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26T+17	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+37	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+41	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+44	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+53	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+55	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+56	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	242T+61	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	242T+62	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	484T+65	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26+106	2422	3		16.00

WLAN DSI3

WLAN5.2G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11n HT20	NA	5180	36	12.67	14.00
		5200	40	**12.83**	14.00
		5220	44	12.21	13.00
		5240	48	12.03	13.00
802.11ac VHT20	NA	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11n HT40	NA	5190	38		13.00
		5230	46		13.00
802.11ac VHT40	NA	5190	38		13.00
		5230	46		13.00
802.11ac VHT80	NA	5210	42		13.00
802.11ac VHT160	NA	5250	50		13.00
802.11ax HE20	26T 0	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	26T 4	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	26T 8	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	52T 37	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	52T 39	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	52T 40	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	106T 53	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	106T 54	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	242T 61	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	26T 0	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 4	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 8	5180	36		10.00
		5220	44		11.00
		5240	48		11.00
802.11be HE20	52T 37	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	52T 39	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	52T 40	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	106T 53	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	106T 54	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	242T 61	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE40	26T 0	5190	38		13.00
		5230	46		13.00
802.11ax HE40	26T 10	5190	38		13.00
		5230	46		13.00
802.11ax HE40	26T 17	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 37	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 41	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 44	5190	38		13.00
		5230	46		13.00
802.11ax HE40	106T 53	5190	38		13.00
		5230	46		13.00
802.11ax HE40	106T 55	5190	38		13.00
		5230	46		13.00
802.11ax HE40	106T 56	5190	38		13.00
		5230	46		13.00
802.11ax HE40	242T 61	5190	38		13.00
		5230	46		13.00
802.11ax HE40	242T 62	5190	38		13.00
		5230	46		13.00
802.11ax HE40	484T 65	5190	38		13.00
		5230	46		13.00
802.11ax HE40	26T 0	5190	38		13.00
		5230	46		13.00
802.11ax HE40	26T 10	5190	38		13.00
		5230	46		13.00
802.11ax HE40	26T 4	5190	38		13.00
		5230	46		13.00
802.11ax HE40	26T 17	5190	38		13.00
		5230	46		13.00
802.11ax HE40	26T 8	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 37	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 39	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 41	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 40	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 44	5190	38		13.00
		5230	46		13.00
802.11ax HE40	106T 53	5190	38		13.00
		5230	46		13.00
802.11ax HE40	106T 54	5190	38		13.00
		5230	46		13.00
802.11ax HE40	106T 55	5190	38		13.00
		5230	46		13.00
802.11ax HE40	106T 56	5190	38		13.00
		5230	46		13.00
802.11ax HE40	242T 61	5190	38		13.00
		5230	46		13.00
802.11ax HE40	242T 62	5190	38		13.00
		5230	46		13.00
802.11ax HE40	484T 65	5190	38		13.00
		5230	46		13.00
802.11ax HE80	26T 0	5210	42		13.00
802.11ax HE80	26T 18	5210	42		13.00
802.11ax HE80	26T 36	5210	42		13.00
802.11ax HE80	52T 37	5210	42		13.00
802.11ax HE80	52T 45	5210	42		13.00
802.11ax HE80	52T 52	5210	42		13.00
802.11ax HE80	106T 53	5210	42		13.00
802.11ax HE80	106T 57	5210	42		13.00
802.11ax HE80	106T 60	5210	42		13.00
802.11ax HE80	242T 61	5210	42		13.00
802.11ax HE80	242T 63	5210	42		13.00
802.11ax HE80	242T 64	5210	42		13.00
802.11ax HE80	484T 65	5210	42		13.00
802.11ax HE80	484T 66	5210	42		13.00
802.11ax HE80	996T 67	5210	42		13.00
802.11be HE80	26T 0	5210	42		9.00
802.11be HE80	26T 18	5210	42		9.00
802.11be HE80	26T 4	5210	42		10.00
802.11be HE80	26T 36	5210	42		10.00
802.11be HE80	26T 8	5210	42		9.00
802.11be HE80	52T 37	5210	42		13.00
802.11be HE80	52T 39	5210	42		13.00
802.11be HE80	52T 45	5210	42		13.00
802.11be HE80	52T 40	5210	42		13.00
802.11be HE80	52T 52	5210	42		13.00
802.11be HE80	106T 53	5210	42		13.00
802.11be HE80	106T 54	5210	42		13.00
802.11be HE80	106T 57	5210	42		13.00
802.11be HE80	106T 60	5210	42		13.00
802.11be HE80	242T 61	5210	42		13.00
802.11be HE80	242T 63	5210	42		13.00
802.11be HE80	242T 64	5210	42		13.00
802.11be HE80	484T 65	5210	42		13.00
802.11be HE80	484T 66	5210	42		13.00
802.11be HE80	996T 67	5210	42		13.00
802.11ax HE160	26T L	5250	50		13.00
802.11ax HE160	26T H	5250	50		13.00
802.11ax HE160	52T L	5250	50		13.00
802.11ax HE160	52T H	5250	50		13.00
802.11ax HE160	106T L	5250	50		13.00
802.11ax HE160	106T H	5250	50		13.00
802.11ax HE160	242T L	5250	50		13.00
802.11ax HE160	242T H	5250	50		13.00
802.11ax HE160	484T L	5250	50		13.00
802.11ax HE160	484T H	5250	50		13.00
802.11ax HE160	996T L	5250	50		13.00
802.11ax HE160	996T H	5250	50		13.00
802.11ax HE160	1992T LH	5250	50		13.00
802.11be HE160	26T L	5250	50		10.00
802.11be HE160	26T H	5250	50		10.00
802.11be HE160	52T L	5250	50		13.00
802.11be HE160	52T H	5250	50		13.00
802.11be HE160	106T L	5250	50		13.00
802.11be HE160	106T H	5250	50		13.00
802.11be HE160	242T L	5250	50		13.00
802.11be HE160	242T H	5250	50		13.00
802.11be HE160	484T L	5250	50		13.00
802.11be HE160	484T H	5250	50		13.00
802.11be HE160	996T L	5250	50		13.00
802.11be HE160	996T H	5250	50		13.00
802.11be HE160	1992T LH	5250	50		13.00
802.11be HE160	484+996	5250	50		13.00
802.11be HE160	242+484+996	5250	50		13.00

WLAN5.2G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11n HT20	NA	5180	36	12.41	13.00
		5200	40	**12.55**	14.00
		5220	44	12.39	13.00
		5240	48	11.68	13.00
802.11ac VHT20	NA	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11n HT40	NA	5190	38		13.00
		5230	46		13.00
802.11ac VHT40	NA	5190	38		13.00
		5230	46		13.00
802.11ac VHT80	NA	5210	42		13.00
802.11ac VHT160	NA	5250	50		13.00
802.11ax HE20	26T 0	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	26T 4	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	26T 8	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	52T 37	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	52T 39	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	52T 40	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	106T 53	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	106T 54	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE20	242T 61	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	26T 0	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 4	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 8	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	52T 37	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	52T 39	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	52T 40	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	106T 53	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	106T 54	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	242T 61	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11ax HE40	26T 0	5190	38		13.00
		5230	46		13.00
802.11ax HE40	26T 10	5190	38		13.00
		5230	46		13.00
802.11ax HE40	26T 17	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 37	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 41	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 44	5190	38		13.00
		5230	46		13.00
802.11ax HE40	106T 53	5190	38		13.00
		5230	46		13.00
802.11ax HE40	106T 55	5190	38		13.00
		5230	46		13.00
802.11ax HE40	106T 56	5190	38		13.00
		5230	46		13.00
802.11ax HE40	242T 61	5190	38		13.00
		5230	46		13.00
802.11ax HE40	242T 62	5190	38		13.00
		5230	46		13.00
802.11ax HE40	484T 65	5190	38		13.00
		5230	46		13.00
802.11ax HE40	26T 0	5230	46		13.00
802.11ax HE40	26T 10	5190	38		13.00
		5230	46		13.00
802.11ax HE40	26T 4	5190	38		13.00
		5230	46		13.00
802.11ax HE40	26T 17	5190	38		13.00
		5230	46		13.00
802.11ax HE40	26T 8	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 37	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 39	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 41	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 40	5190	38		13.00
		5230	46		13.00
802.11ax HE40	52T 44	5190	38		13.00
		5230	46		13.00
802.11ax HE40	106T 53	5190	38		13.00
		5230	46		13.00
802.11ax HE40	106T 54	5190	38		13.00
		5230	46		13.00
802.11ax HE40	106T 55	5190	38		13.00
		5230	46		13.00
802.11ax HE40	106T 56	5230	46		13.00
802.11ax HE40	242T 61	5190	38		13.00
		5230	46		13.00
802.11ax HE40	242T 62	5190	38		13.00
		5230	46		13.00
802.11ax HE40	484T 65	5190	38		13.00
		5230	46		13.00
802.11ax HE80	26T 0	5210	42		13.00
802.11ax HE80	26T 18	5210	42		13.00
802.11ax HE80	26T 36	5210	42		13.00
802.11ax HE80	52T 37	5210	42		13.00
802.11ax HE80	52T 45	5210	42		13.00
802.11ax HE80	52T 52	5210	42		13.00
802.11ax HE80	106T 53	5210	42		13.00
802.11ax HE80	106T 57	5210	42		13.00
802.11ax HE80	106T 60	5210	42		13.00
802.11ax HE80	242T 61	5210	42		13.00
802.11ax HE80	242T 63	5210	42		13.00
802.11ax HE80	242T 64	5210	42		13.00
802.11ax HE80	484T 65	5210	42		13.00
802.11ax HE80	484T 66	5210	42		13.00
802.11ax HE80	996T 67	5210	42		13.00
802.11be HE80	26T 0	5210	42		9.00
802.11be HE80	26T 18	5210	42		10.00
802.11be HE80	26T 4	5210	42		9.00
802.11be HE80	26T 36	5210	42		10.00
802.11be HE80	26T 8	5210	42		10.00
802.11be HE80	52T 37	5210	42		13.00
802.11be HE80	52T 39	5210	42		13.00
802.11be HE80	52T 45	5210	42		13.00
802.11be HE80	52T 40	5210	42		13.00
802.11be HE80	52T 52	5210	42		13.00
802.11be HE80	106T 53	5210	42		13.00
802.11be HE80	106T 54	5210	42		13.00
802.11be HE80	106T 57	5210	42		13.00
802.11be HE80	106T 60	5210	42		13.00
802.11be HE80	242T 61	5210	42		13.00
802.11be HE80	242T 63	5210	42		13.00
802.11be HE80	242T 64	5210	42		13.00
802.11be HE80	484T 65	5210	42		13.00
802.11be HE80	484T 66	5210	42		13.00
802.11be HE80	996T 67	5210	42		13.00
802.11ax HE160	26T L	5250	50		13.00
802.11ax HE160	26T H	5250	50		13.00
802.11ax HE160	52T L	5250	50		13.00
802.11ax HE160	52T H	5250	50		13.00
802.11ax HE160	106T L	5250	50		13.00
802.11ax HE160	106T H	5250	50		13.00
802.11ax HE160	242T L	5250	50		13.00
802.11ax HE160	242T H	5250	50		13.00
802.11ax HE160	484T L	5250	50		13.00
802.11ax HE160	484T H	5250	50		13.00
802.11ax HE160	996T L	5250	50		13.00
802.11ax HE160	996T H	5250	50		13.00
802.11ax HE160	1992T LH	5250	50		13.00
802.11be HE160	26T L	5250	50		10.00
802.11be HE160	26T H	5250	50		10.00
802.11be HE160	52T L	5250	50		13.00
802.11be HE160	52T H	5250	50		13.00
802.11be HE160	106T L	5250	50		13.00
802.11be HE160	106T H	5250	50		13.00
802.11be HE160	242T L	5250	50		13.00
802.11be HE160	242T H	5250	50		13.00
802.11be HE160	484T L	5250	50		13.00
802.11be HE160	484T H	5250	50		13.00
802.11be HE160	996T L	5250	50		13.00
802.11be HE160	996T H	5250	50		13.00
802.11be HE160	1992T LH	5250	50		13.00
802.11be HE160	484+996	5250	50		13.00
802.11be HE160	242+484+996	5250	50		13.00

WLAN5.2G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		/
		5220	44		/
		5240	48		/
802.11n HT20	NA	5180	36	15.55	17.00
		5200	40	**15.70**	17.00
		5220	44	15.31	16.00
		5240	48	14.87	16.00
802.11ac VHT20	NA	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11n HT40	NA	5190	38		16.00
		5230	46		16.00
802.11ac VHT40	NA	5190	38		16.00
		5230	46		16.00
802.11ac VHT80	NA	5210	42		16.00
802.11ac VHT160	NA	5250	50		16.00
802.11ax HE20	26T 0	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	26T 4	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	26T 8	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	52T 37	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	52T 39	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	52T 40	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	106T 53	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	106T 54	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	242T 61	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	26T 0	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	26T 4	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	26T 8	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	52T 37	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	52T 39	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	52T 40	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	106T 53	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	106T 54	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	242T 61	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE40	26T 0	5190	38		16.00
		5230	46		16.00
802.11ax HE40	26T 10	5190	38		16.00
		5230	46		16.00
802.11ax HE40	26T 17	5190	38		16.00
		5230	46		16.00
802.11ax HE40	52T 37	5190	38		16.00
		5230	46		16.00
802.11ax HE40	52T 41	5190	38		16.00
		5230	46		16.00
802.11ax HE40	52T 44	5190	38		16.00
		5230	46		16.00
802.11ax HE40	106T 53	5190	38		16.00
		5230	46		16.00
802.11ax HE40	106T 55	5190	38		16.00
		5230	46		16.00
802.11ax HE40	106T 56	5190	38		16.00
		5230	46		16.00
802.11ax HE40	242T 61	5190	38		16.00
		5230	46		16.00
802.11ax HE40	242T 62	5190	38		16.00
		5230	46		16.00
802.11ax HE40	484T 65	5190	38		16.00
		5230	46		16.00
802.11ax HE80	26T 0	5210	42		16.00
802.11ax HE80	26T 18	5210	42		16.00
802.11ax HE80	26T 36	5210	42		16.00
802.11ax HE80	52T 37	5210	42		16.00
802.11ax HE80	52T 45	5210	42		16.00
802.11ax HE80	52T 52	5210	42		16.00
802.11ax HE80	106T 53	5210	42		16.00
802.11ax HE80	106T 57	5210	42		16.00
802.11ax HE80	106T 60	5210	42		16.00
802.11ax HE80	242T 61	5210	42		16.00
802.11ax HE80	242T 63	5210	42		16.00
802.11ax HE80	242T 64	5210	42		16.00
802.11ax HE80	484T 65	5210	42		16.00
802.11ax HE80	484T 66	5210	42		16.00
802.11ax HE80	996T 67	5210	42		16.00
802.11be HE80	26T 0	5210	42		12.00
802.11be HE80	26T 18	5210	42		13.00
802.11be HE80	26T 4	5210	42		13.00
802.11be HE80	26T 36	5210	42		13.00
802.11be HE80	26T 8	5210	42		12.00
802.11be HE80	52T 37	5210	42		16.00
802.11be HE80	52T 39	5210	42		16.00
802.11be HE80	52T 45	5210	42		16.00
802.11be HE80	52T 40	5210	42		16.00
802.11be HE80	52T 52	5210	42		16.00
802.11be HE80	106T 53	5210	42		16.00
802.11be HE80	106T 54	5210	42		16.00
802.11be HE80	106T 57	5210	42		16.00
802.11be HE80	106T 60	5210	42		16.00
802.11be HE80	242T 61	5210	42		16.00
802.11be HE80	242T 63	5210	42		16.00
802.11be HE80	242T 64	5210	42		16.00
802.11be HE80	484T 65	5210	42		16.00
802.11be HE80	484T 66	5210	42		16.00
802.11be HE80	996T 67	5210	42		16.00
802.11ax HE160	26T L	5250	50		16.00
802.11ax HE160	26T H	5250	50		16.00
802.11ax HE160	52T L	5250	50		16.00
802.11ax HE160	52T H	5250	50		16.00
802.11ax HE160	106T L	5250	50		16.00
802.11ax HE160	106T H	5250	50		16.00
802.11ax HE160	242T L	5250	50		16.00
802.11ax HE160	242T H	5250	50		16.00
802.11ax HE160	484T L	5250	50		16.00
802.11ax HE160	484T H	5250	50		16.00
802.11ax HE160	996T L	5250	50		16.00
802.11ax HE160	996T H	5250	50		16.00
802.11ax HE160	1992T LH	5250	50		16.00
802.11be HE160	26T L	5250	50		13.00
802.11be HE160	26T H	5250	50		13.00
802.11be HE160	52T L	5250	50		16.00
802.11be HE160	52T H	5250	50		16.00
802.11be HE160	106T L	5250	50		16.00
802.11be HE160	106T H	5250	50		16.00
802.11be HE160	242T L	5250	50		16.00
802.11be HE160	242T H	5250	50		16.00
802.11be HE160	484T L	5250	50		16.00
802.11be HE160	484T H	5250	50		16.00
802.11be HE160	996T L	5250	50		16.00
802.11be HE160	996T H	5250	50		16.00
802.11be HE160	1992T LH	5250	50		16.00
802.11be HE160	484+996	5250	50		16.

WLAN DSI3

WLAN5.3G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11n HT20	NA	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11ac VHT20	NA	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11n HT40	NA	5270	54		13.00
		5310	62		13.00
802.11ac VHT40	NA	5270	54		13.00
		5310	62		13.00
802.11ac VHT80	NA	5290	58		13.00
802.11ax HE20	26T 0	5260	52		10.00
		5280	56		11.00
		5320	64		11.00
802.11ax HE20	26T 4	5260	52		10.00
		5280	56		10.00
		5320	64		11.00
802.11ax HE20	26T 8	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11ax HE20	52T 37	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11ax HE20	52T 39	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11ax HE20	52T 40	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11ax HE20	106T 53	5260	52	11.89	13.00
		5280	56	11.82	13.00
		5300	60	12.34	13.00
		5320	64	**12.47**	13.00
802.11ax HE20	106T 54	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11ax HE20	242T 61	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11be HE20	26T 0	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 4	5260	52		10.00
		5280	56		10.00
		5320	64		11.00
802.11be HE20	26T 8	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	52T 37	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11be HE20	52T 39	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11be HE20	52T 40	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11be HE20	106T 53	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11be HE20	106T 54	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11be HE20	242T 61	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11ax HE40	26T 0	5270	54		13.00
		5310	62		11.00
802.11ax HE40	26T 10	5270	54		13.00
		5310	62		11.00
802.11ax HE40	26T 17	5270	54		13.00
		5310	62		11.00
802.11ax HE40	52T 37	5270	54		13.00
		5310	62		13.00
802.11ax HE40	52T 41	5270	54		13.00
		5310	62		13.00
802.11ax HE40	52T 44	5270	54		13.00
		5310	62		13.00
802.11ax HE40	106T 53	5270	54		13.00
		5310	62		13.00
802.11ax HE40	106T 55	5270	54		13.00
		5310	62		13.00
802.11ax HE40	106T 56	5270	54		13.00
		5310	62		13.00
802.11ax HE40	242T 61	5270	54		13.00
		5310	62		13.00
802.11ax HE40	242T 62	5270	54		13.00
		5310	62		13.00
802.11ax HE40	484T 65	5270	54		13.00
		5310	62		13.00
802.11be HE40	26T 0	5270	54		13.00
		5310	62		11.00
802.11be HE40	26T 10	5270	54		13.00
		5310	62		11.00
802.11be HE40	26T 4	5270	54		13.00
		5310	62		11.00
802.11be HE40	26T 17	5270	54		13.00
		5310	62		11.00
802.11be HE40	26T 8	5270	54		13.00
		5310	62		13.00
802.11be HE40	52T 37	5270	54		13.00
		5310	62		13.00
802.11be HE40	52T 39	5270	54		13.00
		5310	62		13.00
802.11be HE40	52T 41	5270	54		13.00
		5310	62		13.00
802.11be HE40	52T 40	5270	54		13.00
		5310	62		13.00
802.11be HE40	52T 44	5270	54		13.00
		5310	62		13.00
802.11be HE40	106T 53	5270	54		13.00
		5310	62		13.00
802.11be HE40	106T 54	5270	54		13.00
		5310	62		13.00
802.11be HE40	106T 55	5270	54		13.00
		5310	62		13.00
802.11be HE40	106T 56	5270	54		13.00
		5310	62		13.00
802.11be HE40	242T 61	5270	54		13.00
		5310	62		13.00
802.11be HE40	242T 62	5270	54		13.00
		5310	62		13.00
802.11be HE40	484T 65	5270	54		13.00
		5310	62		13.00
802.11ax HE80	26T 0	5290	58		11.00
802.11ax HE80	26T 18	5290	58		11.00
802.11ax HE80	26T 36	5290	58		11.00
802.11ax HE80	52T 37	5290	58		13.00
802.11ax HE80	52T 45	5290	58		13.00
802.11ax HE80	52T 52	5290	58		13.00
802.11ax HE80	106T 53	5290	58		13.00
802.11ax HE80	106T 57	5290	58		13.00
802.11ax HE80	106T 60	5290	58		13.00
802.11ax HE80	242T 61	5290	58		13.00
802.11ax HE80	242T 63	5290	58		13.00
802.11ax HE80	242T 64	5290	58		13.00
802.11ax HE80	484T 65	5290	58		13.00
802.11ax HE80	484T 66	5290	58		13.00
802.11ax HE80	996T 67	5290	58		13.00
802.11be HE80	26T 0	5290	58		10.00
802.11be HE80	26T 18	5290	58		10.00
802.11be HE80	26T 4	5290	58		11.00
802.11be HE80	26T 36	5290	58		10.00
802.11be HE80	26T 8	5290	58		10.00
802.11be HE80	52T 37	5290	58		13.00
802.11be HE80	52T 39	5290	58		13.00
802.11be HE80	52T 45	5290	58		13.00
802.11be HE80	52T 40	5290	58		13.00
802.11be HE80	52T 52	5290	58		13.00
802.11be HE80	106T 53	5290	58		13.00
802.11be HE80	106T 54	5290	58		13.00
802.11be HE80	106T 57	5290	58		13.00
802.11be HE80	106T 60	5290	58		13.00
802.11be HE80	242T 61	5290	58		13.00
802.11be HE80	242T 63	5290	58		13.00
802.11be HE80	242T 64	5290	58		13.00
802.11be HE80	484T 65	5290	58		13.00
802.11be HE80	484T 66	5290	58		13.00
802.11be HE80	996T 67	5290	58		13.00

WLAN5.3G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11n HT20	NA	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11ac VHT20	NA	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11n HT40	NA	5270	54		13.00
		5310	62		13.00
802.11ac VHT40	NA	5270	54		13.00
		5310	62		13.00
802.11ac VHT80	NA	5290	58		13.00
802.11ax HE20	26T 0	5260	52		10.00
		5280	56		10.00
		5320	64		10.00
802.11ax HE20	26T 4	5260	52		11.00
		5280	56		11.00
		5320	64		10.00
802.11ax HE20	26T 8	5260	52		10.00
		5280	56		11.00
		5320	64		10.00
802.11ax HE20	52T 37	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11ax HE20	52T 39	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11ax HE20	52T 40	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11ax HE20	106T 53	5260	52	11.96	13.00
		5280	56	12.14	13.00
		5300	60	12.35	13.00
		5320	64	**12.39**	13.00
802.11ax HE20	106T 54	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11ax HE20	242T 61	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11be HE20	26T 0	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 4	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 8	5260	52		10.00
		5280	56		10.00
		5320	64		10.00
802.11be HE20	52T 37	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11be HE20	52T 39	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11be HE20	52T 40	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11be HE20	106T 53	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11be HE20	106T 54	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11be HE20	242T 61	5260	52		13.00
		5280	56		13.00
		5320	64		13.00
802.11ax HE40	26T 0	5270	54		13.00
		5310	62		10.00
802.11ax HE40	26T 10	5270	54		13.00
		5310	62		10.00
802.11ax HE40	26T 17	5270	54		13.00
		5310	62		11.00
802.11ax HE40	52T 37	5270	54		13.00
		5310	62		13.00
802.11ax HE40	52T 41	5270	54		13.00
		5310	62		13.00
802.11ax HE40	52T 44	5270	54		13.00
		5310	62		13.00
802.11ax HE40	106T 53	5270	54		13.00
		5310	62		13.00
802.11ax HE40	106T 55	5270	54		13.00
		5310	62		13.00
802.11ax HE40	106T 56	5270	54		13.00
		5310	62		13.00
802.11ax HE40	242T 61	5270	54		13.00
		5310	62		13.00
802.11ax HE40	242T 62	5270	54		13.00
		5310	62		13.00
802.11ax HE40	484T 65	5270	54		13.00
		5310	62		13.00
802.11be HE40	26T 0	5270	54		13.00
		5310	62		11.00
802.11be HE40	26T 10	5270	54		13.00
		5310	62		11.00
802.11be HE40	26T 4	5270	54		13.00
		5310	62		11.00
802.11be HE40	26T 17	5270	54		13.00
		5310	62		11.00
802.11be HE40	26T 8	5270	54		13.00
		5310	62		13.00
802.11be HE40	52T 37	5270	54		13.00
		5310	62		13.00
802.11be HE40	52T 39	5270	54		13.00
		5310	62		13.00
802.11be HE40	52T 41	5270	54		13.00
		5310	62		13.00
802.11be HE40	52T 40	5270	54		13.00
		5310	62		13.00
802.11be HE40	52T 44	5270	54		13.00
		5310	62		13.00
802.11be HE40	106T 53	5270	54		13.00
		5310	62		13.00
802.11be HE40	106T 54	5270	54		13.00
		5310	62		13.00
802.11be HE40	106T 55	5270	54		13.00
		5310	62		13.00
802.11be HE40	106T 56	5270	54		13.00
		5310	62		13.00
802.11be HE40	242T 61	5270	54		13.00
		5310	62		13.00
802.11be HE40	242T 62	5270	54		13.00
		5310	62		13.00
802.11be HE40	484T 65	5270	54		13.00
		5310	62		13.00
802.11ax HE80	26T 0	5290	58		11.00
802.11ax HE80	26T 18	5290	58		11.00
802.11ax HE80	26T 36	5290	58		11.00
802.11ax HE80	52T 37	5290	58		13.00
802.11ax HE80	52T 45	5290	58		13.00
802.11ax HE80	52T 52	5290	58		13.00
802.11ax HE80	106T 53	5290	58		13.00
802.11ax HE80	106T 57	5290	58		13.00
802.11ax HE80	106T 60	5290	58		13.00
802.11ax HE80	242T 61	5290	58		13.00
802.11ax HE80	242T 63	5290	58		13.00
802.11ax HE80	242T 64	5290	58		13.00
802.11ax HE80	484T 65	5290	58		13.00
802.11ax HE80	484T 66	5290	58		13.00
802.11ax HE80	996T 67	5290	58		13.00
802.11be HE80	26T 0	5290	58		10.00
802.11be HE80	26T 18	5290	58		10.00
802.11be HE80	26T 4	5290	58		10.00
802.11be HE80	26T 36	5290	58		10.00
802.11be HE80	26T 8	5290	58		11.00
802.11be HE80	52T 37	5290	58		13.00
802.11be HE80	52T 39	5290	58		13.00
802.11be HE80	52T 45	5290	58		13.00
802.11be HE80	52T 40	5290	58		13.00
802.11be HE80	52T 52	5290	58		13.00
802.11be HE80	106T 53	5290	58		13.00
802.11be HE80	106T 54	5290	58		13.00
802.11be HE80	106T 57	5290	58		13.00
802.11be HE80	106T 60	5290	58		13.00
802.11be HE80	242T 61	5290	58		13.00
802.11be HE80	242T 63	5290	58		13.00
802.11be HE80	242T 64	5290	58		13.00
802.11be HE80	484T 65	5290	58		13.00
802.11be HE80	484T 66	5290	58		13.00
802.11be HE80	996T 67	5290	58		13.00

WLAN5.3G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		/
		5280	56		/
		5320	64		/
802.11n HT20	NA	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ac VHT20	NA	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11n HT40	NA	5270	54		16.00
		5310	62		16.00
802.11ac VHT40	NA	5270	54		16.00
		5310	62		16.00
802.11ac VHT80	NA	5290	58		16.00
802.11ax HE20	26T 0	5260	52		13.00
		5280	56		13.00
		5320	64		14.00
802.11ax HE20	26T 4	5260	52		13.00
		5280	56		14.00
		5320	64		14.00
802.11ax HE20	26T 8	5260	52		14.00
		5280	56		14.00
		5320	64		14.00
802.11ax HE20	52T 37	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE20	52T 39	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE20	52T 40	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE20	106T 53	5260	52	14.94	16.00
		5280	56	14.99	16.00
		5300	60	15.36	16.00
		5320	64	**15.44**	16.00
802.11ax HE20	106T 54	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE20	242T 61	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	26T 0	5260	52		14.00
		5280	56		14.00
		5320	64		14.00
802.11be HE20	26T 4	5260	52		13.00
		5280	56		13.00
		5320	64		14.00
802.11be HE20	26T 8	5260	52		14.00
		5280	56		14.00
		5320	64		14.00
802.11be HE20	52T 37	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	52T 39	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	52T 40	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	106T 53	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	106T 54	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	242T 61	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE40	26T 0	5270	54		16.00
		5310	62		13.00
802.11ax HE40	26T 10	5270	54		16.00
		5310	62		14.00
802.11ax HE40	26T 17	5270	54		16.00
		5310	62		14.00
802.11ax HE40	52T 37	5270	54		16.00
		5310	62		16.00
802.11ax HE40	52T 41	5270	54		16.00
		5310	62		16.00
802.11ax HE40	52T 44	5270	54		16.00
		5310	62		16.00
802.11ax HE40	106T 53	5270	54		16.00
		5310	62		16.00
802.11ax HE40	106T 55	5270	54		16.00
		5310	62		16.00
802.11ax HE40	106T 56	5270	54		16.00
		5310	62		16.00
802.11ax HE40	242T 61	5270	54		16.00
		5310	62		16.00
802.11ax HE40	242T 62	5270	54		16.00
		5310	62		16.00
802.11ax HE40	484T 65	5270	54		16.00
		5310	62		16.00
802.11be HE40	26T 0	5270	54		16.00
		5310	62		14.00
802.11be HE40	26T 10	5270	54		16.00
		5310	62		14.00
802.11be HE40	26T 4	5270	54		16.00
		5310	62		14.00
802.11be HE40	26T 17	5270	54		16.00
		5310	62		14.00
802.11be HE40	26T 8	5270	54		16.00
		5310	62		16.00
802.11be HE40	52T 37	5270	54		16.00
		5310	62		16.00
802.11be HE40	52T 39	5270	54		16.00
		5310	62		16.00
802.11be HE40	52T 41	5270	54		16.00
		5310	62		16.00
802.11be HE40	52T 40	5270	54		16.00
		5310	62		16.00
802.11be HE40	52T 44	5270	54		16.00
		5310	62		16.00
802.11be HE40	106T 53	5270	54		16.00
		5310	62		16.00
802.11be HE40	106T 54	5270	54		16.00
		5310	62		16.00
802.11be HE40	106T 55	5270	54		16.00
		5310	62		16.00
802.11be HE40	106T 56	5270	54		16.00
		5310	62		16.00
802.11be HE40	242T 61	5270	54		16.00
		5310	62		16.00
802.11be HE40	242T 62	5270	54		16.00
		5310	62		16.00
802.11be HE40	484T 65	5270	54		16.00
		5310	62		16.00
802.11ax HE80	26T 0	5290	58		14.00
802.11ax HE80	26T 18	5290	58		14.00
802.11ax HE80	26T 36	5290	58		14.00
802.11ax HE80	52T 37	5290	58		16.00
802.11ax HE80	52T 45	5290	58		16.00
802.11ax HE80	52T 52	5290	58		16.00
802.11ax HE80	106T 53	5290	58		16.00
802.11ax HE80	106T 57	5290	58		16.00
802.11ax HE80	106T 60	5290	58		16.00
802.11ax HE80	242T 61	5290	58		16.00
802.11ax HE80	242T 63	5290	58		16.00
802.11ax HE80	242T 64	5290	58		16.00
802.11ax HE80	484T 65	5290	58		16.00
802.11ax HE80	484T 66	5290	58		16.00
802.11ax HE80	996T 67	5290	58		16.00
802.11be HE80	26T 0	5290	58		13.00
802.11be HE80	26T 18	5290	58		13.00
802.11be HE80	26T 4	5290	58		14.00
802.11be HE80	26T 36	5290	58		13.00
802.11be HE80	26T 8	5290	58		13.00
802.11be HE80	52T 37	5290	58		16.00
802.11be HE80	52T 39	5290	58		16.00
802.11be HE80	52T 45	5290	58		16.00
802.11be HE80	52T 40	5290	58		16.00
802.11be HE80	52T 52	5290	58		16.00
802.11be HE80	106T 53	5290	58		16.00
802.11be HE80	106T 54	5290	58		16.00
802.11be HE80	106T 57	5290	58		16.00
802.11be HE80	106T 60	5290	58		16.00
802.11be HE80	242T 61	5290	58		16.00
802.11be HE80	242T 63	5290	58		16.00
802.11be HE80	242T 64	5290	58		16.00
802.11be HE80	484T 65	5290	58		16.00
802.11be HE80	484T 66	5290	58		16.00
802.11be HE80	996T 67	5290	58		16.00

WLAN DSI3

WLAN5.6G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11n HT20	NA	5500	100	**10.97**	12.00
		5580	116	10.91	12.00
		5620	124	10.89	12.00
		5660	132	10.95	12.00
		5700	140	10.76	12.00
		5720	144	10.97	12.00
802.11ac VHT20	NA	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11n HT40	NA	5510	102		12.00
		5590	118		12.00
		5670	134		12.00
802.11ac VHT40	NA	5510	102		12.00
		5590	118		12.00
		5670	134		12.00
802.11ac VHT80	NA	5530	106		12.00
802.11ac VHT160	NA	5610	122		12.00
		5570	114		12.00
802.11ax HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	26T 4	5500	100		9.00
		5580	116		9.00
		5700	140		10.00
802.11ax HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	52T 37	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11ax HE20	52T 39	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11ax HE20	52T 40	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11ax HE20	106T 53	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11ax HE20	106T 54	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11ax HE20	242T 61	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11be HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	26T 4	5500	100		9.00
		5580	116		9.00
		5700	140		10.00
802.11be HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	52T 37	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11be HE20	52T 39	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11be HE20	52T 40	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11be HE20	106T 53	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11be HE20	106T 54	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11be HE20	242T 61	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11ax HE40	26T 0	5510	102		10.00
		5670	134		10.00
802.11ax HE40	26T 10	5510	102		10.00
		5670	134		10.00
802.11ax HE40	26T 17	5510	102		10.00
		5670	134		10.00
802.11ax HE40	52T 37	5510	102		12.00
		5670	134		12.00
802.11ax HE40	52T 41	5510	102		12.00
		5670	134		12.00
802.11ax HE40	52T 44	5510	102		12.00
		5670	134		12.00
802.11ax HE40	106T 53	5510	102		12.00
		5670	134		12.00
802.11ax HE40	106T 55	5510	102		12.00
		5670	134		12.00
802.11ax HE40	106T 56	5510	102		12.00
		5670	134		12.00
802.11ax HE40	242T 61	5510	102		12.00
		5670	134		12.00
802.11ax HE40	242T 62	5510	102		12.00
		5670	134		12.00
802.11ax HE40	484T 65	5510	102		12.00
		5670	134		12.00
802.11be HE40	26T 0	5510	102		12.00
		5670	134		12.00
802.11be HE40	26T 10	5510	102		12.00
		5670	134		12.00
802.11be HE40	26T 4	5510	102		12.00
		5590	118		12.00
802.11be HE40	26T 17	5510	102		12.00
		5670	134		12.00
802.11be HE40	26T 8	5590	118		12.00
		5670	134		12.00
802.11be HE40	52T 37	5510	102		12.00
		5670	134		12.00
802.11be HE40	52T 39	5510	102		12.00
		5590	118		12.00
802.11be HE40	52T 41	5510	102		12.00
		5670	134		12.00
802.11be HE40	52T 40	5510	102		12.00
		5590	118		12.00
802.11be HE40	52T 44	5510	102		12.00
		5670	134		12.00
802.11be HE40	106T 53	5510	102		12.00
		5670	134		12.00
802.11be HE40	106T 54	5510	102		12.00
		5590	118		12.00
		5670	134		12.00
802.11be HE40	106T 55	5510	102		12.00
		5670	134		12.00
802.11be HE40	106T 56	5510	102		12.00
		5670	134		12.00
802.11be HE40	242T 61	5510	102		12.00
		5670	134		12.00
802.11be HE40	242T 62	5510	102		12.00
		5670	134		12.00
802.11be HE40	484T 65	5510	102		12.00
		5670	134		12.00
802.11be HE80	26T 0	5530	106		12.00
		5610	122		12.00
802.11be HE80	26T 18	5530	106		12.00
		5610	122		12.00
802.11ax HE80	26T 36	5530	106		12.00
		5610	122		12.00
802.11ax HE80	52T 37	5530	106		12.00
		5610	122		12.00
802.11ax HE80	52T 45	5530	106		12.00
		5610	122		12.00
802.11ax HE80	52T 52	5530	106		12.00
		5610	122		12.00
802.11ax HE80	106T 53	5530	106		12.00
		5610	122		12.00
802.11ax HE80	106T 57	5530	106		12.00
		5610	122		12.00
802.11ax HE80	106T 60	5530	106		12.00
		5610	122		12.00
802.11ax HE80	242T 61	5530	106		12.00
		5610	122		12.00
802.11ax HE80	242T 63	5530	106		12.00
		5610	122		12.00
802.11ax HE80	242T 64	5530	106		12.00
		5610	122		12.00
802.11ax HE80	484T 65	5530	106		12.00
		5610	122		12.00
802.11ax HE80	484T 66	5530	106		12.00
		5610	122		12.00
802.11ax HE80	996T 67	5530	106		12.00
		5610	122		12.00
802.11ax HE160	26T L	5570	114		12.00
802.11ax HE160	26T H	5570	114		12.00
802.11ax HE160	52T L	5570	114		12.00
802.11ax HE160	52T H	5570	114		12.00
802.11ax HE160	106T L	5570	114		12.00
802.11ax HE160	106T H	5570	114		12.00
802.11ax HE160	242T L	5570	114		12.00
802.11ax HE160	242T H	5570	114		12.00
802.11ax HE160	484T L	5570	114		12.00
802.11ax HE160	484T H	5570	114		12.00
802.11ax HE160	996T L	5570	114		12.00
802.11ax HE160	996T H	5570	114		12.00
802.11ax HE160	1992T LH	5570	114		12.00
802.11ax HE160	484+996	5570	114		12.00
802.11ax HE160	242+484+996	5570	114		12.00

WLAN5.6G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11n HT20	NA	5500	100	10.72	12.00
		5580	116	10.56	12.00
		5620	124	10.63	12.00
		5660	132	10.67	12.00
		5700	140	**10.88**	12.00
		5720	144	10.74	12.00
802.11ac VHT20	NA	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11n HT40	NA	5510	102		12.00
		5590	118		12.00
		5670	134		12.00
802.11ac VHT40	NA	5510	102		12.00
		5590	118		12.00
		5670	134		12.00
802.11ac VHT80	NA	5530	106		12.00
802.11ac VHT160	NA	5610	122		12.00
		5570	114		12.00
802.11ax HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	26T 4	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	52T 37	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11ax HE20	52T 39	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11ax HE20	52T 40	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11ax HE20	106T 53	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11ax HE20	106T 54	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11ax HE20	242T 61	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11be HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	26T 4	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	52T 37	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11be HE20	52T 39	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11be HE20	52T 40	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11be HE20	106T 53	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11be HE20	106T 54	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11be HE20	242T 61	5500	100		12.00
		5580	116		12.00
		5700	140		12.00
802.11ax HE40	26T 0	5510	102		10.00
		5670	134		10.00
802.11ax HE40	26T 10	5510	102		10.00
		5670	134		10.00
802.11ax HE40	26T 17	5510	102		10.00
		5670	134		10.00
802.11ax HE40	52T 37	5510	102		12.00
		5670	134		12.00
802.11ax HE40	52T 41	5510	102		12.00
		5670	134		12.00
802.11ax HE40	52T 44	5510	102		12.00
		5670	134		12.00
802.11ax HE40	106T 53	5510	102		12.00
		5670	134		12.00
802.11ax HE40	106T 55	5510	102		12.00
		5670	134		12.00
802.11ax HE40	106T 56	5510	102		12.00
		5670	134		12.00
802.11ax HE40	242T 61	5510	102		12.00
		5670	134		12.00
802.11ax HE40	242T 62	5510	102		12.00
		5670	134		12.00
802.11ax HE40	484T 65	5510	102		12.00
		5670	134		12.00
802.11be HE40	26T 0	5510	102		12.00
		5670	134		12.00
802.11be HE40	26T 10	5510	102		12.00
		5670	134		12.00
802.11be HE40	26T 4	5510	102		12.00
		5590	118		12.00
802.11be HE40	26T 17	5510	102		12.00
		5670	134		12.00
802.11be HE40	26T 8	5590	118		12.00
		5670	134		12.00
802.11be HE40	52T 37	5510	102		12.00
		5670	134		12.00
802.11be HE40	52T 39	5510	102		12.00
		5590	118		12.00
802.11be HE40	52T 41	5510	102		12.00
		5670	134		12.00
802.11be HE40	52T 40	5510	102		12.00
		5590	118		12.00
802.11be HE40	52T 44	5510	102		12.00
		5670	134		12.00
802.11be HE40	106T 53	5510	102		12.00
		5670	134		12.00
802.11be HE40	106T 54	5510	102		12.00
		5590	118		12.00
		5670	134		12.00
802.11be HE40	106T 55	5510	102		12.00
		5670	134		12.00
802.11be HE40	106T 56	5510	102		12.00
		5670	134		12.00
802.11be HE40	242T 61	5510	102		12.00
		5670	134		12.00
802.11be HE40	242T 62	5510	102		12.00
		5670	134		12.00
802.11be HE40	484T 65	5510	102		12.00
		5670	134		12.00
802.11be HE80	26T 0	5530	106		12.00
		5610	122		12.00
802.11be HE80	26T 18	5530	106		12.00
		5610	122		12.00
802.11ax HE80	26T 36	5530	106		12.00
		5610	122		12.00
802.11ax HE80	52T 37	5530	106		12.00
		5610	122		12.00
802.11ax HE80	52T 45	5530	106		12.00
		5610	122		12.00
802.11ax HE80	52T 52	5530	106		12.00
		5610	122		12.00
802.11ax HE80	106T 53	5530	106		12.00
		5610	122		12.00
802.11ax HE80	106T 57	5530	106		12.00
		5610	122		12.00
802.11ax HE80	106T 60	5530	106		12.00
		5610	122		12.00
802.11ax HE80	242T 61	5530	106		12.00
		5610	122		12.00
802.11ax HE80	242T 63	5530	106		12.00
		5610	122		12.00
802.11ax HE80	242T 64	5530	106		12.00
		5610	122		12.00
802.11ax HE80	484T 65	5530	106		12.00
		5610	122		12.00
802.11ax HE80	484T 66	5530	106		12.00
		5610	122		12.00
802.11ax HE80	996T 67	5530	106		12.00
		5610	122		12.00
802.11ax HE160	26T L	5570	114		12.00
802.11ax HE160	26T H	5570	114		12.00
802.11ax HE160	52T L	5570	114		12.00
802.11ax HE160	52T H	5570	114		12.00
802.11ax HE160	106T L	5570	114		12.00
802.11ax HE160	106T H	5570	114		12.00
802.11ax HE160	242T L	5570	114		12.00
802.11ax HE160	242T H	5570	114		12.00
802.11ax HE160	484T L	5570	114		12.00
802.11ax HE160	484T H	5570	114		12.00
802.11ax HE160	996T L	5570	114		12.00
802.11ax HE160	996T H	5570	114		12.00
802.11ax HE160	1992T LH	5570	114		12.00
802.11ax HE160	484+996	5570	114		12.00
802.11ax HE160	242+484+996	5570	114		12.00

WLAN5.6G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		/
		5580	116		/
		5700	140		/
802.11n HT20	NA	5500	100	**13.86**	15.00
		5580	116	13.75	15.00
		5620	124	13.77	15.00
		5660	132	13.82	15.00
		5700	140	13.83	15.00
		5720	144	13.82	15.00
802.11ac VHT20	NA	5500	100		15.00
		5580	116		15.00
		5700	140		15.00
802.11n HT40	NA	5510	102		15.00
		5590	118		15.00
		5670	134		15.00
802.11ac VHT40	NA	5510	102		15.00
		5590	118		15.00
		5670	134		15.00
802.11ac VHT80	NA	5530	106		15.00
802.11ac VHT160	NA	5610	122		15.00
		5570	114		15.00
802.11ax HE20	26T 0	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11ax HE20	26T 4	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11ax HE20	26T 8	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11ax HE20	52T 37	5500	100		15.00
		5580	116		15.00
		5700	140		15.00
802.11ax HE20	52T 39	5500	100		15.00
		5580	116		15.00
		5700	140		15.00
802.11ax HE20	52T 40	5500	100		15.00
		5580	116		15.00
		5700	140		15.00
802.11ax HE20	106T 53	5500	100		15.00
		5580	116		15.00
		5700	140		15.00
802.11ax HE20	106T 54	5500	100		15.00
		5580	116		15.00
		5700	140		15.00
802.11ax HE20	242T 61	5500	100		15.00
		5580	116		15.00
		5700	140		15.00
802.11be HE20	26T 0	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11be HE20	26T 4	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11be HE20	26T 8	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11be HE20	52T 37	5500	100		15.00
		5580	116		15.00
		5700	140		15.00
802.11be HE20	52T 39	5500	100		15.00
		5580	116		15.00
		5700	140		15.00
802.11be HE20	52T 40	5500	100		15.00
		5580	116		15.00
		5700	140		15.00
802.11be HE20	106T 53	5500	100		15.00
		5580	116		15.00
		5700	140		15.00
802.11be HE20	106T 54	5500	100		15.00
		5580	116		15.00
		5700	140		15.00
802.11be HE20	242T 61	5500	100		15.00
		5580	116		15.00
		5700	140		15.00
802.11ax HE40	26T 0	5510	102		13.00
		5670	134		13.00
802.11ax HE40	26T 10	5510	102		13.00
		5670	134		13.00
802.11ax HE40	26T 17	5510	102		13.00
		5670	134		13.00
802.11ax HE40	52T 37	5510	102		15.00
		5670	134		15.00
802.11ax HE40	52T 41	5510	102		15.00
		5670	134		15.00
802.11ax HE40	52T 44	5510	102		15.00
		5670	134		15.00
802.11ax HE40	106T 53	5510	102		15.00
		5670	134		15.00
802.11ax HE40	106T 55	5510	102		15.00
		5670	134		15.00
802.11ax HE40	106T 56	5510	102		15.00
		5670	134		15.00
802.11ax HE40	242T 61	5510	102		15.00
		5670	134		15.00
802.11ax HE40	242T 62	5510	102		15.00
		5670	134		15.00
802.11ax HE40	484T 65	5510	102		15.00
		5670	134		15.00
802.11be HE40	26T 0	5510	102		15.00
		5670	134		15.00
802.11be HE40	26T 10	5510	102		15.00
		5670	134		15.00
802.11be HE40	26T 4	5510	102		15.00
		5590	118		15.00
802.11be HE40	26T 17	5510	102		15.00
		5670	134		15.00
802.11be HE40	26T 8	5590	118		15.00
		5670	134		15.00
802.11be HE40	52T 37	5510	102		15.00
		5670	134		15.00
802.11be HE40	52T 39	5510	102		15.00
		5590	118		15.00
802.11be HE40	52T 41	5510	102		15.00
		5670	134		15.00
802.11be HE40	52T 40	5510	102		15.00
		5590	118		15.00
802.11be HE40	52T 44	5510	102		15.00
		5670	134		15.00
802.11be HE40	106T 53	5510	102		15.00
		5670	134		15.00
802.11be HE40	106T 54	5510	102		15.00
		5590	118		15.00
		5670	134		15.00
802.11be HE40	106T 55	5510	102		15.00
		5670	134		15.00
802.11be HE40	106T 56	5510	102		15.00
		5670	134		15.00
802.11be HE40	242T 61	5510	102		15.00
		5670	134		15.00
802.11be HE40	242T 62	5510	102		15.00
		5670	134		15.00
802.11be HE40	484T 65	5510	102		15.00
		5670	134		15.00
802.11be HE80	26T 0	5530	106		15.00
		5610	122		15.00
802.11be HE80	26T 18	5530	106		15.00
		5610	122		15.00
802.11ax HE80	26T 36	5530	106		15.00
		5610	122		15.00
802.11ax HE80	52T 37	5530	106		15.00
		5610	122		15.00
802.11ax HE80	52T 45	5530	106		15.00
		5610	122		15.00
802.11ax HE80	52T 52	5530	106		15.00
		5610	122		15.00
802.11ax HE80	106T 53	5530	106		15.00
		5610	122		15.00
802.11ax HE80	106T 57	5530	106		15.00
		5610	122		15.00
802.11ax HE80	106T 60	5530	106		15.00
		5610	122		15.00
802.11ax HE80	242T 61	5530	106		15.00
		5610	122		15.00
802.11ax HE80	242T 63	5530	106		15.00
		5610	122		15.00
802.11ax HE80	242T 64	5530	106		15.00
		5610	122		15.00
802.11ax HE80	484T 65	5530	106		15.00
		5610	122		15.00
802.11ax HE80	484T 66	5530	106		15.00
		5610	122		15.00
802.11ax HE80	996T 67	5530	106		15.00
		5610	122		15.00
802.11ax HE160	26T L	5570	114		15.00
802.11ax HE160	26T H	5570	114		15.00
802.11ax HE160	52T L	5570	114		15.00
802.11ax HE160	52T H	5570	114		15.00
802.11ax HE160	106T L	5570	114		15.00
802.11ax HE160	106T H	5570	114		15.00
802.11ax HE160	242T L	5570	114		15.00
802.11ax HE160	242T H	5570	114		15.00
802.11ax HE160	484T L	5570	114		15.00
802.11ax HE160	484T H	5570	114		15.00
802.11ax HE160	996T L	5570	114		15.00
802.11ax HE160	996T H	5570	114		15.00
802.11ax HE160	1992T LH	5570	114		15.00
802.11ax HE160	484+996	5570	114		15.00
802.11ax HE160	242+484+996	5570	114		15.00

WLAN DSI3

WLAN5.8G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		12.00
	NA	5785	157		12.00
	NA	5825	165		12.00
802.11n HT20	NA	5745	149		12.00
	NA	5785	157		12.00
	NA	5825	165		12.00
802.11ac VHT20	NA	5745	149		12.00
	NA	5785	157		12.00
	NA	5825	165		12.00
802.11n HT40	NA	5755	151		12.00
	NA	5795	159		12.00
802.11ac VHT40	NA	5755	151		12.00
	NA	5795	159		12.00
802.11ac VHT80	NA	5775	155		12.00
802.11ax HE20	26T 0	5745	149		12.00
	26T 0	5785	157		12.00
	26T 0	5825	165		12.00
802.11ax HE20	26T 4	5745	149		12.00
	26T 4	5785	157		12.00
	26T 4	5825	165		12.00
802.11ax HE20	26T 8	5745	149		12.00
	26T 8	5785	157		12.00
	26T 8	5825	165		12.00
802.11ax HE20	52T 37	5745	149		12.00
	52T 37	5785	157		12.00
	52T 37	5825	165		12.00
802.11ax HE20	52T 39	5745	149		12.00
	52T 39	5785	157		12.00
	52T 39	5825	165		12.00
802.11ax HE20	52T 40	5745	149		12.00
	52T 40	5785	157		12.00
	52T 40	5825	165		12.00
802.11ax HE20	106T 53	5745	149		12.00
	106T 53	5785	157		12.00
	106T 53	5825	165		12.00
802.11ax HE20	106T 54	5745	149		12.00
	106T 54	5785	157		12.00
	106T 54	5825	165		12.00
802.11ax HE20	242T 61	5745	149		12.00
	242T 61	5785	157		12.00
	242T 61	5825	165		12.00
802.11be HE20	26T 0	5745	149		12.00
	26T 0	5785	157		12.00
	26T 0	5825	165		12.00
802.11be HE20	26T 4	5745	149		12.00
	26T 4	5785	157		12.00
	26T 4	5825	165		12.00
802.11be HE20	26T 8	5745	149		12.00
	26T 8	5785	157		12.00
	26T 8	5825	165		12.00
802.11be HE20	52T 37	5745	149		12.00
	52T 37	5785	157		12.00
	52T 37	5825	165		12.00
802.11be HE20	52T 39	5745	149		12.00
	52T 39	5785	157		12.00
	52T 39	5825	165		12.00
802.11be HE20	52T 40	5745	149		12.00
	52T 40	5785	157		12.00
	52T 40	5825	165		12.00
802.11be HE20	106T 53	5745	149	11.12	12.00
	106T 53	5785	157	**11.15**	12.00
	106T 53	5825	165	10.94	12.00
802.11be HE20	106T 54	5745	149		12.00
	106T 54	5785	157		12.00
	106T 54	5825	165		12.00
802.11be HE20	242T 61	5745	149		12.00
	242T 61	5785	157		12.00
	242T 61	5825	165		12.00
802.11ax HE40	26T 0	5755	151		12.00
	26T 0	5795	159		12.00
802.11ax HE40	26T 10	5755	151		12.00
	26T 10	5795	159		12.00
802.11ax HE40	26T 17	5755	151		12.00
	26T 17	5795	159		12.00
802.11ax HE40	52T 37	5755	151		12.00
	52T 37	5795	159		12.00
802.11ax HE40	52T 41	5755	151		12.00
	52T 41	5795	159		12.00
802.11ax HE40	52T 44	5755	151		12.00
	52T 44	5795	159		12.00
802.11ax HE40	106T 53	5755	151		12.00
	106T 53	5795	159		12.00
802.11ax HE40	106T 55	5755	151		12.00
	106T 55	5795	159		12.00
802.11ax HE40	106T 56	5755	151		12.00
	106T 56	5795	159		12.00
802.11ax HE40	242T 61	5755	151		12.00
	242T 61	5795	159		12.00
802.11ax HE40	242T 62	5755	151		12.00
	242T 62	5795	159		12.00
802.11ax HE40	484T 65	5755	151		12.00
	484T 65	5795	159		12.00
802.11be HE40	26T 0	5755	151		12.00
	26T 0	5795	159		12.00
802.11be HE40	26T 10	5755	151		12.00
	26T 10	5795	159		12.00
802.11be HE40	26T 4	5755	151		12.00
	26T 4	5795	159		12.00
802.11be HE40	26T 17	5755	151		12.00
	26T 17	5795	159		12.00
802.11be HE40	26T 8	5755	151		12.00
	26T 8	5795	159		12.00
802.11be HE40	52T 37	5755	151		12.00
	52T 37	5795	159		12.00
802.11be HE40	52T 39	5755	151		12.00
	52T 39	5795	159		12.00
802.11be HE40	52T 41	5755	151		12.00
	52T 41	5795	159		12.00
802.11be HE40	52T 40	5755	151		12.00
	52T 40	5795	159		12.00
802.11be HE40	52T 44	5755	151		12.00
	52T 44	5795	159		12.00
802.11be HE40	106T 53	5755	151		12.00
	106T 53	5795	159		12.00
802.11be HE40	106T 54	5755	151		12.00
	106T 54	5795	159		12.00
802.11be HE40	106T 55	5755	151		12.00
	106T 55	5795	159		12.00
802.11be HE40	106T 56	5755	151		12.00
	106T 56	5795	159		12.00
802.11be HE40	242T 61	5755	151		12.00
	242T 61	5795	159		12.00
802.11be HE40	242T 62	5755	151		12.00
	242T 62	5795	159		12.00
802.11be HE40	484T 65	5755	151		12.00
	484T 65	5795	159		12.00
802.11ax HE80	26T 0	5775	155		12.00
802.11ax HE80	26T 18	5775	155		12.00
802.11ax HE80	26T 36	5775	155		12.00
802.11ax HE80	52T 37	5775	155		12.00
802.11ax HE80	52T 45	5775	155		12.00
802.11ax HE80	52T 52	5775	155		12.00
802.11ax HE80	106T 53	5775	155		12.00
802.11ax HE80	106T 57	5775	155		12.00
802.11ax HE80	106T 60	5775	155		12.00
802.11ax HE80	242T 61	5775	155		12.00
802.11ax HE80	242T 63	5775	155		12.00
802.11ax HE80	242T 64	5775	155		12.00
802.11ax HE80	484T 65	5775	155		12.00
802.11ax HE80	484T 66	5775	155		12.00
802.11ax HE80	996T 67	5775	155		12.00
802.11be HE80	26T 0	5775	155		12.00
802.11be HE80	26T 18	5775	155		12.00
802.11be HE80	26T 4	5775	155		12.00
802.11be HE80	26T 36	5775	155		12.00
802.11be HE80	26T 8	5775	155		12.00
802.11be HE80	52T 37	5775	155		12.00
802.11be HE80	52T 39	5775	155		12.00
802.11be HE80	52T 45	5775	155		12.00
802.11be HE80	52T 40	5775	155		12.00
802.11be HE80	52T 52	5775	155		12.00
802.11be HE80	106T 53	5775	155		12.00
802.11be HE80	106T 54	5775	155		12.00
802.11be HE80	106T 57	5775	155		12.00
802.11be HE80	106T 60	5775	155		12.00
802.11be HE80	242T 61	5775	155		12.00
802.11be HE80	242T 63	5775	155		12.00
802.11be HE80	242T 64	5775	155		12.00
802.11be HE80	484T 65	5775	155		12.00
802.11be HE80	484T 66	5775	155		12.00
802.11be HE80	996T 67	5775	155		12.00

WLAN5.8G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		12.00
	NA	5785	157		12.00
	NA	5825	165		12.00
802.11n HT20	NA	5745	149		12.00
	NA	5785	157		12.00
	NA	5825	165		12.00
802.11ac VHT20	NA	5745	149		12.00
	NA	5785	157		12.00
	NA	5825	165		12.00
802.11n HT40	NA	5755	151		12.00
	NA	5795	159		12.00
802.11ac VHT40	NA	5755	151		12.00
	NA	5795	159		12.00
802.11ac VHT80	NA	5775	155		12.00
802.11ax HE20	26T 0	5745	149		12.00
	26T 0	5785	157		12.00
	26T 0	5825	165		12.00
802.11ax HE20	26T 4	5745	149		12.00
	26T 4	5785	157		12.00
	26T 4	5825	165		12.00
802.11ax HE20	26T 8	5745	149		12.00
	26T 8	5785	157		12.00
	26T 8	5825	165		12.00
802.11ax HE20	52T 37	5745	149		12.00
	52T 37	5785	157		12.00
	52T 37	5825	165		12.00
802.11ax HE20	52T 39	5745	149		12.00
	52T 39	5785	157		12.00
	52T 39	5825	165		12.00
802.11ax HE20	52T 40	5745	149		12.00
	52T 40	5785	157		12.00
	52T 40	5825	165		12.00
802.11ax HE20	106T 53	5745	149		12.00
	106T 53	5785	157		12.00
	106T 53	5825	165		12.00
802.11ax HE20	106T 54	5745	149		12.00
	106T 54	5785	157		12.00
	106T 54	5825	165		12.00
802.11ax HE20	242T 61	5745	149		12.00
	242T 61	5785	157		12.00
	242T 61	5825	165		12.00
802.11be HE20	26T 0	5745	149		12.00
	26T 0	5785	157		12.00
	26T 0	5825	165		12.00
802.11be HE20	26T 4	5745	149		12.00
	26T 4	5785	157		12.00
	26T 4	5825	165		12.00
802.11be HE20	26T 8	5745	149		12.00
	26T 8	5785	157		12.00
	26T 8	5825	165		12.00
802.11be HE20	52T 37	5745	149		12.00
	52T 37	5785	157		12.00
	52T 37	5825	165		12.00
802.11be HE20	52T 39	5745	149		12.00
	52T 39	5785	157		12.00
	52T 39	5825	165		12.00
802.11be HE20	52T 40	5745	149		12.00
	52T 40	5785	157		12.00
	52T 40	5825	165		12.00
802.11be HE20	106T 53	5745	149	10.56	12.00
	106T 53	5785	157	**10.58**	12.00
	106T 53	5825	165	10.03	11.00
802.11be HE20	106T 54	5745	149		12.00
	106T 54	5785	157		12.00
	106T 54	5825	165		12.00
802.11be HE20	242T 61	5745	149		12.00
	242T 61	5785	157		12.00
	242T 61	5825	165		12.00
802.11ax HE40	26T 0	5755	151		12.00
	26T 0	5795	159		12.00
802.11ax HE40	26T 10	5755	151		12.00
	26T 10	5795	159		12.00
802.11ax HE40	26T 17	5755	151		12.00
	26T 17	5795	159		12.00
802.11ax HE40	52T 37	5755	151		12.00
	52T 37	5795	159		12.00
802.11ax HE40	52T 41	5755	151		12.00
	52T 41	5795	159		12.00
802.11ax HE40	52T 44	5755	151		12.00
	52T 44	5795	159		12.00
802.11ax HE40	106T 53	5755	151		12.00
	106T 53	5795	159		12.00
802.11ax HE40	106T 55	5755	151		12.00
	106T 55	5795	159		12.00
802.11ax HE40	106T 56	5755	151		12.00
	106T 56	5795	159		12.00
802.11ax HE40	242T 61	5755	151		12.00
	242T 61	5795	159		12.00
802.11ax HE40	242T 62	5755	151		12.00
	242T 62	5795	159		12.00
802.11ax HE40	484T 65	5755	151		12.00
	484T 65	5795	159		12.00
802.11be HE40	26T 0	5755	151		12.00
	26T 0	5795	159		12.00
802.11be HE40	26T 10	5755	151		12.00
	26T 10	5795	159		12.00
802.11be HE40	26T 4	5755	151		12.00
	26T 4	5795	159		12.00
802.11be HE40	26T 17	5755	151		12.00
	26T 17	5795	159		12.00
802.11be HE40	26T 8	5755	151		12.00
	26T 8	5795	159		12.00
802.11be HE40	52T 37	5755	151		12.00
	52T 37	5795	159		12.00
802.11be HE40	52T 39	5755	151		12.00
	52T 39	5795	159		12.00
802.11be HE40	52T 41	5755	151		12.00
	52T 41	5795	159		12.00
802.11be HE40	52T 40	5755	151		12.00
	52T 40	5795	159		12.00
802.11be HE40	52T 44	5755	151		12.00
	52T 44	5795	159		12.00
802.11be HE40	106T 53	5755	151		12.00
	106T 53	5795	159		12.00
802.11be HE40	106T 54	5755	151		12.00
	106T 54	5795	159		12.00
802.11be HE40	106T 55	5755	151		12.00
	106T 55	5795	159		12.00
802.11be HE40	106T 56	5755	151		12.00
	106T 56	5795	159		12.00
802.11be HE40	242T 61	5755	151		12.00
	242T 61	5795	159		12.00
802.11be HE40	242T 62	5755	151		12.00
	242T 62	5795	159		12.00
802.11be HE40	484T 65	5755	151		12.00
	484T 65	5795	159		12.00
802.11ax HE80	26T 0	5775	155		12.00
802.11ax HE80	26T 18	5775	155		12.00
802.11ax HE80	26T 36	5775	155		12.00
802.11ax HE80	52T 37	5775	155		12.00
802.11ax HE80	52T 45	5775	155		12.00
802.11ax HE80	52T 52	5775	155		12.00
802.11ax HE80	106T 53	5775	155		12.00
802.11ax HE80	106T 57	5775	155		12.00
802.11ax HE80	106T 60	5775	155		12.00
802.11ax HE80	242T 61	5775	155		12.00
802.11ax HE80	242T 63	5775	155		12.00
802.11ax HE80	242T 64	5775	155		12.00
802.11ax HE80	484T 65	5775	155		12.00
802.11ax HE80	484T 66	5775	155		12.00
802.11ax HE80	996T 67	5775	155		12.00
802.11be HE80	26T 0	5775	155		12.00
802.11be HE80	26T 18	5775	155		12.00
802.11be HE80	26T 4	5775	155		12.00
802.11be HE80	26T 36	5775	155		12.00
802.11be HE80	26T 8	5775	155		12.00
802.11be HE80	52T 37	5775	155		12.00
802.11be HE80	52T 39	5775	155		12.00
802.11be HE80	52T 45	5775	155		12.00
802.11be HE80	52T 40	5775	155		12.00
802.11be HE80	52T 52	5775	155		12.00
802.11be HE80	106T 53	5775	155		12.00
802.11be HE80	106T 54	5775	155		12.00
802.11be HE80	106T 57	5775	155		12.00
802.11be HE80	106T 60	5775	155		12.00
802.11be HE80	242T 61	5775	155		12.00
802.11be HE80	242T 63	5775	155		12.00
802.11be HE80	242T 64	5775	155		12.00
802.11be HE80	484T 65	5775	155		12.00
802.11be HE80	484T 66	5775	155		12.00
802.11be HE80	996T 67	5775	155		12.00

WLAN5.8G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		/
	NA	5785	157		/
	NA	5825	165		/
802.11n HT20	NA	5745	149		15.00
	NA	5785	157		15.00
	NA	5825	165		15.00
802.11ac VHT20	NA	5745	149		15.00
	NA	5785	157		15.00
	NA	5825	165		15.00
802.11n HT40	NA	5755	151		15.00
	NA	5795	159		15.00
802.11ac VHT40	NA	5755	151		15.00
	NA	5795	159		15.00
802.11ac VHT80	NA	5775	155		15.00
802.11ax HE20	26T 0	5745	149		15.00
	26T 0	5785	157		15.00
	26T 0	5825	165		15.00
802.11ax HE20	26T 4	5745	149		15.00
	26T 4	5785	157		15.00
	26T 4	5825	165		15.00
802.11ax HE20	26T 8	5745	149		15.00
	26T 8	5785	157		15.00
	26T 8	5825	165		15.00
802.11ax HE20	52T 37	5745	149		15.00
	52T 37	5785	157		15.00
	52T 37	5825	165		15.00
802.11ax HE20	52T 39	5745	149		15.00
	52T 39	5785	157		15.00
	52T 39	5825	165		15.00
802.11ax HE20	52T 40	5745	149		15.00
	52T 40	5785	157		15.00
	52T 40	5825	165		15.00
802.11ax HE20	106T 53	5745	149		15.00
	106T 53	5785	157		15.00
	106T 53	5825	165		15.00
802.11ax HE20	106T 54	5745	149		15.00
	106T 54	5785	157		15.00
	106T 54	5825	165		15.00
802.11ax HE20	242T 61	5745	149		15.00
	242T 61	5785	157		15.00
	242T 61	5825	165		15.00
802.11be HE20	26T 0	5745	149		15.00
	26T 0	5785	157		15.00
	26T 0	5825	165		15.00
802.11be HE20	26T 4	5745	149		15.00
	26T 4	5785	157		15.00
	26T 4	5825	165		15.00
802.11be HE20	26T 8	5745	149		15.00
	26T 8	5785	157		15.00
	26T 8	5825	165		15.00
802.11be HE20	52T 37	5745	149		15.00
	52T 37	5785	157		15.00
	52T 37	5825	165		15.00
802.11be HE20	52T 39	5745	149		15.00
	52T 39	5785	157		15.00
	52T 39	5825	165		15.00
802.11be HE20	52T 40	5745	149		15.00
	52T 40	5785	157		15.00
	52T 40	5825	165		15.00
802.11be HE20	106T 53	5745	149	13.86	15.00
	106T 53	5785	157	**13.88**	15.00
	106T 53	5825	165	13.52	15.00
802.11be HE20	106T 54	5745	149		15.00
	106T 54	5785	157		15.00
	106T 54	5825	165		15.00
802.11be HE20	242T 61	5745	149		15.00
	242T 61	5785	157		15.00
	242T 61	5825	165		15.00
802.11ax HE40	26T 0	5755	151		15.00
	26T 0	5795	159		15.00
802.11ax HE40	26T 10	5755	151		15.00
	26T 10	5795	159		15.00
802.11ax HE40	26T 17	5755	151		15.00
	26T 17	5795	159		15.00
802.11ax HE40	52T 37	5755	151		15.00
	52T 37	5795	159		15.00
802.11ax HE40	52T 41	5755	151		15.00
	52T 41	5795	159		15.00
802.11ax HE40	52T 44	5755	151		15.00
	52T 44	5795	159		15.00
802.11ax HE40	106T 53	5755	151		15.00
	106T 53	5795	159		15.00
802.11ax HE40	106T 55	5755	151		15.00
	106T 55	5795	159		15.00
802.11ax HE40	106T 56	5755	151		15.00
	106T 56	5795	159		15.00
802.11ax HE40	242T 61	5755	151		15.00
	242T 61	5795	159		15.00
802.11ax HE40	242T 62	5755	151		15.00
	242T 62	5795	159		15.00
802.11ax HE40	484T 65	5755	151		15.00
	484T 65	5795	159		15.00
802.11be HE40	26T 0	5755	151		15.00
	26T 0	5795	159		15.00
802.11be HE40	26T 10	5755	151		15.00
	26T 10	5795	159		15.00
802.11be HE40	26T 4	5755	151		15.00
	26T 4	5795	159		15.00
802.11be HE40	26T 17	5755	151		15.00
	26T 17	5795	159		15.00
802.11be HE40	26T 8	5755	151		15.00
	26T 8	5795	159		15.00
802.11be HE40	52T 37	5755	151		15.00
	52T 37	5795	159		15.00
802.11be HE40	52T 39	5755	151		15.00
	52T 39	5795	159		15.00
802.11be HE40	52T 41	5755	151		15.00
	52T 41	5795	159		15.00
802.11be HE40	52T 40	5755	151		15.00
	52T 40	5795	159		15.00
802.11be HE40	52T 44	5755	151		15.00
	52T 44	5795	159		15.00
802.11be HE40	106T 53	5755	151		15.00
	106T 53	5795	159		15.00
802.11be HE40	106T 54	5755	151		15.00
	106T 54	5795	159		15.00
802.11be HE40	106T 55	5755	151		15.00
	106T 55	5795	159		15.00
802.11be HE40	106T 56	5755	151		15.00
	106T 56	5795	159		15.00
802.11be HE40	242T 61	5755	151		15.00
	242T 61	5795	159		15.00
802.11be HE40	242T 62	5755	151		15.00
	242T 62	5795	159		15.00
802.11be HE40	484T 65	5755	151		15.00
	484T 65	5795	159		15.00
802.11ax HE80	26T 0	5775	155		15.00
802.11ax HE80	26T 18	5775	155		15.00
802.11ax HE80	26T 36	5775	155		15.00
802.11ax HE80	52T 37	5775	155		15.00
802.11ax HE80	52T 45	5775	155		15.00
802.11ax HE80	52T 52	5775	155		15.00
802.11ax HE80	106T 53	5775	155		15.00
802.11ax HE80	106T 57	5775	155		15.00
802.11ax HE80	106T 60	5775	155		15.00
802.11ax HE80	242T 61	5775	155		15.00
802.11ax HE80	242T 63	5775	155		15.00
802.11ax HE80	242T 64	5775	155		15.00
802.11ax HE80	484T 65	5775	155		15.00
802.11ax HE80	484T 66	5775	155		15.00
802.11ax HE80	996T 67	5775	155		15.00
802.11be HE80	26T 0	5775	155		15.00
802.11be HE80	26T 18	5775	155		15.00
802.11be HE80	26T 4	5775	155		15.00
802.11be HE80	26T 36	5775	155		15.00
802.11be HE80	26T 8	5775	155		15.00
802.11be HE80	52T 37	5775	155		15.00
802.11be HE80	52T 39	5775	155		15.00
802.11be HE80	52T 45	5775	155		15.00
802.11be HE80	52T 40	5775	155		15.00
802.11be HE80	52T 52	5775	155		15.00
802.11be HE80	106T 53	5775	155		15.00
802.11be HE80	106T 54	5775	155		15.00
802.11be HE80	106T 57	5775	155		15.00
802.11be HE80	106T 60	5775	155		15.00
802.11be HE80	242T 61	5775	155		15.00
802.11be HE80	242T 63	5775	155		15.00
802.11be HE80	242T 64	5775	155		15.00
802.11be HE80	484T 65	5775	155		15.00
802.11be HE80	484T 66	5775	155		15.00
802.11be HE80	996T 67	5775	155		15.00

WLAN/BT DSI6

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		8.00
		2440	19		9.00
		2480	39		8.00
	2M	2404	1		8.00
		2440	19		9.00
		2478	38		8.00
BR/EDR	GFSK	2402	0	**14.72**	16.00
		2441	39	14.31	15.00
		2480	78	13.44	14.00
	DQPSK	2402	0		13.00
		2441	39		13.00
		2480	78		11.00
	8DPSK	2402	0		13.00
		2441	39		13.00
		2480	78		12.00

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		8.00
		2440	19		9.00
		2480	39		8.00
	2M	2404	1		8.00
		2440	19		9.00
		2478	38		8.00
BR/EDR	GFSK	2402	0	**15.33**	16.00
		2441	39	15.01	16.00
		2480	78	14.89	16.00
	DQPSK	2402	0		14.00
		2441	39		14.00
		2480	78		13.00
	8DPSK	2402	0		13.00
		2441	39		13.00
		2480	78		13.00

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		/
		2440	19		/
		2480	39		/
	2M	2404	1		/
		2440	19		/
		2478	38		/
BR/EDR	GFSK	2402	0	**18.84**	20.00
		2441	39	18.81	20.00
		2480	78	18.05	19.00
	DQPSK	2402	0		18.00
		2441	39		17.00
		2480	78		16.00
	8DPSK	2402	0		18.00
		2441	39		17.00
		2480	78		17.00

WLAN2.4G Ant11					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11g	NA	2412	1		19.00
		2437	6		18.00
		2462	11		19.00
802.11n HT20	NA	2412	1		19.00
		2437	6		18.00
		2462	11		19.00
802.11n HT40	NA	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE20	26T+0	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	26T+4	2412	1		18.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	26T+8	2412	1		18.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	52T+37	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	52T+39	2412	1		18.00
		2437	6		17.00
		2462	11		18.00
802.11ax HE20	52T+40	2412	1		19.00
		2437	6		17.00
		2462	11		18.00
802.11ax HE20	106T+53	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11ax HE20	106T+54	2412	1	**17.99**	19.00
		2437	6	17.92	19.00
		2462	11	17.95	19.00
802.11ax HE20	242T+61	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11ax HE40	26T+0	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	26T+10	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	26T+17	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	52T+37	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	52T+41	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	52T+44	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	106T+53	2422	3		19.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	106T+55	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	106T+56	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	242T+61	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	242T+62	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	484T+65	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE20	26T+0	2412	1		17.00
		2437	6		18.00
		2462	11		17.00
802.11be HE20	26T+4	2412	1		18.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	26T+8	2412	1		18.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	52T+37	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	52T+39	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	52T+40	2412	1		19.00
		2437	6		18.00
		2462	11		18.00
802.11be HE20	106T+53	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	106T+54	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	242T+61	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	26+106	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11be HE40	26T+0	2422	3		18.00
		2437	6		19.00
		2452	9		18.00
802.11be HE40	26T+10	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	26T+17	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	52T+37	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	52T+41	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	52T+44	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	106T+53	2422	3		19.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	106T+55	2422	3		18.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	106T+56	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	242T+61	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	242T+62	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	484T+65	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	26+106	2422	3		18.00

WLAN2.4G Ant9					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11g	NA	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11n HT20	NA	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11n HT40	NA	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE20	26T+0	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	26T+4	2412	1		18.00
		2437	6		18.00
		2462	11		17.00
802.11ax HE20	26T+8	2412	1		18.00
		2437	6		18.00
		2462	11		17.00
802.11ax HE20	52T+37	2412	1		18.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	52T+39	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11ax HE20	52T+40	2412	1		19.00
		2437	6		18.00
		2462	11		17.00
802.11ax HE20	106T+53	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11ax HE20	106T+54	2412	1	**17.95**	19.00
		2437	6	17.85	19.00
		2462	11	17.83	19.00
802.11ax HE20	242T+61	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11ax HE40	26T+0	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	26T+10	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	26T+17	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	52T+37	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	52T+41	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	52T+44	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	106T+53	2422	3		19.00
		2437	6		19.00
		2452	9		18.00
802.11ax HE40	106T+55	2422	3		19.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	106T+56	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	242T+61	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	242T+62	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	484T+65	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE20	26T+0	2412	1		18.00
		2437	6		18.00
		2462	11		17.00
802.11be HE20	26T+4	2412	1		18.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	26T+8	2412	1		18.00
		2437	6		18.00
		2462	11		17.00
802.11be HE20	52T+37	2412	1		18.00
		2437	6		18.00
		2462	11		17.00
802.11be HE20	52T+39	2412	1		18.00
		2437	6		17.00
		2462	11		18.00
802.11be HE20	52T+40	2412	1		18.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	106T+53	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	106T+54	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	242T+61	2412	1		19.00
		2437	6		18.00
		2462	11		18.00
802.11be HE20	26+106	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11be HE40	26T+0	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	26T+10	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	26T+17	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	52T+37	2422	3		17.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	52T+41	2422	3		17.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	52T+44	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	106T+53	2422	3		19.00
		2437	6		19.00
		2452	9		17.00
802.11be HE40	106T+55	2422	3		19.00
		2437	6		19.00
		2452	9		18.00
802.11be HE40	106T+56	2422	3		19.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	242T+61	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	242T+62	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	484T+65	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	26+106	2422	3		18.00

WLAN2.4G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		/
		2437	6		/
		2462	11		/
802.11g	NA	2412	1		/
		2437	6		/
		2462	11		/
802.11n HT20	NA	2412	1		21.00
		2437	6		21.00
		2462	11		21.00
802.11n HT40	NA	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11ax HE20	26T+0	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	26T+4	2412	1		21.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	26T+8	2412	1		21.00
		2437	6		21.00
		2462	11		20.00
802.11ax HE20	52T+37	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	52T+39	2412	1		21.00
		2437	6		20.00
		2462	11		21.00
802.11ax HE20	52T+40	2412	1		22.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	106T+53	2412	1		22.00
		2437	6		22.00
		2462	11		22.00
802.11ax HE20	106T+54	2412	1	**20.98**	22.00
		2437	6	20.90	22.00
		2462	11	20.90	22.00
802.11ax HE20	242T+61	2412	1		21.00
		2437	6		21.00
		2462	11		21.00
802.11ax HE40	26T+0	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	26T+10	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	26T+17	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	52T+37	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	52T+41	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	52T+44	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	106T+53	2422	3		22.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	106T+55	2422	3		22.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	106T+56	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	242T+61	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	242T+62	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	484T+65	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE20	26T+0	2412	1		20.00
		2437	6		21.00
		2462	11		20.00
802.11be HE20	26T+4	2412	1		21.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	26T+8	2412	1		21.00
		2437	6		21.00
		2462	11		20.00
802.11be HE20	52T+37	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	52T+39	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	52T+40	2412	1		22.00
		2437	6		21.00
		2462	11		20.00
802.11be HE20	106T+53	2412	1		22.00
		2437	6		22.00
		2462	11		22.00
802.11be HE20	106T+54	2412	1		22.00
		2437	6		22.00
		2462	11		22.00
802.11be HE20	242T+61	2412	1		22.00
		2437	6		22.00
		2462	11		22.00
802.11be HE20	26+106	2412	1		21.00
		2437	6		21.00
		2462	11		21.00
802.11be HE40	26T+0	2422	3		21.00
		2437	6		22.00
		2452	9		21.00
802.11be HE40	26T+10	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11be HE40	26T+17	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11be HE40	52T+37	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11be HE40	52T+41	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11be HE40	52T+44	2422	3		21.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	106T+53	2422	3		22.00
		2437	6		21.00
		2452	9		21.00
802.11be HE40	106T+55	2422	3		21.00
		2437	6		22.00
		2452	9		21.00
802.11be HE40	106T+56	2422	3		22.00
		2437	6		21.00
		2452	9		22.00
802.11be HE40	242T+61	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11be HE40	242T+62	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11be HE40	484T+65	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	26+106	2422	3		21.00

WLAN DSI6

WLAN5.2G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		20.00
		5220	44		20.00
		5240	48		19.00
802.11n HT20	NA	5180	36	18.58	20.00
		5200	40	**18.62**	20.00
		5220	44	17.96	19.00
		5240	48	17.72	19.00
802.11ac VHT20	NA	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11n HT40	NA	5190	38		18.00
		5230	46		18.00
802.11ac VHT40	NA	5190	38		18.00
		5230	46		18.00
802.11ac VHT80	NA	5210	42		18.00
802.11ac VHT160	NA	5250	50		16.00
802.11ax HE20	26T 0	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 4	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 8	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	52T 37	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	52T 39	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	52T 40	5180	36		18.00
		5220	44		18.00
		5240	48		19.00
802.11ax HE20	106T 53	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE20	106T 54	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE20	242T 61	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	26T 0	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 4	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 8	5180	36		10.00
		5220	44		11.00
		5240	48		11.00
802.11be HE20	52T 37	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	52T 39	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	52T 40	5180	36		18.00
		5220	44		18.00
		5240	48		19.00
802.11be HE20	106T 53	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	106T 54	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	242T 61	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE40	26T 0	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 10	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 17	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 37	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 41	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 44	5190	38		17.00
		5230	46		17.00
802.11ax HE40	106T 53	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 55	5190	38		18.00
		5230	46		18.00
802.11ax HE40	106T 56	5190	38		18.00
		5230	46		19.00
802.11ax HE40	242T 61	5190	38		18.00
		5230	46		18.00
802.11ax HE40	242T 62	5190	38		18.00
		5230	46		18.00
802.11ax HE40	484T 65	5190	38		17.00
		5230	46		17.00
802.11ax HE40	26T 0	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 10	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 4	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 17	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 8	5190	38		14.00
		5230	46		14.00
802.11ax HE40	52T 37	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 39	5190	38		17.00
		5230	46		18.00
802.11ax HE40	52T 41	5190	38		18.00
		5230	46		18.00
802.11ax HE40	52T 40	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 44	5190	38		17.00
		5230	46		17.00
802.11ax HE40	106T 53	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 54	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 55	5190	38		18.00
		5230	46		19.00
802.11ax HE40	106T 56	5190	38		18.00
		5230	46		18.00
802.11ax HE40	242T 61	5190	38		17.00
		5230	46		17.00
802.11ax HE40	242T 62	5190	38		18.00
		5230	46		18.00
802.11ax HE40	484T 65	5190	38		17.00
		5230	46		17.00
802.11ax HE80	26T 0	5210	42		14.00
802.11ax HE80	26T 18	5210	42		14.00
802.11ax HE80	26T 36	5210	42		14.00
802.11ax HE80	52T 37	5210	42		18.00
802.11ax HE80	52T 45	5210	42		18.00
802.11ax HE80	52T 52	5210	42		18.00
802.11ax HE80	106T 53	5210	42		19.00
802.11ax HE80	106T 57	5210	42		18.00
802.11ax HE80	106T 60	5210	42		18.00
802.11ax HE80	242T 61	5210	42		16.00
802.11ax HE80	242T 63	5210	42		16.00
802.11ax HE80	242T 64	5210	42		17.00
802.11ax HE80	484T 65	5210	42		17.00
802.11ax HE80	484T 66	5210	42		16.00
802.11ax HE80	996T 67	5210	42		16.00
802.11be HE80	26T 0	5210	42		9.00
802.11be HE80	26T 18	5210	42		9.00
802.11be HE80	26T 4	5210	42		10.00
802.11be HE80	26T 36	5210	42		10.00
802.11be HE80	26T 8	5210	42		9.00
802.11be HE80	52T 37	5210	42		18.00
802.11be HE80	52T 39	5210	42		18.00
802.11be HE80	52T 45	5210	42		18.00
802.11be HE80	52T 40	5210	42		17.00
802.11be HE80	52T 52	5210	42		18.00
802.11be HE80	106T 53	5210	42		19.00
802.11be HE80	106T 54	5210	42		18.00
802.11be HE80	106T 57	5210	42		19.00
802.11be HE80	106T 60	5210	42		19.00
802.11be HE80	242T 61	5210	42		16.00
802.11be HE80	242T 63	5210	42		17.00
802.11be HE80	242T 64	5210	42		17.00
802.11be HE80	484T 65	5210	42		17.00
802.11be HE80	484T 66	5210	42		16.00
802.11be HE80	996T 67	5210	42		16.00
802.11ax HE160	26T L	5250	50		14.00
802.11ax HE160	26T H	5250	50		14.00
802.11ax HE160	52T L	5250	50		14.00
802.11ax HE160	52T H	5250	50		14.00
802.11ax HE160	106T L	5250	50		18.00
802.11ax HE160	106T H	5250	50		18.00
802.11ax HE160	242T L	5250	50		15.00
802.11ax HE160	242T H	5250	50		15.00
802.11ax HE160	484T L	5250	50		15.00
802.11ax HE160	484T H	5250	50		15.00
802.11ax HE160	996T L	5250	50		15.00
802.11ax HE160	996T H	5250	50		15.00
802.11ax HE160	1992T LH	5250	50		15.00
802.11be HE160	26T L	5250	50		10.00
802.11be HE160	26T H	5250	50		10.00
802.11be HE160	52T L	5250	50		15.00
802.11be HE160	52T H	5250	50		14.00
802.11be HE160	106T L	5250	50		18.00
802.11be HE160	106T H	5250	50		18.00
802.11be HE160	242T L	5250	50		15.00
802.11be HE160	242T H	5250	50		15.00
802.11be HE160	484T L	5250	50		15.00
802.11be HE160	484T H	5250	50		15.00
802.11be HE160	996T L	5250	50		15.00
802.11be HE160	996T H	5250	50		15.00
802.11be HE160	1992T LH	5250	50		15.00
802.11be HE160	484+996	5250	50		15.00
802.11be HE160	242+484+996	5250	50		15.00

WLAN5.2G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		20.00
		5220	44		19.00
		5240	48		19.00
802.11n HT20	NA	5180	36	18.32	19.00
		5200	40	**18.45**	19.00
		5220	44	18.31	19.00
		5240	48	17.38	18.00
802.11ac VHT20	NA	5180	36		19.00
		5220	44		18.00
		5240	48		18.00
802.11n HT40	NA	5190	38		18.00
		5230	46		18.00
802.11ac VHT40	NA	5190	38		18.00
		5230	46		18.00
802.11ac VHT80	NA	5210	42		17.00
802.11ac VHT160	NA	5250	50		16.00
802.11ax HE20	26T 0	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 4	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 8	5180	36		15.00
		5220	44		16.00
		5240	48		15.00
802.11ax HE20	52T 37	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	52T 39	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	52T 40	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	106T 53	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE20	106T 54	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE20	242T 61	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	26T 0	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 4	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 8	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	52T 37	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	52T 39	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	52T 40	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	106T 53	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	106T 54	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	242T 61	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE40	26T 0	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 10	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 17	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 37	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 41	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 44	5190	38		17.00
		5230	46		17.00
802.11ax HE40	106T 53	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 55	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 56	5190	38		18.00
		5230	46		18.00
802.11ax HE40	242T 61	5190	38		18.00
		5230	46		18.00
802.11ax HE40	242T 62	5190	38		18.00
		5230	46		18.00
802.11ax HE40	484T 65	5190	38		17.00
		5230	46		17.00
802.11ax HE80	26T 0	5210	42		14.00
802.11ax HE80	26T 18	5210	42		14.00
802.11ax HE80	26T 36	5210	42		14.00
802.11ax HE80	52T 37	5210	42		17.00
802.11ax HE80	52T 45	5210	42		17.00
802.11ax HE80	52T 52	5210	42		18.00
802.11ax HE80	106T 53	5210	42		18.00
802.11ax HE80	106T 57	5210	42		19.00
802.11ax HE80	106T 60	5210	42		19.00
802.11ax HE80	242T 61	5210	42		16.00
802.11ax HE80	242T 63	5210	42		17.00
802.11ax HE80	242T 64	5210	42		17.00
802.11ax HE80	484T 65	5210	42		17.00
802.11ax HE80	484T 66	5210	42		17.00
802.11ax HE80	996T 67	5210	42		16.00
802.11be HE80	26T 0	5210	42		9.00
802.11be HE80	26T 18	5210	42		10.00
802.11be HE80	26T 4	5210	42		9.00
802.11be HE80	26T 36	5210	42		10.00
802.11be HE80	26T 8	5210	42		10.00
802.11be HE80	52T 37	5210	42		17.00
802.11be HE80	52T 39	5210	42		17.00
802.11be HE80	52T 45	5210	42		18.00
802.11be HE80	52T 40	5210	42		18.00
802.11be HE80	52T 52	5210	42		18.00
802.11be HE80	106T 53	5210	42		19.00
802.11be HE80	106T 54	5210	42		19.00
802.11be HE80	106T 57	5210	42		19.00
802.11be HE80	106T 60	5210	42		19.00
802.11be HE80	242T 61	5210	42		16.00
802.11be HE80	242T 63	5210	42		17.00
802.11be HE80	242T 64	5210	42		17.00
802.11be HE80	484T 65	5210	42		17.00
802.11be HE80	484T 66	5210	42		17.00
802.11be HE80	996T 67	5210	42		17.00
802.11ax HE160	26T L	5250	50		14.00
802.11ax HE160	26T H	5250	50		14.00
802.11ax HE160	52T L	5250	50		14.00
802.11ax HE160	52T H	5250	50		14.00
802.11ax HE160	106T L	5250	50		18.00
802.11ax HE160	106T H	5250	50		18.00
802.11ax HE160	242T L	5250	50		15.00
802.11ax HE160	242T H	5250	50		15.00
802.11ax HE160	484T L	5250	50		15.00
802.11ax HE160	484T H	5250	50		15.00
802.11ax HE160	996T L	5250	50		15.00
802.11ax HE160	996T H	5250	50		15.00
802.11ax HE160	1992T LH	5250	50		15.00
802.11be HE160	26T L	5250	50		10.00
802.11be HE160	26T H	5250	50		10.00
802.11be HE160	52T L	5250	50		14.00
802.11be HE160	52T H	5250	50		14.00
802.11be HE160	106T L	5250	50		18.00
802.11be HE160	106T H	5250	50		18.00
802.11be HE160	242T L	5250	50		15.00
802.11be HE160	242T H	5250	50		15.00
802.11be HE160	484T L	5250	50		15.00
802.11be HE160	484T H	5250	50		15.00
802.11be HE160	996T L	5250	50		15.00
802.11be HE160	996T H	5250	50		15.00
802.11be HE160	1992T LH	5250	50		15.00
802.11be HE160	484+996	5250	50		15.00
802.11be HE160	242+484+996	5250	50		15.00

WLAN5.2G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		/
		5220	44		/
		5240	48		/
802.11n HT20	NA	5180	36	21.46	22.00
		5200	40	**21.55**	23.00
		5220	44	21.15	22.00
		5240	48	20.56	22.00
802.11ac VHT20	NA	5180	36		22.00
		5220	44		21.00
		5240	48		22.00
802.11n HT40	NA	5190	38		21.00
		5230	46		21.00
802.11ac VHT40	NA	5190	38		21.00
		5230	46		21.00
802.11ac VHT80	NA	5210	42		20.00
802.11ac VHT160	NA	5250	50		19.00
802.11ax HE20	26T 0	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	26T 4	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	26T 8	5180	36		19.00
		5220	44		19.00
		5240	48		18.00
802.11ax HE20	52T 37	5180	36		21.00
		5220	44		21.00
		5240	48		21.00
802.11ax HE20	52T 39	5180	36		21.00
		5220	44		21.00
		5240	48		21.00
802.11ax HE20	52T 40	5180	36		21.00
		5220	44		21.00
		5240	48		21.00
802.11ax HE20	106T 53	5180	36		22.00
		5220	44		22.00
		5240	48		22.00
802.11ax HE20	106T 54	5180	36		22.00
		5220	44		22.00
		5240	48		22.00
802.11ax HE20	242T 61	5180	36		22.00
		5220	44		22.00
		5240	48		22.00
802.11be HE20	26T 0	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	26T 4	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	26T 8	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	52T 37	5180	36		21.00
		5220	44		21.00
		5240	48		21.00
802.11be HE20	52T 39	5180	36		21.00
		5220	44		21.00
		5240	48		21.00
802.11be HE20	52T 40	5180	36		21.00
		5220	44		21.00
		5240	48		21.00
802.11be HE20	106T 53	5180	36		22.00
		5220	44		22.00
		5240	48		22.00
802.11be HE20	106T 54	5180	36		22.00
		5220	44		22.00
		5240	48		22.00
802.11be HE20	242T 61	5180	36		22.00
		5220	44		22.00
		5240	48		22.00
802.11ax HE40	26T 0	5190	38		18.00
		5230	46		18.00
802.11ax HE40	26T 10	5190	38		18.00
		5230	46		18.00
802.11ax HE40	26T 17	5190	38		18.00
		5230	46		18.00
802.11ax HE40	52T 37	5190	38		20.00
		5230	46		20.00
802.11ax HE40	52T 41	5190	38		20.00
		5230	46		20.00
802.11ax HE40	52T 44	5190	38		20.00
		5230	46		20.00
802.11ax HE40	106T 53	5190	38		22.00
		5230	46		22.00
802.11ax HE40	106T 55	5190	38		22.00
		5230	46		22.00
802.11ax HE40	106T 56	5190	38		21.00
		5230	46		22.00
802.11ax HE40	242T 61	5190	38		21.00
		5230	46		21.00
802.11ax HE40	242T 62	5190	38		21.00
		5230	46		21.00
802.11ax HE40	484T 65	5190	38		20.00
		5230	46		20.00
802.11ax HE80	26T 0	5210	42		17.00
802.11ax HE80	26T 18	5210	42		17.00
802.11ax HE80	26T 36	5210	42		17.00
802.11ax HE80	52T 37	5210	42		21.00
802.11ax HE80	52T 45	5210	42		21.00
802.11ax HE80	52T 52	5210	42		21.00
802.11ax HE80	106T 53	5210	42		22.00
802.11ax HE80	106T 57	5210	42		22.00
802.11ax HE80	106T 60	5210	42		22.00
802.11ax HE80	242T 61	5210	42		19.00
802.11ax HE80	242T 63	5210	42		19.00
802.11ax HE80	242T 64	5210	42		20.00
802.11ax HE80	484T 65	5210	42		20.00
802.11ax HE80	484T 66	5210	42		20.00
802.11ax HE80	996T 67	5210	42		19.00
802.11be HE80	26T 0	5210	42		12.00
802.11be HE80	26T 18	5210	42		13.00
802.11be HE80	26T 4	5210	42		13.00
802.11be HE80	26T 36	5210	42		13.00
802.11be HE80	26T 8	5210	42		12.00
802.11be HE80	52T 37	5210	42		21.00
802.11be HE80	52T 39	5210	42		21.00
802.11be HE80	52T 45	5210	42		21.00
802.11be HE80	52T 40	5210	42		21.00
802.11be HE80	52T 52	5210	42		21.00
802.11be HE80	106T 53	5210	42		22.00
802.11be HE80	106T 54	5210	42		22.00
802.11be HE80	106T 57	5210	42		22.00
802.11be HE80	106T 60	5210	42		22.00
802.11be HE80	242T 61	5210	42		19.00
802.11be HE80	242T 63	5210	42		20.00
802.11be HE80	242T 64	5210	42		20.00
802.11be HE80	484T 65	5210	42		20.00
802.11be HE80	484T 66	5210	42		20.00
802.11be HE80	996T 67	5210	42		20.00
802.11ax HE160	26T L	5250	50		17.00
802.11ax HE160	26T H	5250	50		17.00
802.11ax HE160	52T L	5250	50		17.00
802.11ax HE160	52T H	5250	50		17.00
802.11ax HE160	106T L	5250	50		21.00
802.11ax HE160	106T H	5250	50		21.00
802.11ax HE160	242T L	5250	50		18.00
802.11ax HE160	242T H	5250	50		18.00
802.11ax HE160	484T L	5250	50		18.00
802.11ax HE160	484T H	5250	50		18.00
802.11ax HE160	996T L	5250	50		18.00
802.11ax HE160	996T H	5250	50		18.00
802.11ax HE160	1992T LH	5250	50		18.00
802.11be HE160	26T L	5250	50		13.00
802.11be HE160	26T H	5250	50		13.00
802.11be HE160	52T L	5250	50		17.00
802.11be HE160	52T H	5250	50		17.00
802.11be HE160	106T L	5250	50		21.00
802.11be HE160	106T H	5250	50		21.00
802.11be HE160	242T L	5250	50		18.00
802.11be HE160	242T H	5250	50		19.00
802.11be HE160	484T L	5250	50		18.00
802.11be HE160	484T H	5250	50		18.00
802.11be HE160	996T L	5250	50		18.00
802.11be HE160	996T H	5250	50		18.00
802.11be HE160	1992T LH	5250	50		18.00
802.11be HE160	484+996	5250	50		18.00
802.11be HE160	242+484+996	5250	50		18.00

WLAN DSI6

WLAN5.3G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11n HT20	NA	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ac VHT20	NA	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11n HT40	NA	5270	54		19.00
		5310	62		19.00
802.11ac VHT40	NA	5270	54		19.00
		5310	62		18.00
802.11ac VHT80	NA	5290	58		17.00
802.11ax HE20	26T 0	5260	52		10.00
		5280	56		11.00
		5320	64		11.00
802.11ax HE20	26T 4	5260	52		10.00
		5280	56		10.00
		5320	64		11.00
802.11ax HE20	26T 8	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11ax HE20	52T 37	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11ax HE20	52T 39	5260	52		17.00
		5280	56		17.00
		5320	64		18.00
802.11ax HE20	52T 40	5260	52		18.00
		5280	56		18.00
		5320	64		19.00
802.11ax HE20	106T 53	5260	52	17.62	19.00
		5280	56	17.66	19.00
		5300	60	18.28	19.00
		5320	64	**18.33**	19.00
802.11ax HE20	106T 54	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ax HE20	242T 61	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	26T 0	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 4	5260	52		10.00
		5280	56		10.00
		5320	64		11.00
802.11be HE20	26T 8	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	52T 37	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	52T 39	5260	52		17.00
		5280	56		17.00
		5320	64		18.00
802.11be HE20	52T 40	5260	52		18.00
		5280	56		18.00
		5320	64		19.00
802.11be HE20	106T 53	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	106T 54	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	242T 61	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ax HE40	26T 0	5270	54		14.00
		5310	62		11.00
802.11ax HE40	26T 10	5270	54		15.00
		5310	62		11.00
802.11ax HE40	26T 17	5270	54		14.00
		5310	62		11.00
802.11ax HE40	52T 37	5270	54		17.00
		5310	62		17.00
802.11ax HE40	52T 41	5270	54		18.00
		5310	62		17.00
802.11ax HE40	52T 44	5270	54		17.00
		5310	62		17.00
802.11ax HE40	106T 53	5270	54		19.00
		5310	62		19.00
802.11ax HE40	106T 55	5270	54		19.00
		5310	62		19.00
802.11ax HE40	106T 56	5270	54		19.00
		5310	62		19.00
802.11ax HE40	242T 61	5270	54		17.00
		5310	62		18.00
802.11ax HE40	242T 62	5270	54		18.00
		5310	62		18.00
802.11ax HE40	484T 65	5270	54		18.00
		5310	62		17.00
802.11be HE40	26T 0	5270	54		14.00
		5310	62		11.00
802.11be HE40	26T 10	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 4	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 17	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 8	5270	54		14.00
		5310	62		14.00
802.11be HE40	52T 37	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 39	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 41	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 40	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 44	5270	54		17.00
		5310	62		17.00
802.11be HE40	106T 53	5270	54		19.00
		5310	62		19.00
802.11be HE40	106T 54	5270	54		18.00
		5310	62		19.00
802.11be HE40	106T 55	5270	54		19.00
		5310	62		19.00
802.11be HE40	106T 56	5270	54		18.00
		5310	62		18.00
802.11be HE40	242T 61	5270	54		17.00
		5310	62		18.00
802.11be HE40	242T 62	5270	54		18.00
		5310	62		18.00
802.11be HE40	484T 65	5270	54		18.00
		5310	62		17.00
802.11ax HE80	26T 0	5290	58		11.00
802.11ax HE80	26T 18	5290	58		11.00
802.11ax HE80	26T 36	5290	58		11.00
802.11ax HE80	52T 37	5290	58		17.00
802.11ax HE80	52T 45	5290	58		17.00
802.11ax HE80	52T 52	5290	58		17.00
802.11ax HE80	106T 53	5290	58		19.00
802.11ax HE80	106T 57	5290	58		19.00
802.11ax HE80	106T 60	5290	58		18.00
802.11ax HE80	242T 61	5290	58		16.00
802.11ax HE80	242T 63	5290	58		17.00
802.11ax HE80	242T 64	5290	58		17.00
802.11ax HE80	484T 65	5290	58		16.00
802.11ax HE80	484T 66	5290	58		16.00
802.11ax HE80	996T 67	5290	58		16.00
802.11be HE80	26T 0	5290	58		10.00
802.11be HE80	26T 18	5290	58		10.00
802.11be HE80	26T 4	5290	58		11.00
802.11be HE80	26T 36	5290	58		10.00
802.11be HE80	26T 8	5290	58		10.00
802.11be HE80	52T 37	5290	58		17.00
802.11be HE80	52T 39	5290	58		17.00
802.11be HE80	52T 45	5290	58		17.00
802.11be HE80	52T 40	5290	58		17.00
802.11be HE80	52T 52	5290	58		17.00
802.11be HE80	106T 53	5290	58		19.00
802.11be HE80	106T 54	5290	58		18.00
802.11be HE80	106T 57	5290	58		18.00
802.11be HE80	106T 60	5290	58		19.00
802.11be HE80	242T 61	5290	58		16.00
802.11be HE80	242T 63	5290	58		16.00
802.11be HE80	242T 64	5290	58		16.00
802.11be HE80	484T 65	5290	58		16.00
802.11be HE80	484T 66	5290	58		16.00
802.11be HE80	996T 67	5290	58		16.00

WLAN5.3G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11n HT20	NA	5260	52		19.00
		5280	56		18.00
		5320	64		18.00
802.11ac VHT20	NA	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11n HT40	NA	5270	54		18.00
		5310	62		18.00
802.11ac VHT40	NA	5270	54		18.00
		5310	62		18.00
802.11ac VHT80	NA	5290	58		17.00
802.11ax HE20	26T 0	5260	52		10.00
		5280	56		10.00
		5320	64		10.00
802.11ax HE20	26T 4	5260	52		11.00
		5280	56		11.00
		5320	64		10.00
802.11ax HE20	26T 8	5260	52		10.00
		5280	56		11.00
		5320	64		10.00
802.11ax HE20	52T 37	5260	52		18.00
		5280	56		18.00
		5320	64		17.00
802.11ax HE20	52T 39	5260	52		18.00
		5280	56		18.00
		5320	64		17.00
802.11ax HE20	52T 40	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11ax HE20	106T 53	5260	52	17.83	19.00
		5280	56	17.92	19.00
		5300	60	18.21	19.00
		5320	64	**18.26**	19.00
802.11ax HE20	106T 54	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ax HE20	242T 61	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	26T 0	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 4	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 8	5260	52		10.00
		5280	56		10.00
		5320	64		10.00
802.11be HE20	52T 37	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	52T 39	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	52T 40	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	106T 53	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	106T 54	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	242T 61	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ax HE40	26T 0	5270	54		15.00
		5310	62		10.00
802.11ax HE40	26T 10	5270	54		15.00
		5310	62		10.00
802.11ax HE40	26T 17	5270	54		14.00
		5310	62		11.00
802.11ax HE40	52T 37	5270	54		17.00
		5310	62		17.00
802.11ax HE40	52T 41	5270	54		17.00
		5310	62		17.00
802.11ax HE40	52T 44	5270	54		17.00
		5310	62		17.00
802.11ax HE40	106T 53	5270	54		18.00
		5310	62		18.00
802.11ax HE40	106T 55	5270	54		19.00
		5310	62		19.00
802.11ax HE40	106T 56	5270	54		18.00
		5310	62		19.00
802.11ax HE40	242T 61	5270	54		17.00
		5310	62		17.00
802.11ax HE40	242T 62	5270	54		17.00
		5310	62		17.00
802.11ax HE40	484T 65	5270	54		17.00
		5310	62		17.00
802.11be HE40	26T 0	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 10	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 4	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 17	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 8	5270	54		14.00
		5310	62		14.00
802.11be HE40	52T 37	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 39	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 41	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 40	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 44	5270	54		17.00
		5310	62		17.00
802.11be HE40	106T 53	5270	54		18.00
		5310	62		18.00
802.11be HE40	106T 54	5270	54		19.00
		5310	62		19.00
802.11be HE40	106T 55	5270	54		19.00
		5310	62		18.00
802.11be HE40	106T 56	5270	54		18.00
		5310	62		18.00
802.11be HE40	242T 61	5270	54		17.00
		5310	62		17.00
802.11be HE40	242T 62	5270	54		17.00
		5310	62		17.00
802.11be HE40	484T 65	5270	54		17.00
		5310	62		17.00
802.11ax HE80	26T 0	5290	58		11.00
802.11ax HE80	26T 18	5290	58		11.00
802.11ax HE80	26T 36	5290	58		11.00
802.11ax HE80	52T 37	5290	58		17.00
802.11ax HE80	52T 45	5290	58		17.00
802.11ax HE80	52T 52	5290	58		17.00
802.11ax HE80	106T 53	5290	58		18.00
802.11ax HE80	106T 57	5290	58		18.00
802.11ax HE80	106T 60	5290	58		19.00
802.11ax HE80	242T 61	5290	58		16.00
802.11ax HE80	242T 63	5290	58		17.00
802.11ax HE80	242T 64	5290	58		17.00
802.11ax HE80	484T 65	5290	58		16.00
802.11ax HE80	484T 66	5290	58		16.00
802.11ax HE80	996T 67	5290	58		16.00
802.11be HE80	26T 0	5290	58		10.00
802.11be HE80	26T 18	5290	58		10.00
802.11be HE80	26T 4	5290	58		10.00
802.11be HE80	26T 36	5290	58		10.00
802.11be HE80	26T 8	5290	58		11.00
802.11be HE80	52T 37	5290	58		17.00
802.11be HE80	52T 39	5290	58		17.00
802.11be HE80	52T 45	5290	58		17.00
802.11be HE80	52T 40	5290	58		18.00
802.11be HE80	52T 52	5290	58		18.00
802.11be HE80	106T 53	5290	58		18.00
802.11be HE80	106T 54	5290	58		19.00
802.11be HE80	106T 57	5290	58		19.00
802.11be HE80	106T 60	5290	58		18.00
802.11be HE80	242T 61	5290	58		16.00
802.11be HE80	242T 63	5290	58		16.00
802.11be HE80	242T 64	5290	58		16.00
802.11be HE80	484T 65	5290	58		16.00
802.11be HE80	484T 66	5290	58		16.00
802.11be HE80	996T 67	5290	58		16.00

WLAN5.3G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		/
		5280	56		/
		5320	64		/
802.11n HT20	NA	5260	52		22.00
		5280	56		22.00
		5320	64		22.00
802.11ac VHT20	NA	5260	52		22.00
		5280	56		22.00
		5320	64		21.00
802.11n HT40	NA	5270	54		21.00
		5310	62		21.00
802.11ac VHT40	NA	5270	54		21.00
		5310	62		21.00
802.11ac VHT80	NA	5290	58		20.00
802.11ax HE20	26T 0	5260	52		13.00
		5280	56		13.00
		5320	64		14.00
802.11ax HE20	26T 4	5260	52		13.00
		5280	56		14.00
		5320	64		14.00
802.11ax HE20	26T 8	5260	52		14.00
		5280	56		14.00
		5320	64		14.00
802.11ax HE20	52T 37	5260	52		21.00
		5280	56		21.00
		5320	64		20.00
802.11ax HE20	52T 39	5260	52		21.00
		5280	56		21.00
		5320	64		21.00
802.11ax HE20	52T 40	5260	52		21.00
		5280	56		21.00
		5320	64		21.00
802.11ax HE20	106T 53	5260	52	20.74	22.00
		5280	56	20.80	22.00
		5300	60	21.26	22.00
		5320	64	**21.31**	22.00
802.11ax HE20	106T 54	5260	52		22.00
		5280	56		22.00
		5320	64		22.00
802.11ax HE20	242T 61	5260	52		22.00
		5280	56		22.00
		5320	64		22.00
802.11be HE20	26T 0	5260	52		14.00
		5280	56		14.00
		5320	64		14.00
802.11be HE20	26T 4	5260	52		13.00
		5280	56		13.00
		5320	64		14.00
802.11be HE20	26T 8	5260	52		14.00
		5280	56		14.00
		5320	64		14.00
802.11be HE20	52T 37	5260	52		21.00
		5280	56		21.00
		5320	64		21.00
802.11be HE20	52T 39	5260	52		21.00
		5280	56		21.00
		5320	64		21.00
802.11be HE20	106T 54	5260	52		22.00
		5280	56		22.00
		5320	64		22.00
802.11be HE20	242T 61	5260	52		22.00
		5280	56		22.00
		5320	64		22.00
802.11ax HE40	26T 0	5270	54		18.00
		5310	62		13.00
802.11ax HE40	26T 10	5270	54		18.00
		5310	62		14.00
802.11ax HE40	26T 17	5270	54		17.00
		5310	62		14.00
802.11ax HE40	52T 37	5270	54		20.00
		5310	62		20.00
802.11ax HE40	52T 41	5270	54		20.00
		5310	62		20.00
802.11ax HE40	52T 44	5270	54		20.00
		5310	62		20.00
802.11ax HE40	106T 53	5270	54		22.00
		5310	62		22.00
802.11ax HE40	106T 55	5270	54		22.00
		5310	62		22.00
802.11ax HE40	106T 56	5270	54		22.00
		5310	62		22.00
802.11ax HE40	242T 61	5270	54		20.00
		5310	62		21.00
802.11ax HE40	242T 62	5270	54		21.00
		5310	62		20.00
802.11ax HE40	484T 65	5270	54		20.00
		5310	62		20.00
802.11be HE40	26T 0	5270	54		18.00
		5310	62		14.00
802.11be HE40	26T 10	5270	54		18.00
		5310	62		14.00
802.11be HE40	26T 4	5270	54		18.00
		5310	62		14.00
802.11be HE40	26T 17	5270	54		18.00
		5310	62		14.00
802.11be HE40	26T 8	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 37	5270	54		20.00
		5310	62		20.00
802.11be HE40	52T 39	5270	54		20.00
		5310	62		20.00
802.11be HE40	52T 41	5270	54		20.00
		5310	62		20.00
802.11be HE40	52T 40	5270	54		20.00
		5310	62		20.00
802.11be HE40	52T 44	5270	54		20.00
		5310	62		20.00
802.11be HE40	106T 53	5270	54		22.00
		5310	62		22.00
802.11be HE40	106T 54	5270	54		21.00
		5310	62		22.00
802.11be HE40	106T 55	5270	54		22.00
		5310	62		21.00
802.11be HE40	106T 56	5270	54		21.00
		5310	62		21.00
802.11be HE40	242T 61	5270	54		20.00
		5310	62		21.00
802.11be HE40	242T 62	5270	54		21.00
		5310	62		21.00
802.11be HE40	484T 65	5270	54		20.00
		5310	62		20.00
802.11ax HE80	26T 0	5290	58		14.00
802.11ax HE80	26T 18	5290	58		14.00
802.11ax HE80	26T 36	5290	58		14.00
802.11ax HE80	52T 37	5290	58		20.00
802.11ax HE80	52T 45	5290	58		20.00
802.11ax HE80	52T 52	5290	58		20.00
802.11ax HE80	106T 53	5290	58		21.00
802.11ax HE80	106T 57	5290	58		21.00
802.11ax HE80	106T 60	5290	58		22.00
802.11ax HE80	242T 61	5290	58		19.00
802.11ax HE80	242T 63	5290	58		20.00
802.11ax HE80	242T 64	5290	58		20.00
802.11ax HE80	484T 65	5290	58		19.00
802.11ax HE80	484T 66	5290	58		19.00
802.11ax HE80	996T 67	5290	58		19.00
802.11be HE80	26T 0	5290	58		13.00
802.11be HE80	26T 18	5290	58		13.00
802.11be HE80	26T 4	5290	58		14.00
802.11be HE80	26T 36	5290	58		13.00
802.11be HE80	26T 8	5290	58		13.00
802.11be HE80	52T 37	5290	58		20.00
802.11be HE80	52T 39	5290	58		20.00
802.11be HE80	52T 45	5290	58		20.00
802.11be HE80	52T 40	5290	58		21.00
802.11be HE80	52T 52	5290	58		21.00
802.11be HE80	106T 53	5290	58		21.00
802.11be HE80	106T 54	5290	58		21.00
802.11be HE80	106T 57	5290	58		22.00
802.11be HE80	106T 60	5290	58		21.00
802.11be HE80	242T 61	5290	58		19.00
802.11be HE80	242T 63	5290	58		19.00
802.11be HE80	242T 64	5290	58		19.00
802.11be HE80	484T 65	5290	58		19.00
802.11be HE80	484T 66	5290	58		19.00
802.11be HE80	996T 67	5290	58		19.00

WLAN DSI6

WLAN5.6G Ant13

Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11n HT20	NA	5500	100	17.79	19.00
		5580	116	17.66	19.00
		5620	124	17.81	19.00
		5660	132	17.74	19.00
		5700	140	**17.88**	19.00
		5720	144	17.83	19.00
802.11ac VHT20	NA	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11n HT40	NA	5510	102		18.00
		5590	118		18.00
		5670	134		19.00
802.11ac VHT40	NA	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
802.11ac VHT80	NA	5530	106		17.00
		5610	122		17.00
802.11ac VHT160	NA	5570	114		16.00
802.11ax HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	26T 4	5500	100		9.00
		5580	116		9.00
		5700	140		10.00
802.11ax HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	52T 37	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	52T 39	5500	100		18.00
		5580	116		18.00
		5700	140		18.00
802.11ax HE20	52T 40	5500	100		18.00
		5580	116		18.00
		5700	140		18.00
802.11ax HE20	106T 53	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	106T 54	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	242T 61	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	26T 4	5500	100		9.00
		5580	116		9.00
		5700	140		10.00
802.11be HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	52T 37	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	52T 39	5500	100		18.00
		5580	116		18.00
		5700	140		18.00
802.11be HE20	52T 40	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	106T 53	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	106T 54	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	242T 61	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE40	26T 0	5510	102		10.00
		5670	134		10.00
802.11ax HE40	26T 10	5510	102		10.00
		5670	134		10.00
802.11ax HE40	26T 17	5510	102		10.00
		5670	134		10.00
802.11ax HE40	52T 37	5510	102		17.00
		5670	134		17.00
802.11ax HE40	52T 41	5510	102		17.00
		5670	134		17.00
802.11ax HE40	52T 44	5510	102		19.00
		5670	134		19.00
802.11ax HE40	106T 53	5510	102		19.00
		5670	134		19.00
802.11ax HE40	106T 55	5510	102		19.00
		5670	134		19.00
802.11ax HE40	106T 56	5510	102		19.00
		5670	134		19.00
802.11ax HE40	242T 61	5510	102		18.00
		5670	134		18.00
802.11ax HE40	242T 62	5510	102		18.00
		5670	134		18.00
802.11ax HE40	484T 65	5510	102		17.00
		5670	134		17.00
802.11be HE40	26T 0	5510	102		14.00
		5670	134		14.00
802.11be HE40	26T 10	5510	102		14.00
		5670	134		15.00
802.11be HE40	26T 4	5510	102		15.00
		5590	118		14.00
		5670	134		15.00
802.11be HE40	26T 17	5510	102		15.00
		5670	134		14.00
802.11be HE40	26T 8	5510	102		14.00
		5590	118		14.00
		5670	134		14.00
802.11be HE40	52T 37	5510	102		17.00
		5670	134		17.00
802.11be HE40	52T 39	5510	102		17.00
		5590	118		17.00
		5670	134		17.00
802.11be HE40	52T 41	5510	102		17.00
		5670	134		17.00
802.11be HE40	52T 40	5510	102		17.00
		5590	118		17.00
		5670	134		18.00
802.11be HE40	52T 44	5510	102		18.00
		5670	134		18.00
802.11be HE40	106T 53	5510	102		19.00
		5670	134		19.00
802.11be HE40	106T 54	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
802.11be HE40	106T 55	5510	102		19.00
		5670	134		19.00
802.11be HE40	106T 56	5510	102		19.00
		5670	134		19.00
802.11be HE40	242T 61	5510	102		18.00
		5670	134		18.00
802.11be HE40	242T 62	5510	102		18.00
		5670	134		18.00
802.11be HE40	484T 65	5510	102		17.00
		5670	134		17.00
802.11be HE40	484T 66	5510	102		17.00
		5670	134		17.00
802.11be HE80	26T 0	5530	106		14.00
		5610	122		14.00
802.11be HE80	26T 18	5530	106		14.00
		5610	122		14.00
802.11be HE80	26T 36	5530	106		14.00
		5610	122		14.00
802.11be HE80	52T 37	5530	106		17.00
		5610	122		17.00
802.11be HE80	52T 45	5530	106		18.00
		5610	122		18.00
802.11be HE80	52T 52	5530	106		18.00
		5610	122		18.00
802.11be HE80	106T 53	5530	106		19.00
		5610	122		19.00
802.11be HE80	106T 57	5530	106		19.00
		5610	122		19.00
802.11be HE80	106T 60	5530	106		19.00
		5610	122		19.00
802.11be HE80	242T 61	5530	106		17.00
		5610	122		17.00
802.11be HE80	242T 63	5530	106		17.00
		5610	122		17.00
802.11be HE80	242T 64	5530	106		17.00
		5610	122		17.00
802.11be HE80	484T 65	5530	106		17.00
		5610	122		17.00
802.11be HE80	484T 66	5530	106		17.00
		5610	122		17.00
802.11be HE80	996T 67	5530	106		17.00
		5610	122		17.00
802.11be HE160	26T L	5570	114		13.00
802.11be HE160	26T H	5570	114		14.00
802.11be HE160	52T L	5570	114		17.00
802.11be HE160	52T H	5570	114		17.00
802.11be HE160	106T H	5570	114		18.00
802.11be HE160	106T H	5570	114		18.00
802.11be HE160	242T L	5570	114		15.00
802.11be HE160	242T H	5570	114		15.00
802.11be HE160	484T L	5570	114		15.00
802.11be HE160	484T H	5570	114		15.00
802.11be HE160	996T L	5570	114		15.00
802.11be HE160	996T H	5570	114		15.00
802.11be HE160	1992T LH	5570	114		15.00
802.11be HE160	484+996	5570	114		15.00
802.11be HE160	242+484+996	5570	114		15.00

WLAN5.6G Ant12

Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11n HT20	NA	5500	100	17.75	19.00
		5580	116	17.54	19.00
		5620	124	17.63	19.00
		5660	132	17.59	19.00
		5700	140	**17.82**	19.00
		5720	144	17.77	19.00
802.11ac VHT20	NA	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11n HT40	NA	5510	102		18.00
		5590	118		18.00
		5670	134		18.00
802.11ac VHT40	NA	5510	102		18.00
		5590	118		18.00
		5670	134		18.00
802.11ac VHT80	NA	5530	106		18.00
		5610	122		18.00
802.11ac VHT160	NA	5570	114		16.00
802.11ax HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	26T 4	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	52T 37	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	52T 39	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	52T 40	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	106T 53	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	106T 54	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	242T 61	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	26T 4	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	52T 37	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	52T 39	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	52T 40	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	106T 53	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	106T 54	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	242T 61	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE40	26T 0	5510	102		10.00
		5670	134		10.00
802.11ax HE40	26T 10	5510	102		10.00
		5670	134		11.00
802.11ax HE40	26T 17	5510	102		10.00
		5670	134		10.00
802.11ax HE40	52T 37	5510	102		18.00
		5670	134		18.00
802.11ax HE40	52T 41	5510	102		17.00
		5670	134		18.00
802.11ax HE40	52T 44	5510	102		19.00
		5670	134		19.00
802.11ax HE40	106T 53	5510	102		19.00
		5670	134		19.00
802.11ax HE40	106T 55	5510	102		19.00
		5670	134		19.00
802.11ax HE40	106T 56	5510	102		19.00
		5670	134		19.00
802.11ax HE40	242T 61	5510	102		18.00
		5670	134		18.00
802.11ax HE40	242T 62	5510	102		18.00
		5670	134		18.00
802.11ax HE40	484T 65	5510	102		17.00
		5670	134		17.00
802.11be HE40	26T 0	5510	102		15.00
		5670	134		15.00
802.11be HE40	26T 10	5510	102		15.00
		5670	134		15.00
802.11be HE40	26T 4	5510	102		15.00
		5590	118		14.00
		5670	134		15.00
802.11be HE40	26T 17	5510	102		15.00
		5670	134		14.00
802.11be HE40	26T 8	5510	102		14.00
		5590	118		15.00
		5670	134		14.00
802.11be HE40	52T 37	5510	102		17.00
		5670	134		17.00
802.11be HE40	52T 39	5510	102		17.00
		5590	118		17.00
		5670	134		17.00
802.11be HE40	52T 41	5510	102		17.00
		5670	134		17.00
802.11be HE40	52T 40	5510	102		17.00
		5590	118		17.00
		5670	134		18.00
802.11be HE40	52T 44	5510	102		18.00
		5670	134		18.00
802.11be HE40	106T 53	5510	102		19.00
		5670	134		19.00
802.11be HE40	106T 54	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
802.11be HE40	106T 55	5510	102		19.00
		5670	134		19.00
802.11be HE40	106T 56	5510	102		19.00
		5670	134		19.00
802.11be HE40	242T 61	5510	102		18.00
		5670	134		18.00
802.11be HE40	242T 62	5510	102		18.00
		5670	134		18.00
802.11be HE40	484T 65	5510	102		17.00
		5670	134		17.00
802.11be HE40	484T 66	5510	102		17.00
		5670	134		17.00
802.11be HE80	26T 0	5530	106		15.00
		5610	122		15.00
802.11be HE80	26T 18	5530	106		15.00
		5610	122		15.00
802.11be HE80	26T 36	5530	106		15.00
		5610	122		15.00
802.11be HE80	52T 37	5530	106		18.00
		5610	122		18.00
802.11be HE80	52T 45	5530	106		18.00
		5610	122		18.00
802.11be HE80	52T 52	5530	106		18.00
		5610	122		18.00
802.11be HE80	106T 53	5530	106		19.00
		5610	122		19.00
802.11be HE80	106T 57	5530	106		19.00
		5610	122		19.00
802.11be HE80	106T 60	5530	106		19.00
		5610	122		19.00
802.11be HE80	242T 61	5530	106		17.00
		5610	122		17.00
802.11be HE80	242T 63	5530	106		17.00
		5610	122		17.00
802.11be HE80	242T 64	5530	106		17.00
		5610	122		17.00
802.11be HE80	484T 65	5530	106		17.00
		5610	122		17.00
802.11be HE80	484T 66	5530	106		17.00
		5610	122		17.00
802.11be HE80	996T 67	5530	106		17.00
		5610	122		17.00
802.11be HE160	26T L	5570	114		14.00
802.11be HE160	26T H	5570	114		14.00
802.11be HE160	52T L	5570	114		17.00
802.11be HE160	52T H	5570	114		17.00
802.11be HE160	106T H	5570	114		18.00
802.11be HE160	106T H	5570	114		18.00
802.11be HE160	242T L	5570	114		15.00
802.11be HE160	242T H	5570	114		15.00
802.11be HE160	484T L	5570	114		15.00
802.11be HE160	484T H	5570	114		15.00
802.11be HE160	996T L	5570	114		15.00
802.11be HE160	996T H	5570	114		15.00
802.11be HE160	1992T LH	5570	114		15.00
802.11be HE160	484+996	5570	114		15.00
802.11be HE160	242+484+996	5570	114		15.00

WLAN5.6G MIMO

Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		/
		5580	116		/
		5700	140		/
802.11n HT20	NA	5500	100	20.78	22.00
		5580	116	20.71	22.00
		5620	124	20.75	22.00
		5660	132	20.68	22.00
		5700	140	**20.86**	22.00
		5720	144	20.81	22.00
802.11ac VHT20	NA	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
802.11n HT40	NA	5510	102		21.00
		5590	118		21.00
		5670	134		22.00
802.11ac VHT40	NA	5510	102		21.00
		5590	118		22.00
		5670	134		22.00
802.11ac VHT80	NA	5530	106		20.00
		5610	122		20.00
802.11ac VHT160	NA	5570	114		19.00
802.11ax HE20	26T 0	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11ax HE20	26T 4	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11ax HE20	26T 8	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11ax HE20	52T 37	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
802.11ax HE20	52T 39	5500	100		21.00
		5580	116		21.00
		5700	140		21.00
802.11ax HE20	52T 40	5500	100		21.00
		5580	116		21.00
		5700	140		21.00
802.11ax HE20	106T 53	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
802.11ax HE20	106T 54	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
802.11ax HE20	242T 61	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
802.11be HE20	26T 0	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11be HE20	26T 4	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11be HE20	26T 8	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11be HE20	52T 37	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
802.11be HE20	52T 39	5500	100		21.00
		5580	116		22.00
		5700	140		22.00
802.11be HE20	52T 40	5500	100		21.00
		5580	116		21.00
		5700	140		21.00
802.11be HE20	106T 53	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
802.11be HE20	106T 54	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
802.11be HE20	242T 61	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
802.11ax HE40	26T 0	5510	102		13.00
		5670	134		13.00
802.11ax HE40	26T 10	5510	102		13.00
		5670	134		13.00
802.11ax HE40	26T 17	5510	102		13.00
		5670	134		13.00
802.11ax HE40	52T 37	5510	102		20.00
		5670	134		21.00
802.11ax HE40	52T 41	5510	102		20.00
		5670	134		20.00
802.11ax HE40	52T 44	5510	102		22.00
		5670	134		22.00
802.11ax HE40	106T 53	5510	102		22.00
		5670	134		22.00
802.11ax HE40	106T 55	5510	102		22.00
		5670	134		22.00
802.11ax HE40	106T 56	5510	102		22.00
		5670	134		22.00
802.11ax HE40	242T 61	5510	102		21.00
		5670	134		21.00
802.11ax HE40	242T 62	5510	102		21.00
		5670	134		21.00
802.11ax HE40	484T 65	5510	102		20.00
		5670	134		20.00
802.11be HE40	26T 0	5510	102		18.00
		5670	134		18.00
802.11be HE40	26T 10	5510	102		18.00
		5670	134		18.00
802.11be HE40	26T 4	5510	102		18.00
		5590	118		17.00
		5670	134		18.00
802.11be HE40	26T 17	5510	102		18.00
		5670	134		17.00
802.11be HE40	26T 8	5510	102		17.00
		5590	118		17.00
		5670	134		17.00
802.11be HE40	52T 37	5510	102		20.00
		5670	134		20.00
802.11be HE40	52T 39	5510	102		20.00
		5590	118		20.00
		5670	134		20.00
802.11be HE40	52T 41	5510	102		20.00
		5670	134		20.00
802.11be HE40	52T 40	5510	102		20.00
		5590	118		20.00
		5670	134		21.00
802.11be HE40	52T 44	5510	102		21.00
		5670	134		21.00
802.11be HE40	106T 53	5510	102		22.00
		5670	134		22.00
802.11be HE40	106T 54	5510	102		22.00
		5590	118		22.00
		5670	134		22.00
802.11be HE40	106T 55	5510	102		22.00
		5670	134		22.00
802.11be HE40	106T 56	5510	102		22.00
		5670	134		22.00
802.11be HE40	242T 61	5510	102		21.00
		5670	134		21.00
802.11be HE40	242T 62	5510	102		21.00
		5670	134		21.00
802.11be HE40	484T 65	5510	102		20.00
		5670	134		20.00
802.11be HE80	26T 0	5530	106		17.00
		5610	122		17.00
802.11be HE80	26T 18	5530	106		17.00
		5610	122		17.00
802.11be HE80	26T 36	5530	106		17.00
		5610	122		18.00
802.11be HE80	52T 37	5530	106		21.00
		5610	122		20.00
802.11be HE80	52T 45	5530	106		21.00
		5610	122		21.00
802.11be HE80	52T 52	5530	106		21.00
		5610	122		21.00
802.11be HE80	106T 53	5530	106		22.00
		5610	122		22.00
802.11be HE80	106T 57	5530	106		22.00
		5610	122		22.00
802.11be HE80	106T 60	5530	106		22.00
		5610	122		22.00
802.11be HE80	242T 61	5530	106		20.00
		5610	122		20.00
802.11be HE80	242T 63	5530	106		20.00
		5610	122		20.00
802.11be HE80	242T 64	5530	106		20.00
		5610	122		20.00
802.11be HE80	484T 65	5530	106		20.00
		5610	122		20.00
802.11be HE80	484T 66	5530	106		20.00
		5610	122		20.00
802.11be HE80	996T 67	5530	106		20.00
		5610	122		20.00
802.11be HE160	26T L	5570	114		16.00
802.11be HE160	26T H	5570	114		17.00
802.11be HE160	52T L	5570	114		20.00
802.11be HE160	52T H	5570	114		20.00
802.11be HE160	106T L	5570	114		21.00
802.11be HE160	106T H	5570	114		21.00
802.11be HE160	242T L	5570	114		18.00
802.11be HE160	242T H	5570	114		18.00
802.11be HE160	484T L	5570	114		18.00
802.11be HE160	484T H	5570	114		18.00
802.11be HE160	996T L	5570	114		18.00
802.11be HE160	996T H	5570	114		18.00
802.11be HE160	1992T LH	5570	114		18.00
802.11be HE160	484+996	5570	114		18.00
802.11be HE160	242+484+996	5570	114		18.00

WLAN DSI6

WLAN5.8G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		19.00
	NA	5785	157		20.00
	NA	5825	165		20.00
802.11n HT20	NA	5745	149		20.00
	NA	5785	157		20.00
	NA	5825	165		20.00
802.11ac VHT20	NA	5745	149		19.00
	NA	5785	157		19.00
	NA	5825	165		19.00
802.11n HT40	NA	5755	151		18.00
	NA	5795	159		18.00
802.11ac VHT40	NA	5755	151		18.00
	NA	5795	159		18.00
802.11ac VHT80	NA	5775	155		18.00
802.11ax HE20	26T 0	5745	149		20.00
	26T 0	5785	157		20.00
	26T 0	5825	165		19.00
802.11ax HE20	26T 4	5745	149		19.00
	26T 4	5785	157		19.00
	26T 4	5825	165		19.00
802.11ax HE20	26T 8	5745	149		19.00
	26T 8	5785	157		19.00
	26T 8	5825	165		19.00
802.11ax HE20	52T 37	5745	149		20.00
	52T 37	5785	157		20.00
	52T 37	5825	165		18.00
802.11ax HE20	52T 39	5745	149		19.00
	52T 39	5785	157		20.00
	52T 39	5825	165		19.00
802.11ax HE20	52T 40	5745	149		19.00
	52T 40	5785	157		19.00
	52T 40	5825	165		18.00
802.11ax HE20	106T 53	5745	149		20.00
	106T 53	5785	157		20.00
	106T 53	5825	165		20.00
802.11ax HE20	106T 54	5745	149		19.00
	106T 54	5785	157		19.00
	106T 54	5825	165		19.00
802.11ax HE20	242T 61	5745	149		19.00
	242T 61	5785	157		19.00
	242T 61	5825	165		20.00
802.11be HE20	26T 0	5745	149		19.00
	26T 0	5785	157		19.00
	26T 0	5825	165		19.00
802.11be HE20	26T 4	5745	149		18.00
	26T 4	5785	157		18.00
	26T 4	5825	165		19.00
802.11be HE20	26T 8	5745	149		18.00
	26T 8	5785	157		19.00
	26T 8	5825	165		19.00
802.11be HE20	52T 37	5745	149		19.00
	52T 37	5785	157		19.00
	52T 37	5825	165		19.00
802.11be HE20	52T 39	5745	149		19.00
	52T 39	5785	157		19.00
	52T 39	5825	165		19.00
802.11be HE20	52T 40	5745	149		18.00
	52T 40	5785	157		18.00
	52T 40	5825	165		18.00
802.11be HE20	106T 53	5745	149	18.92	20.00
	106T 53	5785	157	**18.95**	20.00
	106T 53	5825	165	18.79	20.00
802.11be HE20	106T 54	5745	149		19.00
	106T 54	5785	157		19.00
	106T 54	5825	165		19.00
802.11be HE20	242T 61	5745	149		20.00
	242T 61	5785	157		20.00
	242T 61	5825	165		20.00
802.11ax HE40	26T 0	5755	151		18.00
	26T 0	5795	159		18.00
802.11ax HE40	26T 10	5755	151		18.00
	26T 10	5795	159		18.00
802.11ax HE40	26T 17	5755	151		18.00
	26T 17	5795	159		18.00
802.11ax HE40	52T 37	5755	151		18.00
	52T 37	5795	159		18.00
802.11ax HE40	52T 41	5755	151		18.00
	52T 41	5795	159		18.00
802.11ax HE40	52T 44	5755	151		18.00
	52T 44	5795	159		18.00
802.11ax HE40	106T 53	5755	151		19.00
	106T 53	5795	159		19.00
802.11ax HE40	106T 55	5755	151		19.00
	106T 55	5795	159		19.00
802.11ax HE40	106T 56	5755	151		19.00
	106T 56	5795	159		19.00
802.11ax HE40	242T 61	5755	151		18.00
	242T 61	5795	159		18.00
802.11ax HE40	242T 62	5755	151		18.00
	242T 62	5795	159		18.00
802.11ax HE40	484T 65	5755	151		17.00
	484T 65	5795	159		17.00
802.11be HE40	26T 0	5755	151		18.00
	26T 0	5795	159		18.00
802.11be HE40	26T 10	5755	151		18.00
	26T 10	5795	159		18.00
802.11be HE40	26T 4	5755	151		18.00
	26T 4	5795	159		17.00
802.11be HE40	26T 17	5755	151		18.00
	26T 17	5795	159		18.00
802.11be HE40	26T 8	5755	151		17.00
	26T 8	5795	159		17.00
802.11be HE40	52T 37	5755	151		17.00
	52T 37	5795	159		17.00
802.11be HE40	52T 39	5755	151		17.00
	52T 39	5795	159		17.00
802.11be HE40	52T 41	5755	151		17.00
	52T 41	5795	159		18.00
802.11be HE40	52T 40	5755	151		18.00
	52T 40	5795	159		17.00
802.11be HE40	52T 44	5755	151		17.00
	52T 44	5795	159		17.00
802.11be HE40	106T 53	5755	151		19.00
	106T 53	5795	159		19.00
802.11be HE40	106T 54	5755	151		19.00
	106T 54	5795	159		19.00
802.11be HE40	106T 55	5755	151		20.00
	106T 55	5795	159		19.00
802.11be HE40	106T 56	5755	151		20.00
	106T 56	5795	159		20.00
802.11be HE40	242T 61	5755	151		18.00
	242T 61	5795	159		18.00
802.11be HE40	242T 62	5755	151		18.00
	242T 62	5795	159		18.00
802.11be HE40	484T 65	5755	151		17.00
	484T 65	5795	159		17.00
802.11ax HE80	26T 0	5775	155		17.00
802.11ax HE80	26T 18	5775	155		17.00
802.11ax HE80	26T 36	5775	155		18.00
802.11ax HE80	52T 37	5775	155		17.00
802.11ax HE80	52T 45	5775	155		17.00
802.11ax HE80	52T 52	5775	155		19.00
802.11ax HE80	106T 53	5775	155		19.00
802.11ax HE80	106T 57	5775	155		19.00
802.11ax HE80	106T 60	5775	155		20.00
802.11ax HE80	242T 61	5775	155		17.00
802.11ax HE80	242T 63	5775	155		17.00
802.11ax HE80	242T 64	5775	155		17.00
802.11ax HE80	484T 65	5775	155		17.00
802.11ax HE80	484T 66	5775	155		17.00
802.11ax HE80	996T 67	5775	155		17.00
802.11be HE80	26T 0	5775	155		18.00
802.11be HE80	26T 18	5775	155		18.00
802.11be HE80	26T 4	5775	155		18.00
802.11be HE80	26T 36	5775	155		18.00
802.11be HE80	26T 8	5775	155		18.00
802.11be HE80	52T 37	5775	155		18.00
802.11be HE80	52T 39	5775	155		18.00
802.11be HE80	52T 45	5775	155		18.00
802.11be HE80	52T 40	5775	155		18.00
802.11be HE80	52T 52	5775	155		18.00
802.11be HE80	106T 53	5775	155		19.00
802.11be HE80	106T 54	5775	155		19.00
802.11be HE80	106T 57	5775	155		20.00
802.11be HE80	106T 60	5775	155		19.00
802.11be HE80	242T 61	5775	155		17.00
802.11be HE80	242T 63	5775	155		17.00
802.11be HE80	242T 64	5775	155		17.00
802.11be HE80	484T 65	5775	155		17.00
802.11be HE80	484T 66	5775	155		17.00
802.11be HE80	996T 67	5775	155		17.00

WLAN5.8G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		19.00
	NA	5785	157		19.00
	NA	5825	165		19.00
802.11n HT20	NA	5745	149		20.00
	NA	5785	157		19.00
	NA	5825	165		19.00
802.11ac VHT20	NA	5745	149		19.00
	NA	5785	157		19.00
	NA	5825	165		19.00
802.11n HT40	NA	5755	151		18.00
	NA	5795	159		18.00
802.11ac VHT40	NA	5755	151		18.00
	NA	5795	159		18.00
802.11ac VHT80	NA	5775	155		17.00
802.11ax HE20	26T 0	5745	149		20.00
	26T 0	5785	157		20.00
	26T 0	5825	165		18.00
802.11ax HE20	26T 4	5745	149		19.00
	26T 4	5785	157		19.00
	26T 4	5825	165		20.00
802.11ax HE20	26T 8	5745	149		20.00
	26T 8	5785	157		20.00
	26T 8	5825	165		19.00
802.11ax HE20	52T 37	5745	149		19.00
	52T 37	5785	157		20.00
	52T 37	5825	165		19.00
802.11ax HE20	52T 39	5745	149		19.00
	52T 39	5785	157		19.00
	52T 39	5825	165		19.00
802.11ax HE20	52T 40	5745	149		19.00
	52T 40	5785	157		19.00
	52T 40	5825	165		19.00
802.11ax HE20	106T 53	5745	149		19.00
	106T 53	5785	157		19.00
	106T 53	5825	165		19.00
802.11ax HE20	106T 54	5745	149		19.00
	106T 54	5785	157		19.00
	106T 54	5825	165		19.00
802.11ax HE20	242T 61	5745	149		19.00
	242T 61	5785	157		19.00
	242T 61	5825	165		19.00
802.11be HE20	26T 0	5745	149		19.00
	26T 0	5785	157		19.00
	26T 0	5825	165		19.00
802.11be HE20	26T 4	5745	149		18.00
	26T 4	5785	157		19.00
	26T 4	5825	165		19.00
802.11be HE20	26T 8	5745	149		19.00
	26T 8	5785	157		19.00
	26T 8	5825	165		19.00
802.11be HE20	52T 37	5745	149		19.00
	52T 37	5785	157		19.00
	52T 37	5825	165		19.00
802.11be HE20	52T 39	5745	149		18.00
	52T 39	5785	157		18.00
	52T 39	5825	165		18.00
802.11be HE20	52T 40	5745	149		19.00
	52T 40	5785	157		19.00
	52T 40	5825	165		19.00
802.11be HE20	106T 53	5745	149	18.31	19.00
	106T 53	5785	157	**18.40**	19.00
	106T 53	5825	165	17.86	19.00
802.11be HE20	106T 54	5745	149		19.00
	106T 54	5785	157		19.00
	106T 54	5825	165		19.00
802.11be HE20	242T 61	5745	149		19.00
	242T 61	5785	157		19.00
	242T 61	5825	165		19.00
802.11ax HE40	26T 0	5755	151		18.00
	26T 0	5795	159		18.00
802.11ax HE40	26T 10	5755	151		18.00
	26T 10	5795	159		18.00
802.11ax HE40	26T 17	5755	151		18.00
	26T 17	5795	159		18.00
802.11ax HE40	52T 37	5755	151		18.00
	52T 37	5795	159		18.00
802.11ax HE40	52T 41	5755	151		18.00
	52T 41	5795	159		18.00
802.11ax HE40	52T 44	5755	151		18.00
	52T 44	5795	159		18.00
802.11ax HE40	106T 53	5755	151		19.00
	106T 53	5795	159		19.00
802.11ax HE40	106T 55	5755	151		19.00
	106T 55	5795	159		19.00
802.11ax HE40	106T 56	5755	151		19.00
	106T 56	5795	159		19.00
802.11ax HE40	242T 61	5755	151		18.00
	242T 61	5795	159		18.00
802.11ax HE40	242T 62	5755	151		18.00
	242T 62	5795	159		18.00
802.11ax HE40	484T 65	5755	151		17.00
	484T 65	5795	159		17.00
802.11be HE40	26T 0	5755	151		18.00
	26T 0	5795	159		18.00
802.11be HE40	26T 10	5755	151		18.00
	26T 10	5795	159		18.00
802.11be HE40	26T 4	5755	151		18.00
	26T 4	5795	159		18.00
802.11be HE40	26T 17	5755	151		18.00
	26T 17	5795	159		18.00
802.11be HE40	26T 8	5755	151		17.00
	26T 8	5795	159		17.00
802.11be HE40	52T 37	5755	151		17.00
	52T 37	5795	159		17.00
802.11be HE40	52T 39	5755	151		17.00
	52T 39	5795	159		17.00
802.11be HE40	52T 41	5755	151		17.00
	52T 41	5795	159		18.00
802.11be HE40	52T 40	5755	151		17.00
	52T 40	5795	159		17.00
802.11be HE40	52T 44	5755	151		17.00
	52T 44	5795	159		17.00
802.11be HE40	106T 53	5755	151		19.00
	106T 53	5795	159		19.00
802.11be HE40	106T 54	5755	151		19.00
	106T 54	5795	159		19.00
802.11be HE40	106T 55	5755	151		19.00
	106T 55	5795	159		19.00
802.11be HE40	106T 56	5755	151		19.00
	106T 56	5795	159		19.00
802.11be HE40	242T 61	5755	151		18.00
	242T 61	5795	159		18.00
802.11be HE40	242T 62	5755	151		18.00
	242T 62	5795	159		18.00
802.11be HE40	484T 65	5755	151		17.00
	484T 65	5795	159		17.00
802.11ax HE80	26T 0	5775	155		18.00
802.11ax HE80	26T 18	5775	155		18.00
802.11ax HE80	26T 36	5775	155		19.00
802.11ax HE80	52T 37	5775	155		18.00
802.11ax HE80	52T 45	5775	155		18.00
802.11ax HE80	52T 52	5775	155		19.00
802.11ax HE80	106T 53	5775	155		19.00
802.11ax HE80	106T 57	5775	155		19.00
802.11ax HE80	106T 60	5775	155		19.00
802.11ax HE80	242T 61	5775	155		17.00
802.11ax HE80	242T 63	5775	155		17.00
802.11ax HE80	242T 64	5775	155		17.00
802.11ax HE80	484T 65	5775	155		17.00
802.11ax HE80	484T 66	5775	155		17.00
802.11ax HE80	996T 67	5775	155		17.00
802.11be HE80	26T 0	5775	155		18.00
802.11be HE80	26T 18	5775	155		18.00
802.11be HE80	26T 4	5775	155		18.00
802.11be HE80	26T 36	5775	155		18.00
802.11be HE80	26T 8	5775	155		18.00
802.11be HE80	52T 37	5775	155		18.00
802.11be HE80	52T 39	5775	155		18.00
802.11be HE80	52T 45	5775	155		18.00
802.11be HE80	52T 40	5775	155		18.00
802.11be HE80	52T 52	5775	155		18.00
802.11be HE80	106T 53	5775	155		19.00
802.11be HE80	106T 54	5775	155		19.00
802.11be HE80	106T 57	5775	155		19.00
802.11be HE80	106T 60	5775	155		19.00
802.11be HE80	242T 61	5775	155		17.00
802.11be HE80	242T 63	5775	155		17.00
802.11be HE80	242T 64	5775	155		17.00
802.11be HE80	484T 65	5775	155		17.00
802.11be HE80	484T 66	5775	155		17.00
802.11be HE80	996T 67	5775	155		17.00

WLAN5.8G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		/
	NA	5785	157		/
	NA	5825	165		/
802.11n HT20	NA	5745	149		23.00
	NA	5785	157		23.00
	NA	5825	165		23.00
802.11ac VHT20	NA	5745	149		22.00
	NA	5785	157		22.00
	NA	5825	165		22.00
802.11n HT40	NA	5755	151		21.00
	NA	5795	159		21.00
802.11ac VHT40	NA	5755	151		21.00
	NA	5795	159		21.00
802.11ac VHT80	NA	5775	155		20.00
802.11ax HE20	26T 0	5745	149		23.00
	26T 0	5785	157		23.00
	26T 0	5825	165		21.00
802.11ax HE20	26T 4	5745	149		22.00
	26T 4	5785	157		22.00
	26T 4	5825	165		22.00
802.11ax HE20	26T 8	5745	149		23.00
	26T 8	5785	157		22.00
	26T 8	5825	165		22.00
802.11ax HE20	52T 37	5745	149		23.00
	52T 37	5785	157		23.00
	52T 37	5825	165		22.00
802.11ax HE20	52T 39	5745	149		22.00
	52T 39	5785	157		22.00
	52T 39	5825	165		22.00
802.11ax HE20	52T 40	5745	149		22.00
	52T 40	5785	157		22.00
	52T 40	5825	165		21.00
802.11ax HE20	106T 53	5745	149		22.00
	106T 53	5785	157		22.00
	106T 53	5825	165		22.00
802.11ax HE20	106T 54	5745	149		22.00
	106T 54	5785	157		22.00
	106T 54	5825	165		22.00
802.11ax HE20	242T 61	5745	149		22.00
	242T 61	5785	157		22.00
	242T 61	5825	165		22.00
802.11be HE20	26T 0	5745	149		22.00
	26T 0	5785	157		22.00
	26T 0	5825	165		22.00
802.11be HE20	26T 4	5745	149		21.00
	26T 4	5785	157		22.00
	26T 4	5825	165		22.00
802.11be HE20	26T 8	5745	149		22.00
	26T 8	5785	157		22.00
	26T 8	5825	165		22.00
802.11be HE20	52T 37	5745	149		22.00
	52T 37	5785	157		22.00
	52T 37	5825	165		22.00
802.11be HE20	52T 39	5745	149		22.00
	52T 39	5785	157		22.00
	52T 39	5825	165		22.00
802.11be HE20	52T 40	5745	149		21.00
	52T 40	5785	157		22.00
	52T 40	5825	165		22.00
802.11be HE20	106T 53	5745	149	21.64	23.00
	106T 53	5785	157	**21.69**	23.00
	106T 53	5825	165	21.36	22.00
802.11be HE20	106T 54	5745	149		22.00
	106T 54	5785	157		22.00
	106T 54	5825	165		22.00
802.11be HE20	242T 61	5745	149		23.00
	242T 61	5785	157		23.00
	242T 61	5825	165		22.00
802.11ax HE40	26T 0	5755	151		21.00
	26T 0	5795	159		21.00
802.11ax HE40	26T 10	5755	151		21.00
	26T 10	5795	159		21.00
802.11ax HE40	26T 17	5755	151		21.00
	26T 17	5795	159		21.00
802.11ax HE40	52T 37	5755	151		21.00
	52T 37	5795	159		21.00
802.11ax HE40	52T 41	5755	151		21.00
	52T 41	5795	159		21.00
802.11ax HE40	52T 44	5755	151		21.00
	52T 44	5795	159		21.00
802.11ax HE40	106T 53	5755	151		22.00
	106T 53	5795	159		22.00
802.11ax HE40	106T 55	5755	151		22.00
	106T 55	5795	159		22.00
802.11ax HE40	106T 56	5755	151		22.00
	106T 56	5795	159		22.00
802.11ax HE40	242T 61	5755	151		21.00
	242T 61	5795	159		21.00
802.11ax HE40	242T 62	5755	151		21.00
	242T 62	5795	159		21.00
802.11ax HE40	484T 65	5755	151		20.00
	484T 65	5795	159		20.00
802.11be HE40	26T 0	5755	151		21.00
	26T 0	5795	159		21.00
802.11be HE40	26T 10	5755	151		21.00
	26T 10	5795	159		21.00
802.11be HE40	26T 4	5755	151		21.00
	26T 4	5795	159		21.00
802.11be HE40	26T 17	5755	151		21.00
	26T 17	5795	159		21.00
802.11be HE40	26T 8	5755	151		20.00
	26T 8	5795	159		20.00
802.11be HE40	52T 37	5755	151		20.00
	52T 37	5795	159		20.00
802.11be HE40	52T 39	5755	151		20.00
	52T 39	5795	159		20.00
802.11be HE40	52T 41	5755	151		20.00
	52T 41	5795	159		21.00
802.11be HE40	52T 40	5755	151		20.00
	52T 40	5795	159		20.00
802.11be HE40	52T 44	5755	151		20.00
	52T 44	5795	159		20.00
802.11be HE40	106T 53	5755	151		22.00
	106T 53	5795	159		22.00
802.11be HE40	106T 54	5755	151		22.00
	106T 54	5795	159		22.00
802.11be HE40	106T 55	5755	151		22.00
	106T 55	5795	159		22.00
802.11be HE40	106T 56	5755	151		22.00
	106T 56	5795	159		22.00
802.11be HE40	242T 61	5755	151		21.00
	242T 61	5795	159		21.00
802.11be HE40	242T 62	5755	151		21.00
	242T 62	5795	159		21.00
802.11be HE40	484T 65	5755	151		20.00
	484T 65	5795	159		20.00
802.11ax HE80	26T 0	5775	155		21.00
802.11ax HE80	26T 18	5775	155		21.00
802.11ax HE80	26T 36	5775	155		21.00
802.11ax HE80	52T 37	5775	155		21.00
802.11ax HE80	52T 45	5775	155		21.00
802.11ax HE80	52T 52	5775	155		22.00
802.11ax HE80	106T 53	5775	155		22.00
802.11ax HE80	106T 57	5775	155		22.00
802.11ax HE80	106T 60	5775	155		22.00
802.11ax HE80	242T 61	5775	155		20.00
802.11ax HE80	242T 63	5775	155		20.00
802.11ax HE80	242T 64	5775	155		20.00
802.11ax HE80	484T 65	5775	155		20.00
802.11ax HE80	484T 66	5775	155		20.00
802.11ax HE80	996T 67	5775	155		20.00
802.11be HE80	26T 0	5775	155		21.00
802.11be HE80	26T 18	5775	155		21.00
802.11be HE80	26T 4	5775	155		21.00
802.11be HE80	26T 36	5775	155		21.00
802.11be HE80	26T 8	5775	155		21.00
802.11be HE80	52T 37	5775	155		21.00
802.11be HE80	52T 39	5775	155		21.00
802.11be HE80	52T 45	5775	155		21.00
802.11be HE80	52T 40	5775	155		21.00
802.11be HE80	52T 52	5775	155		21.00
802.11be HE80	106T 53	5775	155		22.00
802.11be HE80	106T 54	5775	155		22.00
802.11be HE80	106T 57	5775	155		22.00
802.11be HE80	106T 60	5775	155		22.00
802.11be HE80	242T 61	5775	155		20.00
802.11be HE80	242T 63	5775	155		20.00
802.11be HE80	242T 64	5775	155		20.00
802.11be HE80	484T 65	5775	155		20.00
802.11be HE80	484T 66	5775	155		20.00
802.11be HE80	996T 67	5775	155		20.00

WLAN/BT DSI7

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		8.00
		2440	19		9.00
		2480	39		8.00
	2M	2404	1		8.00
		2440	19		9.00
		2478	38		8.00
BR/EDR	GFSK	2402	0	**14.72**	16.00
		2441	39	14.31	15.00
		2480	78	13.44	14.00
	DQPSK	2402	0		13.00
		2441	39		13.00
		2480	78		11.00
	8DPSK	2402	0		13.00
		2441	39		13.00
		2480	78		12.00

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		8.00
		2440	19		9.00
		2480	39		8.00
	2M	2404	1		8.00
		2440	19		9.00
		2478	38		8.00
BR/EDR	GFSK	2402	0	**15.33**	16.00
		2441	39	15.01	16.00
		2480	78	14.89	16.00
	DQPSK	2402	0		14.00
		2441	39		14.00
		2480	78		13.00
	8DPSK	2402	0		13.00
		2441	39		13.00
		2480	78		13.00

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		/
		2440	19		/
		2480	39		/
	2M	2404	1		/
		2440	19		/
		2478	38		/
BR/EDR	GFSK	2402	0	**18.84**	20.00
		2441	39	18.81	20.00
		2480	78	18.05	19.00
	DQPSK	2402	0		18.00
		2441	39		17.00
		2480	78		16.00
	8DPSK	2402	0		18.00
		2441	39		17.00
		2480	78		17.00

WLAN2.4G Ant11					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11g	NA	2412	1		19.00
		2437	6		18.00
		2462	11		19.00
802.11n HT20	NA	2412	1		19.00
		2437	6		18.00
		2462	11		19.00
802.11n HT40	NA	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE20	26T+0	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	26T+4	2412	1		18.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	26T+8	2412	1		18.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	52T+37	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	52T+39	2412	1		18.00
		2437	6		17.00
		2462	11		18.00
802.11ax HE20	52T+40	2412	1		19.00
		2437	6		17.00
		2462	11		18.00
802.11ax HE20	106T+53	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11ax HE20	106T+54	2412	1	**17.99**	19.00
		2437	6	17.92	19.00
		2462	11	17.95	19.00
802.11ax HE20	242T+61	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11ax HE40	26T+0	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	26T+10	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	26T+17	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	52T+37	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	52T+41	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	52T+44	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	106T+53	2422	3		19.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	106T+55	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	106T+56	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	242T+61	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	242T+62	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	484T+65	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE20	26T+0	2412	1		17.00
		2437	6		18.00
		2462	11		17.00
802.11be HE20	26T+4	2412	1		18.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	26T+8	2412	1		18.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	52T+37	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	52T+39	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	52T+40	2412	1		19.00
		2437	6		18.00
		2462	11		18.00
802.11be HE20	106T+53	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	106T+54	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	242T+61	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	26+106	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11be HE40	26T+0	2422	3		18.00
		2437	6		19.00
		2452	9		18.00
802.11be HE40	26T+10	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	26T+17	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	52T+37	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	52T+41	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	52T+44	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	106T+53	2422	3		19.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	106T+55	2422	3		18.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	106T+56	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	242T+61	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	242T+62	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	484T+65	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	26+106	2422	3		18.00

WLAN2.4G Ant9					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11g	NA	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11n HT20	NA	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11n HT40	NA	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11ax HE20	26T+0	2412	1		17.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	26T+4	2412	1		18.00
		2437	6		18.00
		2462	11		17.00
802.11ax HE20	26T+8	2412	1		18.00
		2437	6		18.00
		2462	11		17.00
802.11ax HE20	52T+37	2412	1		18.00
		2437	6		17.00
		2462	11		17.00
802.11ax HE20	52T+39	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11ax HE20	52T+40	2412	1		19.00
		2437	6		18.00
		2462	11		17.00
802.11ax HE20	106T+53	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11ax HE20	106T+54	2412	1	**17.95**	19.00
		2437	6	17.85	19.00
		2462	11	17.83	19.00
802.11ax HE20	242T+61	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11ax HE40	26T+0	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	26T+10	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	26T+17	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	52T+37	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	52T+41	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	52T+44	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	106T+53	2422	3		19.00
		2437	6		19.00
		2452	9		18.00
802.11ax HE40	106T+55	2422	3		19.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	106T+56	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	242T+61	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	242T+62	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11ax HE40	484T+65	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE20	26T+0	2412	1		18.00
		2437	6		18.00
		2462	11		17.00
802.11be HE20	26T+4	2412	1		18.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	26T+8	2412	1		18.00
		2437	6		18.00
		2462	11		17.00
802.11be HE20	52T+37	2412	1		18.00
		2437	6		18.00
		2462	11		17.00
802.11be HE20	52T+39	2412	1		18.00
		2437	6		17.00
		2462	11		18.00
802.11be HE20	52T+40	2412	1		18.00
		2437	6		17.00
		2462	11		17.00
802.11be HE20	106T+53	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	106T+54	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	242T+61	2412	1		19.00
		2437	6		18.00
		2462	11		18.00
802.11be HE20	26+106	2412	1		18.00
		2437	6		18.00
		2462	11		18.00
802.11be HE40	26T+0	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	26T+10	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	26T+17	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	52T+37	2422	3		17.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	52T+41	2422	3		17.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	52T+44	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	106T+53	2422	3		19.00
		2437	6		19.00
		2452	9		17.00
802.11be HE40	106T+55	2422	3		19.00
		2437	6		19.00
		2452	9		18.00
802.11be HE40	106T+56	2422	3		19.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	242T+61	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	242T+62	2422	3		18.00
		2437	6		18.00
		2452	9		18.00
802.11be HE40	484T+65	2422	3		17.00
		2437	6		17.00
		2452	9		17.00
802.11be HE40	26+106	2422	3		18.00

WLAN2.4G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		/
		2437	6		/
		2462	11		/
802.11g	NA	2412	1		/
		2437	6		/
		2462	11		/
802.11n HT20	NA	2412	1		21.00
		2437	6		21.00
		2462	11		21.00
802.11n HT40	NA	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11ax HE20	26T+0	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	26T+4	2412	1		21.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	26T+8	2412	1		21.00
		2437	6		21.00
		2462	11		20.00
802.11ax HE20	52T+37	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	52T+39	2412	1		21.00
		2437	6		20.00
		2462	11		21.00
802.11ax HE20	52T+40	2412	1		22.00
		2437	6		20.00
		2462	11		20.00
802.11ax HE20	106T+53	2412	1		22.00
		2437	6		22.00
		2462	11		22.00
802.11ax HE20	106T+54	2412	1	**20.98**	22.00
		2437	6	20.90	22.00
		2462	11	20.90	22.00
802.11ax HE20	242T+61	2412	1		21.00
		2437	6		21.00
		2462	11		21.00
802.11ax HE40	26T+0	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	26T+10	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	26T+17	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	52T+37	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	52T+41	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	52T+44	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	106T+53	2422	3		22.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	106T+55	2422	3		22.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	106T+56	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	242T+61	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	242T+62	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11ax HE40	484T+65	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE20	26T+0	2412	1		20.00
		2437	6		21.00
		2462	11		20.00
802.11be HE20	26T+4	2412	1		21.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	26T+8	2412	1		21.00
		2437	6		21.00
		2462	11		20.00
802.11be HE20	52T+37	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	52T+39	2412	1		20.00
		2437	6		20.00
		2462	11		20.00
802.11be HE20	52T+40	2412	1		22.00
		2437	6		21.00
		2462	11		20.00
802.11be HE20	106T+53	2412	1		22.00
		2437	6		22.00
		2462	11		22.00
802.11be HE20	106T+54	2412	1		22.00
		2437	6		22.00
		2462	11		22.00
802.11be HE20	242T+61	2412	1		22.00
		2437	6		22.00
		2462	11		22.00
802.11be HE20	26+106	2412	1		21.00
		2437	6		21.00
		2462	11		21.00
802.11be HE40	26T+0	2422	3		21.00
		2437	6		22.00
		2452	9		21.00
802.11be HE40	26T+10	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11be HE40	26T+17	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11be HE40	52T+37	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11be HE40	52T+41	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11be HE40	52T+44	2422	3		21.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	106T+53	2422	3		22.00
		2437	6		21.00
		2452	9		21.00
802.11be HE40	106T+55	2422	3		21.00
		2437	6		22.00
		2452	9		21.00
802.11be HE40	106T+56	2422	3		22.00
		2437	6		21.00
		2452	9		22.00
802.11be HE40	242T+61	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11be HE40	242T+62	2422	3		21.00
		2437	6		21.00
		2452	9		21.00
802.11be HE40	484T+65	2422	3		20.00
		2437	6		20.00
		2452	9		20.00
802.11be HE40	26+106	2422	3		21.00

WLAN DSI7

WLAN5.2G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		20.00
		5220	44		20.00
		5240	48		19.00
802.11n HT20	NA	5180	36	18.58	20.00
		5200	40	**18.62**	20.00
		5220	44	17.96	19.00
		5240	48	17.72	19.00
802.11ac VHT20	NA	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11n HT40	NA	5190	38		18.00
		5230	46		18.00
802.11ac VHT40	NA	5190	38		18.00
		5230	46		18.00
802.11ac VHT80	NA	5210	42		18.00
802.11ac VHT160	NA	5250	50		16.00
802.11ax HE20	26T 0	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 4	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 8	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	52T 37	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	52T 39	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	52T 40	5180	36		18.00
		5220	44		18.00
		5240	48		19.00
802.11ax HE20	106T 53	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE20	106T 54	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE20	242T 61	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	26T 0	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 4	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 8	5180	36		10.00
		5220	44		11.00
		5240	48		11.00
802.11be HE20	52T 37	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	52T 39	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	52T 40	5180	36		18.00
		5220	44		18.00
		5240	48		19.00
802.11be HE20	106T 53	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	106T 54	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	242T 61	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE40	26T 0	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 10	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 17	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 37	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 41	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 44	5190	38		17.00
		5230	46		17.00
802.11ax HE40	106T 53	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 55	5190	38		18.00
		5230	46		18.00
802.11ax HE40	106T 56	5190	38		18.00
		5230	46		19.00
802.11ax HE40	242T 61	5190	38		18.00
		5230	46		18.00
802.11ax HE40	242T 62	5190	38		18.00
		5230	46		18.00
802.11ax HE40	484T 65	5190	38		17.00
		5230	46		17.00
802.11ax HE40	26T 0	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 10	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 4	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 17	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 8	5190	38		14.00
		5230	46		14.00
802.11ax HE40	52T 37	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 39	5190	38		17.00
		5230	46		18.00
802.11ax HE40	52T 41	5190	38		18.00
		5230	46		18.00
802.11ax HE40	52T 40	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 44	5190	38		17.00
		5230	46		17.00
802.11ax HE40	106T 53	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 54	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 55	5190	38		18.00
		5230	46		19.00
802.11ax HE40	106T 56	5190	38		19.00
		5230	46		19.00
802.11ax HE40	242T 61	5190	38		19.00
		5230	46		19.00
802.11ax HE40	242T 62	5190	38		18.00
		5230	46		18.00
802.11ax HE40	484T 65	5190	38		17.00
		5230	46		17.00
802.11ax HE80	26T 0	5210	42		14.00
802.11ax HE80	26T 18	5210	42		14.00
802.11ax HE80	26T 36	5210	42		14.00
802.11ax HE80	52T 37	5210	42		18.00
802.11ax HE80	52T 45	5210	42		18.00
802.11ax HE80	52T 52	5210	42		18.00
802.11ax HE80	106T 53	5210	42		19.00
802.11ax HE80	106T 57	5210	42		18.00
802.11ax HE80	106T 60	5210	42		18.00
802.11ax HE80	242T 61	5210	42		16.00
802.11ax HE80	242T 63	5210	42		16.00
802.11ax HE80	242T 64	5210	42		17.00
802.11ax HE80	484T 65	5210	42		17.00
802.11ax HE80	484T 66	5210	42		16.00
802.11ax HE80	996T 67	5210	42		16.00
802.11be HE80	26T 0	5210	42		9.00
802.11be HE80	26T 18	5210	42		9.00
802.11be HE80	26T 4	5210	42		10.00
802.11be HE80	26T 36	5210	42		10.00
802.11be HE80	26T 8	5210	42		9.00
802.11be HE80	52T 37	5210	42		18.00
802.11be HE80	52T 39	5210	42		18.00
802.11be HE80	52T 45	5210	42		18.00
802.11be HE80	52T 40	5210	42		17.00
802.11be HE80	52T 52	5210	42		18.00
802.11be HE80	106T 53	5210	42		19.00
802.11be HE80	106T 54	5210	42		18.00
802.11be HE80	106T 57	5210	42		19.00
802.11be HE80	106T 60	5210	42		19.00
802.11be HE80	242T 61	5210	42		16.00
802.11be HE80	242T 63	5210	42		17.00
802.11be HE80	242T 64	5210	42		17.00
802.11be HE80	484T 65	5210	42		17.00
802.11be HE80	484T 66	5210	42		16.00
802.11be HE80	996T 67	5210	42		16.00
802.11ax HE160	26T L	5250	50		14.00
802.11ax HE160	26T H	5250	50		14.00
802.11ax HE160	52T L	5250	50		14.00
802.11ax HE160	52T H	5250	50		14.00
802.11ax HE160	106T L	5250	50		18.00
802.11ax HE160	106T H	5250	50		18.00
802.11ax HE160	242T L	5250	50		15.00
802.11ax HE160	242T H	5250	50		15.00
802.11ax HE160	484T L	5250	50		15.00
802.11ax HE160	484T H	5250	50		15.00
802.11ax HE160	996T L	5250	50		15.00
802.11ax HE160	996T H	5250	50		15.00
802.11ax HE160	1992T LH	5250	50		15.00
802.11be HE160	26T L	5250	50		10.00
802.11be HE160	26T H	5250	50		10.00
802.11be HE160	52T L	5250	50		15.00
802.11be HE160	52T H	5250	50		14.00
802.11be HE160	106T L	5250	50		18.00
802.11be HE160	106T H	5250	50		18.00
802.11be HE160	242T L	5250	50		15.00
802.11be HE160	242T H	5250	50		15.00
802.11be HE160	484T L	5250	50		15.00
802.11be HE160	484T H	5250	50		15.00
802.11be HE160	996T L	5250	50		15.00
802.11be HE160	996T H	5250	50		15.00
802.11be HE160	1992T LH	5250	50		15.00
802.11be HE160	484+996	5250	50		15.00
802.11be HE160	242+484+996	5250	50		15.00

WLAN5.2G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		20.00
		5220	44		19.00
		5240	48		19.00
802.11n HT20	NA	5180	36	18.32	19.00
		5200	40	**18.45**	19.00
		5220	44	18.31	19.00
		5240	48	17.38	18.00
802.11ac VHT20	NA	5180	36		19.00
		5220	44		18.00
		5240	48		18.00
802.11n HT40	NA	5190	38		18.00
		5230	46		18.00
802.11ac VHT40	NA	5190	38		18.00
		5230	46		18.00
802.11ac VHT80	NA	5210	42		17.00
802.11ac VHT160	NA	5250	50		16.00
802.11ax HE20	26T 0	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 4	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 8	5180	36		15.00
		5220	44		16.00
		5240	48		15.00
802.11ax HE20	52T 37	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	52T 39	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	52T 40	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	106T 53	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE20	106T 54	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE20	242T 61	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	26T 0	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 4	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 8	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	52T 37	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	52T 39	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	52T 40	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11be HE20	106T 53	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	106T 54	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	242T 61	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE40	26T 0	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 10	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 17	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 37	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 41	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 44	5190	38		17.00
		5230	46		17.00
802.11ax HE40	106T 53	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 55	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 56	5190	38		18.00
		5230	46		18.00
802.11ax HE40	242T 61	5190	38		18.00
		5230	46		18.00
802.11ax HE40	242T 62	5190	38		18.00
		5230	46		18.00
802.11ax HE40	484T 65	5190	38		17.00
		5230	46		17.00
802.11ax HE40	26T 0	5230	46		15.00
802.11ax HE40	26T 10	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 4	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 17	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 8	5190	38		14.00
		5230	46		14.00
802.11ax HE40	52T 37	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 39	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 41	5190	38		18.00
		5230	46		18.00
802.11ax HE40	52T 40	5190	38		17.00
		5230	46		17.00
802.11ax HE40	52T 44	5190	38		17.00
		5230	46		17.00
802.11ax HE40	106T 53	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 54	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 55	5190	38		18.00
		5230	46		19.00
802.11ax HE40	106T 56	5190	38		19.00
		5230	46		19.00
802.11ax HE40	242T 61	5190	38		19.00
		5230	46		19.00
802.11ax HE40	242T 62	5190	38		18.00
		5230	46		18.00
802.11ax HE40	484T 65	5190	38		17.00
		5230	46		17.00
802.11ax HE80	26T 0	5210	42		14.00
802.11ax HE80	26T 18	5210	42		14.00
802.11ax HE80	26T 36	5210	42		14.00
802.11ax HE80	52T 37	5210	42		17.00
802.11ax HE80	52T 45	5210	42		17.00
802.11ax HE80	52T 52	5210	42		18.00
802.11ax HE80	106T 53	5210	42		18.00
802.11ax HE80	106T 57	5210	42		19.00
802.11ax HE80	106T 60	5210	42		19.00
802.11ax HE80	242T 61	5210	42		16.00
802.11ax HE80	242T 63	5210	42		17.00
802.11ax HE80	242T 64	5210	42		17.00
802.11ax HE80	484T 65	5210	42		17.00
802.11ax HE80	484T 66	5210	42		17.00
802.11ax HE80	996T 67	5210	42		16.00
802.11be HE80	26T 0	5210	42		9.00
802.11be HE80	26T 18	5210	42		10.00
802.11be HE80	26T 4	5210	42		9.00
802.11be HE80	26T 36	5210	42		10.00
802.11be HE80	26T 8	5210	42		10.00
802.11be HE80	52T 37	5210	42		17.00
802.11be HE80	52T 39	5210	42		17.00
802.11be HE80	52T 45	5210	42		18.00
802.11be HE80	52T 40	5210	42		18.00
802.11be HE80	52T 52	5210	42		18.00
802.11be HE80	106T 53	5210	42		19.00
802.11be HE80	106T 54	5210	42		19.00
802.11be HE80	106T 57	5210	42		19.00
802.11be HE80	106T 60	5210	42		19.00
802.11be HE80	242T 61	5210	42		16.00
802.11be HE80	242T 63	5210	42		17.00
802.11be HE80	242T 64	5210	42		17.00
802.11be HE80	484T 65	5210	42		17.00
802.11be HE80	484T 66	5210	42		17.00
802.11be HE80	996T 67	5210	42		17.00
802.11ax HE160	26T L	5250	50		14.00
802.11ax HE160	26T H	5250	50		14.00
802.11ax HE160	52T L	5250	50		14.00
802.11ax HE160	52T H	5250	50		14.00
802.11ax HE160	106T L	5250	50		18.00
802.11ax HE160	106T H	5250	50		18.00
802.11ax HE160	242T L	5250	50		15.00
802.11ax HE160	242T H	5250	50		15.00
802.11ax HE160	484T L	5250	50		15.00
802.11ax HE160	484T H	5250	50		15.00
802.11ax HE160	996T L	5250	50		15.00
802.11ax HE160	996T H	5250	50		15.00
802.11ax HE160	1992T LH	5250	50		15.00
802.11be HE160	26T L	5250	50		10.00
802.11be HE160	26T H	5250	50		10.00
802.11be HE160	52T L	5250	50		14.00
802.11be HE160	52T H	5250	50		14.00
802.11be HE160	106T L	5250	50		18.00
802.11be HE160	106T H	5250	50		18.00
802.11be HE160	242T L	5250	50		15.00
802.11be HE160	242T H	5250	50		15.00
802.11be HE160	484T L	5250	50		15.00
802.11be HE160	484T H	5250	50		15.00
802.11be HE160	996T L	5250	50		15.00
802.11be HE160	996T H	5250	50		15.00
802.11be HE160	1992T LH	5250	50		15.00
802.11be HE160	484+996	5250	50		15.00
802.11be HE160	242+484+996	5250	50		15.00

WLAN5.2G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		/
		5220	44		/
		5240	48		/
802.11n HT20	NA	5180	36	21.46	22.00
		5200	40	**21.55**	23.00
		5220	44	21.15	22.00
		5240	48	20.56	22.00
802.11ac VHT20	NA	5180	36		22.00
		5220	44		21.00
		5240	48		22.00
802.11n HT40	NA	5190	38		21.00
		5230	46		21.00
802.11ac VHT40	NA	5190	38		21.00
		5230	46		21.00
802.11ac VHT80	NA	5210	42		20.00
802.11ac VHT160	NA	5250	50		19.00
802.11ax HE20	26T 0	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	26T 4	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	26T 8	5180	36		19.00
		5220	44		19.00
		5240	48		18.00
802.11ax HE20	52T 37	5180	36		21.00
		5220	44		21.00
		5240	48		21.00
802.11ax HE20	52T 39	5180	36		21.00
		5220	44		21.00
		5240	48		21.00
802.11ax HE20	52T 40	5180	36		21.00
		5220	44		21.00
		5240	48		21.00
802.11ax HE20	106T 53	5180	36		22.00
		5220	44		22.00
		5240	48		22.00
802.11ax HE20	106T 54	5180	36		22.00
		5220	44		22.00
		5240	48		22.00
802.11ax HE20	242T 61	5180	36		22.00
		5220	44		22.00
		5240	48		22.00
802.11be HE20	26T 0	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	26T 4	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	26T 8	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	52T 37	5180	36		21.00
		5220	44		21.00
		5240	48		21.00
802.11be HE20	52T 39	5180	36		21.00
		5220	44		21.00
		5240	48		21.00
802.11be HE20	52T 40	5180	36		21.00
		5220	44		21.00
		5240	48		21.00
802.11be HE20	106T 53	5180	36		22.00
		5220	44		22.00
		5240	48		22.00
802.11be HE20	106T 54	5180	36		22.00
		5220	44		22.00
		5240	48		22.00
802.11be HE20	242T 61	5180	36		22.00
		5220	44		22.00
		5240	48		22.00
802.11ax HE40	26T 0	5190	38		18.00
		5230	46		18.00
802.11ax HE40	26T 10	5190	38		18.00
		5230	46		18.00
802.11ax HE40	26T 17	5190	38		18.00
		5230	46		18.00
802.11ax HE40	52T 37	5190	38		20.00
		5230	46		20.00
802.11ax HE40	52T 41	5190	38		20.00
		5230	46		20.00
802.11ax HE40	52T 44	5190	38		20.00
		5230	46		20.00
802.11ax HE40	106T 53	5190	38		22.00
		5230	46		22.00
802.11ax HE40	106T 55	5190	38		22.00
		5230	46		22.00
802.11ax HE40	106T 56	5190	38		21.00
		5230	46		22.00
802.11ax HE40	242T 61	5190	38		21.00
		5230	46		21.00
802.11ax HE40	242T 62	5190	38		21.00
		5230	46		21.00
802.11ax HE40	484T 65	5190	38		20.00
		5230	46		20.00
802.11ax HE80	26T 0	5210	42		17.00
802.11ax HE80	26T 18	5210	42		17.00
802.11ax HE80	26T 36	5210	42		17.00
802.11ax HE80	52T 37	5210	42		21.00
802.11ax HE80	52T 45	5210	42		21.00
802.11ax HE80	52T 52	5210	42		21.00
802.11ax HE80	106T 53	5210	42		22.00
802.11ax HE80	106T 57	5210	42		22.00
802.11ax HE80	106T 60	5210	42		22.00
802.11ax HE80	242T 61	5210	42		19.00
802.11ax HE80	242T 63	5210	42		19.00
802.11ax HE80	242T 64	5210	42		20.00
802.11ax HE80	484T 65	5210	42		20.00
802.11ax HE80	484T 66	5210	42		20.00
802.11ax HE80	996T 67	5210	42		19.00
802.11be HE80	26T 0	5210	42		12.00
802.11be HE80	26T 18	5210	42		13.00
802.11be HE80	26T 4	5210	42		13.00
802.11be HE80	26T 36	5210	42		13.00
802.11be HE80	26T 8	5210	42		12.00
802.11be HE80	52T 37	5210	42		21.00
802.11be HE80	52T 39	5210	42		21.00
802.11be HE80	52T 45	5210	42		21.00
802.11be HE80	52T 40	5210	42		21.00
802.11be HE80	52T 52	5210	42		21.00
802.11be HE80	106T 53	5210	42		22.00
802.11be HE80	106T 54	5210	42		22.00
802.11be HE80	106T 57	5210	42		22.00
802.11be HE80	106T 60	5210	42		22.00
802.11be HE80	242T 61	5210	42		19.00
802.11be HE80	242T 63	5210	42		20.00
802.11be HE80	242T 64	5210	42		20.00
802.11be HE80	484T 65	5210	42		20.00
802.11be HE80	484T 66	5210	42		20.00
802.11be HE80	996T 67	5210	42		20.00
802.11ax HE160	26T L	5250	50		17.00
802.11ax HE160	26T H	5250	50		17.00
802.11ax HE160	52T L	5250	50		17.00
802.11ax HE160	52T H	5250	50		17.00
802.11ax HE160	106T L	5250	50		21.00
802.11ax HE160	106T H	5250	50		21.00
802.11ax HE160	242T L	5250	50		18.00
802.11ax HE160	242T H	5250	50		18.00
802.11ax HE160	484T L	5250	50		18.00
802.11ax HE160	484T H	5250	50		18.00
802.11ax HE160	996T L	5250	50		18.00
802.11ax HE160	996T H	5250	50		18.00
802.11ax HE160	1992T LH	5250	50		18.00
802.11be HE160	26T L	5250	50		13.00
802.11be HE160	26T H	5250	50		13.00
802.11be HE160	52T L	5250	50		17.00
802.11be HE160	52T H	5250	50		17.00
802.11be HE160	106T L	5250	50		21.00
802.11be HE160	106T H	5250	50		21.00
802.11be HE160	242T L	5250	50		18.00
802.11be HE160	242T H	5250	50		19.00
802.11be HE160	484T L	5250	50		18.00
802.11be HE160	484T H	5250	50		18.00
802.11be HE160	996T L	5250	50		18.00
802.11be HE160	996T H	5250	50		18.00
802.11be HE160	1992T LH	5250	50		18.00
802.11be HE160

WLAN DSI7

WLAN5.3G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11n HT20	NA	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ac VHT20	NA	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11n HT40	NA	5270	54		16.00
		5310	62		16.00
802.11ac VHT40	NA	5270	54		16.00
		5310	62		16.00
802.11ac VHT80	NA	5290	58		16.00
802.11ax HE20	26T 0	5260	52		10.00
		5280	56		11.00
		5320	64		11.00
802.11ax HE20	26T 4	5260	52		10.00
		5280	56		10.00
		5320	64		11.00
802.11ax HE20	26T 8	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11ax HE20	52T 37	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE20	52T 39	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE20	52T 40	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE20	106T 53	5260	52	14.76	16.00
		5280	56	14.72	16.00
		5300	60	15.33	16.00
		5320	64	**15.41**	16.00
802.11ax HE20	106T 54	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE20	242T 61	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	26T 0	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 4	5260	52		10.00
		5280	56		10.00
		5320	64		11.00
802.11be HE20	26T 8	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	52T 37	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	52T 39	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	52T 40	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	106T 53	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	106T 54	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	242T 61	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE40	26T 0	5270	54		14.00
		5310	62		11.00
802.11ax HE40	26T 10	5270	54		15.00
		5310	62		11.00
802.11ax HE40	26T 17	5270	54		14.00
		5310	62		11.00
802.11ax HE40	52T 37	5270	54		16.00
		5310	62		16.00
802.11ax HE40	52T 41	5270	54		16.00
		5310	62		16.00
802.11ax HE40	52T 44	5270	54		16.00
		5310	62		16.00
802.11ax HE40	106T 53	5270	54		16.00
		5310	62		16.00
802.11ax HE40	106T 55	5270	54		16.00
		5310	62		16.00
802.11ax HE40	106T 56	5270	54		16.00
		5310	62		16.00
802.11ax HE40	242T 61	5270	54		16.00
		5310	62		16.00
802.11ax HE40	242T 62	5270	54		16.00
		5310	62		16.00
802.11ax HE40	484T 65	5270	54		16.00
		5310	62		16.00
802.11be HE40	26T 0	5270	54		14.00
		5310	62		11.00
802.11be HE40	26T 10	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 4	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 17	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 8	5270	54		14.00
		5310	62		14.00
802.11be HE40	52T 37	5270	54		16.00
		5310	62		16.00
802.11be HE40	52T 39	5270	54		16.00
		5310	62		16.00
802.11be HE40	52T 41	5270	54		16.00
		5310	62		16.00
802.11be HE40	52T 40	5270	54		16.00
		5310	62		16.00
802.11be HE40	52T 44	5270	54		16.00
		5310	62		16.00
802.11be HE40	106T 53	5270	54		16.00
		5310	62		16.00
802.11be HE40	106T 54	5270	54		16.00
		5310	62		16.00
802.11be HE40	106T 55	5270	54		16.00
		5310	62		16.00
802.11be HE40	106T 56	5270	54		16.00
		5310	62		16.00
802.11be HE40	242T 61	5270	54		16.00
		5310	62		16.00
802.11be HE40	242T 62	5270	54		16.00
		5310	62		16.00
802.11be HE40	484T 65	5270	54		16.00
		5310	62		16.00
802.11ax HE80	26T 0	5290	58		11.00
802.11ax HE80	26T 18	5290	58		11.00
802.11ax HE80	26T 36	5290	58		11.00
802.11ax HE80	52T 37	5290	58		16.00
802.11ax HE80	52T 45	5290	58		16.00
802.11ax HE80	52T 52	5290	58		16.00
802.11ax HE80	106T 53	5290	58		16.00
802.11ax HE80	106T 57	5290	58		16.00
802.11ax HE80	106T 60	5290	58		16.00
802.11ax HE80	242T 61	5290	58		16.00
802.11ax HE80	242T 63	5290	58		16.00
802.11ax HE80	242T 64	5290	58		16.00
802.11ax HE80	484T 65	5290	58		16.00
802.11ax HE80	484T 66	5290	58		16.00
802.11ax HE80	996T 67	5290	58		16.00
802.11be HE80	26T 0	5290	58		10.00
802.11be HE80	26T 18	5290	58		10.00
802.11be HE80	26T 4	5290	58		11.00
802.11be HE80	26T 36	5290	58		10.00
802.11be HE80	26T 8	5290	58		10.00
802.11be HE80	52T 37	5290	58		16.00
802.11be HE80	52T 39	5290	58		16.00
802.11be HE80	52T 45	5290	58		16.00
802.11be HE80	52T 40	5290	58		16.00
802.11be HE80	52T 52	5290	58		16.00
802.11be HE80	106T 53	5290	58		16.00
802.11be HE80	106T 54	5290	58		16.00
802.11be HE80	106T 57	5290	58		16.00
802.11be HE80	106T 60	5290	58		16.00
802.11be HE80	242T 61	5290	58		16.00
802.11be HE80	242T 63	5290	58		16.00
802.11be HE80	242T 64	5290	58		16.00
802.11be HE80	484T 65	5290	58		16.00
802.11be HE80	484T 66	5290	58		16.00
802.11be HE80	996T 67	5290	58		16.00

WLAN5.3G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11n HT20	NA	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ac VHT20	NA	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11n HT40	NA	5270	54		16.00
		5310	62		16.00
802.11ac VHT40	NA	5270	54		16.00
		5310	62		16.00
802.11ac VHT80	NA	5290	58		16.00
802.11ax HE20	26T 0	5260	52		10.00
		5280	56		10.00
		5320	64		10.00
802.11ax HE20	26T 4	5260	52		11.00
		5280	56		11.00
		5320	64		10.00
802.11ax HE20	26T 8	5260	52		10.00
		5280	56		11.00
		5320	64		10.00
802.11ax HE20	52T 37	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE20	52T 39	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE20	52T 40	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE20	106T 53	5260	52	14.97	16.00
		5280	56	14.89	16.00
		5300	60	15.29	16.00
		5320	64	**15.34**	16.00
802.11ax HE20	106T 54	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE20	242T 61	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	26T 0	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 4	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 8	5260	52		10.00
		5280	56		10.00
		5320	64		10.00
802.11be HE20	52T 37	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	52T 39	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	52T 40	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	106T 53	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	106T 54	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11be HE20	242T 61	5260	52		16.00
		5280	56		16.00
		5320	64		16.00
802.11ax HE40	26T 0	5270	54		15.00
		5310	62		10.00
802.11ax HE40	26T 10	5270	54		15.00
		5310	62		10.00
802.11ax HE40	26T 17	5270	54		14.00
		5310	62		11.00
802.11ax HE40	52T 37	5270	54		16.00
		5310	62		16.00
802.11ax HE40	52T 41	5270	54		16.00
		5310	62		16.00
802.11ax HE40	52T 44	5270	54		16.00
		5310	62		16.00
802.11ax HE40	106T 53	5270	54		16.00
		5310	62		16.00
802.11ax HE40	106T 55	5270	54		16.00
		5310	62		16.00
802.11ax HE40	106T 56	5270	54		16.00
		5310	62		16.00
802.11ax HE40	242T 61	5270	54		16.00
		5310	62		16.00
802.11ax HE40	242T 62	5270	54		16.00
		5310	62		16.00
802.11ax HE40	484T 65	5270	54		16.00
		5310	62		16.00
802.11be HE40	26T 0	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 10	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 4	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 17	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 8	5270	54		14.00
		5310	62		14.00
802.11be HE40	52T 37	5270	54		16.00
		5310	62		16.00
802.11be HE40	52T 39	5270	54		16.00
		5310	62		16.00
802.11be HE40	52T 41	5270	54		16.00
		5310	62		16.00
802.11be HE40	52T 40	5270	54		16.00
		5310	62		16.00
802.11be HE40	52T 44	5270	54		16.00
		5310	62		16.00
802.11be HE40	106T 53	5270	54		16.00
		5310	62		16.00
802.11be HE40	106T 54	5270	54		16.00
		5310	62		16.00
802.11be HE40	106T 55	5270	54		16.00
		5310	62		16.00
802.11be HE40	106T 56	5270	54		16.00
		5310	62		16.00
802.11be HE40	242T 61	5270	54		16.00
		5310	62		16.00
802.11be HE40	242T 62	5270	54		16.00
		5310	62		16.00
802.11be HE40	484T 65	5270	54		16.00
		5310	62		16.00
802.11ax HE80	26T 0	5290	58		11.00
802.11ax HE80	26T 18	5290	58		11.00
802.11ax HE80	26T 36	5290	58		11.00
802.11ax HE80	52T 37	5290	58		16.00
802.11ax HE80	52T 45	5290	58		16.00
802.11ax HE80	52T 52	5290	58		16.00
802.11ax HE80	106T 53	5290	58		16.00
802.11ax HE80	106T 57	5290	58		16.00
802.11ax HE80	106T 60	5290	58		16.00
802.11ax HE80	242T 61	5290	58		16.00
802.11ax HE80	242T 63	5290	58		16.00
802.11ax HE80	242T 64	5290	58		16.00
802.11ax HE80	484T 65	5290	58		16.00
802.11ax HE80	484T 66	5290	58		16.00
802.11ax HE80	996T 67	5290	58		16.00
802.11be HE80	26T 0	5290	58		10.00
802.11be HE80	26T 18	5290	58		10.00
802.11be HE80	26T 4	5290	58		10.00
802.11be HE80	26T 36	5290	58		10.00
802.11be HE80	26T 8	5290	58		11.00
802.11be HE80	52T 37	5290	58		16.00
802.11be HE80	52T 39	5290	58		16.00
802.11be HE80	52T 45	5290	58		16.00
802.11be HE80	52T 40	5290	58		16.00
802.11be HE80	52T 52	5290	58		16.00
802.11be HE80	106T 53	5290	58		16.00
802.11be HE80	106T 54	5290	58		16.00
802.11be HE80	106T 57	5290	58		16.00
802.11be HE80	106T 60	5290	58		16.00
802.11be HE80	242T 61	5290	58		16.00
802.11be HE80	242T 63	5290	58		16.00
802.11be HE80	242T 64	5290	58		16.00
802.11be HE80	484T 65	5290	58		16.00
802.11be HE80	484T 66	5290	58		16.00
802.11be HE80	996T 67	5290	58		16.00

WLAN5.3G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		/
		5280	56		/
		5320	64		/
802.11n HT20	NA	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ac VHT20	NA	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11n HT40	NA	5270	54		19.00
		5310	62		19.00
802.11ac VHT40	NA	5270	54		19.00
		5310	62		19.00
802.11ac VHT80	NA	5290	58		19.00
802.11ax HE20	26T 0	5260	52		13.00
		5280	56		13.00
		5320	64		14.00
802.11ax HE20	26T 4	5260	52		13.00
		5280	56		14.00
		5320	64		14.00
802.11ax HE20	26T 8	5260	52		14.00
		5280	56		14.00
		5320	64		14.00
802.11ax HE20	52T 37	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ax HE20	52T 39	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ax HE20	52T 40	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ax HE20	106T 53	5260	52	17.88	19.00
		5280	56	17.82	19.00
		5300	60	18.32	19.00
		5320	64	**18.39**	19.00
802.11ax HE20	106T 54	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ax HE20	242T 61	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	26T 0	5260	52		14.00
		5280	56		14.00
		5320	64		14.00
802.11be HE20	26T 4	5260	52		13.00
		5280	56		13.00
		5320	64		14.00
802.11be HE20	26T 8	5260	52		14.00
		5280	56		14.00
		5320	64		14.00
802.11be HE20	52T 37	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	52T 39	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	52T 40	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	106T 53	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	106T 54	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	242T 61	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ax HE40	26T 0	5270	54		18.00
		5310	62		13.00
802.11ax HE40	26T 10	5270	54		18.00
		5310	62		14.00
802.11ax HE40	26T 17	5270	54		17.00
		5310	62		14.00
802.11ax HE40	52T 37	5270	54		19.00
		5310	62		19.00
802.11ax HE40	52T 41	5270	54		19.00
		5310	62		19.00
802.11ax HE40	52T 44	5270	54		19.00
		5310	62		19.00
802.11ax HE40	106T 53	5270	54		19.00
		5310	62		19.00
802.11ax HE40	106T 55	5270	54		19.00
		5310	62		19.00
802.11ax HE40	106T 56	5270	54		19.00
		5310	62		19.00
802.11ax HE40	242T 61	5270	54		19.00
		5310	62		19.00
802.11ax HE40	242T 62	5270	54		19.00
		5310	62		19.00
802.11ax HE40	484T 65	5270	54		19.00
		5310	62		19.00
802.11be HE40	26T 0	5270	54		18.00
		5310	62		14.00
802.11be HE40	26T 10	5270	54		18.00
		5310	62		14.00
802.11be HE40	26T 4	5270	54		18.00
		5310	62		14.00
802.11be HE40	26T 17	5270	54		18.00
		5310	62		14.00
802.11be HE40	26T 8	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 37	5270	54		19.00
		5310	62		19.00
802.11be HE40	52T 39	5270	54		19.00
		5310	62		19.00
802.11be HE40	52T 41	5270	54		19.00
		5310	62		19.00
802.11be HE40	52T 40	5270	54		19.00
		5310	62		19.00
802.11be HE40	52T 44	5270	54		19.00
		5310	62		19.00
802.11be HE40	106T 53	5270	54		19.00
		5310	62		19.00
802.11be HE40	106T 54	5270	54		19.00
		5310	62		19.00
802.11be HE40	106T 55	5270	54		19.00
		5310	62		19.00
802.11be HE40	106T 56	5270	54		19.00
		5310	62		19.00
802.11be HE40	242T 61	5270	54		19.00
		5310	62		19.00
802.11be HE40	242T 62	5270	54		19.00
		5310	62		19.00
802.11be HE40	484T 65	5270	54		19.00
		5310	62		19.00
802.11ax HE80	26T 0	5290	58		14.00
802.11ax HE80	26T 18	5290	58		14.00
802.11ax HE80	26T 36	5290	58		14.00
802.11ax HE80	52T 37	5290	58		19.00
802.11ax HE80	52T 45	5290	58		19.00
802.11ax HE80	52T 52	5290	58		19.00
802.11ax HE80	106T 53	5290	58		19.00
802.11ax HE80	106T 57	5290	58		19.00
802.11ax HE80	106T 60	5290	58		19.00
802.11ax HE80	242T 61	5290	58		19.00
802.11ax HE80	242T 63	5290	58		19.00
802.11ax HE80	242T 64	5290	58		19.00
802.11ax HE80	484T 65	5290	58		19.00
802.11ax HE80	484T 66	5290	58		19.00
802.11ax HE80	996T 67	5290	58		19.00
802.11be HE80	26T 0	5290	58		13.00
802.11be HE80	26T 18	5290	58		13.00
802.11be HE80	26T 4	5290	58		14.00
802.11be HE80	26T 36	5290	58		13.00
802.11be HE80	26T 8	5290	58		13.00
802.11be HE80	52T 37	5290	58		19.00
802.11be HE80	52T 39	5290	58		19.00
802.11be HE80	52T 45	5290	58		19.00
802.11be HE80	52T 40	5290	58		19.00
802.11be HE80	52T 52	5290	58		19.00
802.11be HE80	106T 53	5290	58		19.00
802.11be HE80	106T 54	5290	58		19.00
802.11be HE80	106T 57	5290	58		19.00
802.11be HE80	106T 60	5290	58		19.00
802.11be HE80	242T 61	5290	58		19.00
802.11be HE80	242T 63	5290	58		19.00
802.11be HE80	242T 64	5290	58		19.00
802.11be HE80	484T 65	5290	58		19.00
802.11be HE80	484T 66	5290	58		19.00
802.11be HE80	996T 67	5290	58		19.00

WLAN DSI7

WLAN5.6G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11n HT20	NA	5500	100	14.87	16.00
		5580	116	14.89	16.00
		5620	124	14.91	16.00
		5660	132	14.76	16.00
		5700	140	**14.92**	16.00
		5720	144	14.85	16.00
802.11ac VHT20	NA	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11n HT40	NA	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11ac VHT40	NA	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11ac VHT80	NA	5530	106		16.00
		5610	122		16.00
802.11ac VHT160	NA	5570	114		16.00
802.11ax HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	26T 4	5500	100		9.00
		5580	116		9.00
		5700	140		10.00
802.11ax HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	52T 37	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	52T 39	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	52T 40	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	106T 53	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	106T 54	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	242T 61	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	26T 4	5500	100		9.00
		5580	116		9.00
		5700	140		10.00
802.11be HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	52T 37	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	52T 39	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	52T 40	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	106T 53	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	106T 54	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	242T 61	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE40	26T 0	5510	102		10.00
		5670	134		10.00
802.11ax HE40	26T 10	5510	102		10.00
		5670	134		10.00
802.11ax HE40	26T 17	5510	102		10.00
		5670	134		10.00
802.11ax HE40	52T 37	5510	102		16.00
		5670	134		16.00
802.11ax HE40	52T 41	5510	102		16.00
		5670	134		16.00
802.11ax HE40	52T 44	5510	102		16.00
		5670	134		16.00
802.11ax HE40	106T 53	5510	102		16.00
		5670	134		16.00
802.11ax HE40	106T 55	5510	102		16.00
		5670	134		16.00
802.11ax HE40	106T 56	5510	102		16.00
		5670	134		16.00
802.11ax HE40	242T 61	5510	102		16.00
		5670	134		16.00
802.11ax HE40	242T 62	5510	102		16.00
		5670	134		16.00
802.11ax HE40	484T 65	5510	102		16.00
		5670	134		16.00
802.11be HE40	26T 0	5510	102		14.00
		5670	134		14.00
802.11be HE40	26T 10	5510	102		14.00
		5670	134		15.00
802.11be HE40	26T 4	5510	102		15.00
		5590	118		14.00
		5670	134		15.00
802.11be HE40	26T 17	5510	102		15.00
		5670	134		14.00
802.11be HE40	26T 8	5510	102		14.00
		5590	118		14.00
		5670	134		14.00
802.11be HE40	52T 37	5510	102		16.00
		5670	134		16.00
802.11be HE40	52T 39	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11be HE40	52T 41	5510	102		16.00
		5670	134		16.00
802.11be HE40	52T 40	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11be HE40	52T 44	5510	102		16.00
		5670	134		16.00
802.11be HE40	106T 53	5510	102		16.00
		5670	134		16.00
802.11be HE40	106T 54	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11be HE40	106T 55	5510	102		16.00
		5670	134		16.00
802.11be HE40	106T 56	5510	102		16.00
		5670	134		16.00
802.11be HE40	242T 61	5510	102		16.00
		5670	134		16.00
802.11be HE40	242T 62	5510	102		16.00
		5670	134		16.00
802.11be HE40	484T 65	5510	102		16.00
		5670	134		16.00
802.11ax HE80	26T 0	5530	106		14.00
		5610	122		14.00
802.11ax HE80	26T 18	5530	106		14.00
		5610	122		14.00
802.11ax HE80	26T 36	5530	106		14.00
		5610	122		14.00
802.11ax HE80	52T 37	5530	106		16.00
		5610	122		16.00
802.11ax HE80	52T 45	5530	106		16.00
		5610	122		16.00
802.11ax HE80	52T 52	5530	106		16.00
		5610	122		16.00
802.11ax HE80	106T 53	5530	106		16.00
		5610	122		16.00
802.11ax HE80	106T 57	5530	106		16.00
		5610	122		16.00
802.11ax HE80	106T 60	5530	106		16.00
		5610	122		16.00
802.11ax HE80	242T 61	5530	106		16.00
		5610	122		16.00
802.11ax HE80	242T 63	5530	106		16.00
		5610	122		16.00
802.11ax HE80	242T 64	5530	106		16.00
		5610	122		16.00
802.11ax HE80	484T 65	5530	106		16.00
		5610	122		16.00
802.11ax HE80	484T 66	5530	106		16.00
		5610	122		16.00
802.11ax HE80	996T 67	5530	106		16.00
		5610	122		16.00
802.11ax HE160	26T L	5570	114		13.00
802.11ax HE160	26T H	5570	114		14.00
802.11ax HE160	52T L	5570	114		16.00
802.11ax HE160	52T H	5570	114		16.00
802.11ax HE160	106T L	5570	114		16.00
802.11ax HE160	106T H	5570	114		16.00
802.11ax HE160	242T L	5570	114		15.00
802.11ax HE160	242T H	5570	114		15.00
802.11ax HE160	484T L	5570	114		15.00
802.11ax HE160	484T H	5570	114		15.00
802.11ax HE160	996T L	5570	114		15.00
802.11ax HE160	996T H	5570	114		15.00
802.11ax HE160	1992T LH	5570	114		15.00
802.11ax HE160	484+996	5570	114		15.00
802.11ax HE160	242+484+996	5570	114		15.00

WLAN5.6G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11n HT20	NA	5500	100	14.69	16.00
		5580	116	14.96	16.00
		5620	124	14.63	16.00
		5660	132	14.57	16.00
		5700	140	**14.84**	16.00
		5720	144	14.76	16.00
802.11ac VHT20	NA	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11n HT40	NA	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11ac VHT40	NA	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11ac VHT80	NA	5530	106		16.00
		5610	122		16.00
802.11ac VHT160	NA	5570	114		16.00
802.11ax HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	26T 4	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11ax HE20	52T 37	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	52T 39	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	52T 40	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	106T 53	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	106T 54	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE20	242T 61	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	26T 4	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
802.11be HE20	52T 37	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	52T 39	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	52T 40	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	106T 53	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	106T 54	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11be HE20	242T 61	5500	100		16.00
		5580	116		16.00
		5700	140		16.00
802.11ax HE40	26T 0	5510	102		10.00
		5670	134		10.00
802.11ax HE40	26T 10	5510	102		10.00
		5670	134		11.00
802.11ax HE40	26T 17	5510	102		11.00
		5670	134		10.00
802.11ax HE40	52T 37	5510	102		16.00
		5670	134		16.00
802.11ax HE40	52T 41	5510	102		16.00
		5670	134		16.00
802.11ax HE40	52T 44	5510	102		16.00
		5670	134		16.00
802.11ax HE40	106T 53	5510	102		16.00
		5670	134		16.00
802.11ax HE40	106T 55	5510	102		16.00
		5670	134		16.00
802.11ax HE40	106T 56	5510	102		16.00
		5670	134		16.00
802.11ax HE40	242T 61	5510	102		16.00
		5670	134		16.00
802.11ax HE40	242T 62	5510	102		16.00
		5670	134		16.00
802.11ax HE40	484T 65	5510	102		16.00
		5670	134		16.00
802.11be HE40	26T 0	5510	102		15.00
		5670	134		15.00
802.11be HE40	26T 10	5510	102		15.00
		5670	134		15.00
802.11be HE40	26T 4	5510	102		15.00
		5590	118		14.00
		5670	134		15.00
802.11be HE40	26T 17	5510	102		15.00
		5670	134		14.00
802.11be HE40	26T 8	5510	102		14.00
		5590	118		15.00
		5670	134		14.00
802.11be HE40	52T 37	5510	102		16.00
		5670	134		16.00
802.11be HE40	52T 39	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11be HE40	52T 41	5510	102		16.00
		5670	134		16.00
802.11be HE40	52T 40	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11be HE40	52T 44	5510	102		16.00
		5670	134		16.00
802.11be HE40	106T 53	5510	102		16.00
		5670	134		16.00
802.11be HE40	106T 54	5510	102		16.00
		5590	118		16.00
		5670	134		16.00
802.11be HE40	106T 55	5510	102		16.00
		5670	134		16.00
802.11be HE40	106T 56	5510	102		16.00
		5670	134		16.00
802.11be HE40	242T 61	5510	102		16.00
		5670	134		16.00
802.11be HE40	242T 62	5510	102		16.00
		5670	134		16.00
802.11be HE40	484T 65	5510	102		16.00
		5670	134		16.00
802.11ax HE80	26T 0	5530	106		15.00
		5610	122		15.00
802.11ax HE80	26T 18	5530	106		15.00
		5610	122		15.00
802.11ax HE80	26T 36	5530	106		15.00
		5610	122		15.00
802.11ax HE80	52T 37	5530	106		16.00
		5610	122		16.00
802.11ax HE80	52T 45	5530	106		16.00
		5610	122		16.00
802.11ax HE80	52T 52	5530	106		16.00
		5610	122		16.00
802.11ax HE80	106T 53	5530	106		16.00
		5610	122		16.00
802.11ax HE80	106T 57	5530	106		16.00
		5610	122		16.00
802.11ax HE80	106T 60	5530	106		16.00
		5610	122		16.00
802.11ax HE80	242T 61	5530	106		16.00
		5610	122		16.00
802.11ax HE80	242T 63	5530	106		16.00
		5610	122		16.00
802.11ax HE80	242T 64	5530	106		16.00
		5610	122		16.00
802.11ax HE80	484T 65	5530	106		16.00
		5610	122		16.00
802.11ax HE80	484T 66	5530	106		16.00
		5610	122		16.00
802.11ax HE80	996T 67	5530	106		16.00
		5610	122		16.00
802.11ax HE160	26T L	5570	114		14.00
802.11ax HE160	26T H	5570	114		14.00
802.11ax HE160	52T L	5570	114		16.00
802.11ax HE160	52T H	5570	114		16.00
802.11ax HE160	106T L	5570	114		16.00
802.11ax HE160	106T H	5570	114		16.00
802.11ax HE160	242T L	5570	114		15.00
802.11ax HE160	242T H	5570	114		15.00
802.11ax HE160	484T L	5570	114		15.00
802.11ax HE160	484T H	5570	114		15.00
802.11ax HE160	996T L	5570	114		15.00
802.11ax HE160	996T H	5570	114		15.00
802.11ax HE160	1992T LH	5570	114		15.00
802.11ax HE160	484+996	5570	114		15.00
802.11ax HE160	242+484+996	5570	114		15.00

WLAN5.6G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		/
		5580	116		/
		5700	140		/
802.11n HT20	NA	5500	100	17.79	19.00
		5580	116	17.74	19.00
		5620	124	17.75	19.00
		5660	132	17.68	19.00
		5700	140	**17.89**	19.00
		5720	144	17.82	19.00
802.11ac VHT20	NA	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11n HT40	NA	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
802.11ac VHT40	NA	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
802.11ac VHT80	NA	5530	106		19.00
		5610	122		19.00
802.11ac VHT160	NA	5570	114		19.00
802.11ax HE20	26T 0	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11ax HE20	26T 4	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11ax HE20	26T 8	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11ax HE20	52T 37	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	52T 39	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	52T 40	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	106T 53	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	106T 54	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE20	242T 61	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	26T 0	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11be HE20	26T 4	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11be HE20	26T 8	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
802.11be HE20	52T 37	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	52T 39	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	52T 40	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	106T 53	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	106T 54	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE20	242T 61	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE40	26T 0	5510	102		13.00
		5670	134		13.00
802.11ax HE40	26T 10	5510	102		13.00
		5670	134		13.00
802.11ax HE40	26T 17	5510	102		13.00
		5670	134		13.00
802.11ax HE40	52T 37	5510	102		19.00
		5670	134		19.00
802.11ax HE40	52T 41	5510	102		19.00
		5670	134		19.00
802.11ax HE40	52T 44	5510	102		19.00
		5670	134		19.00
802.11ax HE40	106T 53	5510	102		19.00
		5670	134		19.00
802.11ax HE40	106T 55	5510	102		19.00
		5670	134		19.00
802.11ax HE40	106T 56	5510	102		19.00
		5670	134		19.00
802.11ax HE40	242T 61	5510	102		19.00
		5670	134		19.00
802.11ax HE40	242T 62	5510	102		19.00
		5670	134		19.00
802.11ax HE40	484T 65	5510	102		19.00
		5670	134		19.00
802.11be HE40	26T 0	5510	102		18.00
		5670	134		18.00
802.11be HE40	26T 10	5510	102		18.00
		5670	134		18.00
802.11be HE40	26T 4	5510	102		18.00
		5590	118		17.00
		5670	134		18.00
802.11be HE40	26T 17	5510	102		18.00
		5670	134		17.00
802.11be HE40	26T 8	5510	102		17.00
		5590	118		17.00
		5670	134		17.00
802.11be HE40	52T 37	5510	102		19.00
		5670	134		19.00
802.11be HE40	52T 39	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
802.11be HE40	52T 41	5510	102		19.00
		5670	134		19.00
802.11be HE40	52T 40	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
802.11be HE40	52T 44	5510	102		19.00
		5670	134		19.00
802.11be HE40	106T 53	5510	102		19.00
		5670	134		19.00
802.11be HE40	106T 54	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
802.11be HE40	106T 55	5510	102		19.00
		5670	134		19.00
802.11be HE40	106T 56	5510	102		19.00
		5670	134		19.00
802.11be HE40	242T 61	5510	102		19.00
		5670	134		19.00
802.11be HE40	242T 62	5510	102		19.00
		5670	134		19.00
802.11be HE40	484T 65	5510	102		19.00
		5670	134		19.00
802.11ax HE80	26T 0	5530	106		17.00
		5610	122		17.00
802.11ax HE80	26T 18	5530	106		17.00
		5610	122		17.00
802.11ax HE80	26T 36	5530	106		17.00
		5610	122		18.00
802.11ax HE80	52T 37	5530	106		19.00
		5610	122		19.00
802.11ax HE80	52T 45	5530	106		19.00
		5610	122		19.00
802.11ax HE80	52T 52	5530	106		19.00
		5610	122		19.00
802.11ax HE80	106T 53	5530	106		19.00
		5610	122		19.00
802.11ax HE80	106T 57	5530	106		19.00
		5610	122		19.00
802.11ax HE80	106T 60	5530	106		19.00
		5610	122		19.00
802.11ax HE80	242T 61	5530	106		19.00
		5610	122		19.00
802.11ax HE80	242T 63	5530	106		19.00
		5610	122		19.00
802.11ax HE80	242T 64	5530	106		19.00
		5610	122		19.00
802.11ax HE80	484T 65	5530	106		19.00
		5610	122		19.00
802.11ax HE80	484T 66	5530	106		19.00
		5610	122		19.00
802.11ax HE80	996T 67	5530	106		19.00
		5610	122		19.00
802.11ax HE160	26T L	5570	114		16.00
802.11ax HE160	26T H	5570	114		17.00
802.11ax HE160	52T L	5570	114		19.00
802.11ax HE160	52T H	5570	114		19.00
802.11ax HE160	106T L	5570	114		19.00
802.11ax HE160	106T H	5570	114		19.00
802.11ax HE160	242T L	5570	114		18.00
802.11ax HE160	242T H	5570	114		18.00
802.11ax HE160	484T L	5570	114		18.00
802.11ax HE160	484T H	5570	114		18.00
802.11ax HE160	996T L	5570	114		18.00
802.11ax HE160	996T H	5570	114		18.00
802.11ax HE160	1992T LH	5570	114		18.00
802.11ax HE160	484+996	5570	114		18.00
802.11ax HE160	242+484+996	5570	114		18.00

WLAN DSI7

WLAN5.8G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		19.00
	NA	5785	157		20.00
	NA	5825	165		20.00
802.11n HT20	NA	5745	149		20.00
	NA	5785	157		20.00
	NA	5825	165		20.00
802.11ac VHT20	NA	5745	149		19.00
	NA	5785	157		19.00
	NA	5825	165		19.00
802.11n HT40	NA	5755	151		18.00
	NA	5795	159		18.00
802.11ac VHT40	NA	5755	151		18.00
	NA	5795	159		18.00
802.11ac VHT80	NA	5775	155		18.00
802.11ax HE20	26T 0	5745	149		20.00
	26T 0	5785	157		20.00
	26T 0	5825	165		19.00
802.11ax HE20	26T 4	5745	149		19.00
	26T 4	5785	157		19.00
	26T 4	5825	165		19.00
802.11ax HE20	26T 8	5745	149		19.00
	26T 8	5785	157		19.00
	26T 8	5825	165		19.00
802.11ax HE20	52T 37	5745	149		20.00
	52T 37	5785	157		20.00
	52T 37	5825	165		18.00
802.11ax HE20	52T 39	5745	149		19.00
	52T 39	5785	157		20.00
	52T 39	5825	165		19.00
802.11ax HE20	52T 40	5745	149		19.00
	52T 40	5785	157		19.00
	52T 40	5825	165		18.00
802.11ax HE20	106T 53	5745	149		20.00
	106T 53	5785	157		20.00
	106T 53	5825	165		20.00
802.11ax HE20	106T 54	5745	149		19.00
	106T 54	5785	157		19.00
	106T 54	5825	165		19.00
802.11ax HE20	242T 61	5745	149		19.00
	242T 61	5785	157		19.00
	242T 61	5825	165		20.00
802.11be HE20	26T 0	5745	149		19.00
	26T 0	5785	157		19.00
	26T 0	5825	165		19.00
802.11be HE20	26T 4	5745	149		18.00
	26T 4	5785	157		18.00
	26T 4	5825	165		19.00
802.11be HE20	26T 8	5745	149		18.00
	26T 8	5785	157		19.00
	26T 8	5825	165		19.00
802.11be HE20	52T 37	5745	149		19.00
	52T 37	5785	157		19.00
	52T 37	5825	165		19.00
802.11be HE20	52T 39	5745	149		19.00
	52T 39	5785	157		19.00
	52T 39	5825	165		19.00
802.11be HE20	52T 40	5745	149		18.00
	52T 40	5785	157		18.00
	52T 40	5825	165		18.00
802.11be HE20	106T 53	5745	149	18.92	20.00
	106T 53	5785	157	**18.95**	20.00
	106T 53	5825	165	18.79	20.00
802.11be HE20	106T 54	5745	149		19.00
	106T 54	5785	157		19.00
	106T 54	5825	165		19.00
802.11be HE20	242T 61	5745	149		20.00
	242T 61	5785	157		20.00
	242T 61	5825	165		20.00
802.11ax HE40	26T 0	5755	151		18.00
	26T 0	5795	159		18.00
802.11ax HE40	26T 10	5755	151		18.00
	26T 10	5795	159		18.00
802.11ax HE40	26T 17	5755	151		18.00
	26T 17	5795	159		18.00
802.11ax HE40	52T 37	5755	151		18.00
	52T 37	5795	159		18.00
802.11ax HE40	52T 41	5755	151		18.00
	52T 41	5795	159		18.00
802.11ax HE40	52T 44	5755	151		18.00
	52T 44	5795	159		18.00
802.11ax HE40	106T 53	5755	151		19.00
	106T 53	5795	159		19.00
802.11ax HE40	106T 55	5755	151		19.00
	106T 55	5795	159		19.00
802.11ax HE40	106T 56	5755	151		19.00
	106T 56	5795	159		19.00
802.11ax HE40	242T 61	5755	151		18.00
	242T 61	5795	159		18.00
802.11ax HE40	242T 62	5755	151		18.00
	242T 62	5795	159		18.00
802.11ax HE40	484T 65	5755	151		17.00
	484T 65	5795	159		17.00
802.11be HE40	26T 0	5755	151		18.00
	26T 0	5795	159		18.00
802.11be HE40	26T 10	5755	151		18.00
	26T 10	5795	159		18.00
802.11be HE40	26T 4	5755	151		18.00
	26T 4	5795	159		17.00
802.11be HE40	26T 17	5755	151		18.00
	26T 17	5795	159		18.00
802.11be HE40	26T 8	5755	151		17.00
	26T 8	5795	159		17.00
802.11be HE40	52T 37	5755	151		17.00
	52T 37	5795	159		17.00
802.11be HE40	52T 39	5755	151		17.00
	52T 39	5795	159		17.00
802.11be HE40	52T 41	5755	151		17.00
	52T 41	5795	159		18.00
802.11be HE40	52T 40	5755	151		18.00
	52T 40	5795	159		17.00
802.11be HE40	52T 44	5755	151		17.00
	52T 44	5795	159		17.00
802.11be HE40	106T 53	5755	151		19.00
	106T 53	5795	159		19.00
802.11be HE40	106T 54	5755	151		19.00
	106T 54	5795	159		19.00
802.11be HE40	106T 55	5755	151		20.00
	106T 55	5795	159		19.00
802.11be HE40	106T 56	5755	151		20.00
	106T 56	5795	159		20.00
802.11be HE40	242T 61	5755	151		18.00
	242T 61	5795	159		18.00
802.11be HE40	242T 62	5755	151		18.00
	242T 62	5795	159		18.00
802.11be HE40	484T 65	5755	151		17.00
	484T 65	5795	159		17.00
802.11ax HE80	26T 0	5775	155		17.00
802.11ax HE80	26T 18	5775	155		17.00
802.11ax HE80	26T 36	5775	155		18.00
802.11ax HE80	52T 37	5775	155		17.00
802.11ax HE80	52T 45	5775	155		17.00
802.11ax HE80	52T 52	5775	155		19.00
802.11ax HE80	106T 53	5775	155		19.00
802.11ax HE80	106T 57	5775	155		19.00
802.11ax HE80	106T 60	5775	155		20.00
802.11ax HE80	242T 61	5775	155		17.00
802.11ax HE80	242T 63	5775	155		17.00
802.11ax HE80	242T 64	5775	155		17.00
802.11ax HE80	484T 65	5775	155		17.00
802.11ax HE80	484T 66	5775	155		17.00
802.11ax HE80	996T 67	5775	155		17.00
802.11be HE80	26T 0	5775	155		18.00
802.11be HE80	26T 18	5775	155		18.00
802.11be HE80	26T 4	5775	155		18.00
802.11be HE80	26T 36	5775	155		18.00
802.11be HE80	26T 8	5775	155		18.00
802.11be HE80	52T 37	5775	155		18.00
802.11be HE80	52T 39	5775	155		18.00
802.11be HE80	52T 45	5775	155		18.00
802.11be HE80	52T 40	5775	155		18.00
802.11be HE80	52T 52	5775	155		18.00
802.11be HE80	106T 53	5775	155		19.00
802.11be HE80	106T 54	5775	155		19.00
802.11be HE80	106T 57	5775	155		20.00
802.11be HE80	106T 60	5775	155		19.00
802.11be HE80	242T 61	5775	155		17.00
802.11be HE80	242T 63	5775	155		17.00
802.11be HE80	242T 64	5775	155		17.00
802.11be HE80	484T 65	5775	155		17.00
802.11be HE80	484T 66	5775	155		17.00
802.11be HE80	996T 67	5775	155		17.00

WLAN5.8G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		19.00
	NA	5785	157		19.00
	NA	5825	165		19.00
802.11n HT20	NA	5745	149		20.00
	NA	5785	157		19.00
	NA	5825	165		19.00
802.11ac VHT20	NA	5745	149		19.00
	NA	5785	157		19.00
	NA	5825	165		19.00
802.11n HT40	NA	5755	151		18.00
	NA	5795	159		18.00
802.11ac VHT40	NA	5755	151		18.00
	NA	5795	159		18.00
802.11ac VHT80	NA	5775	155		17.00
802.11ax HE20	26T 0	5745	149		20.00
	26T 0	5785	157		20.00
	26T 0	5825	165		18.00
802.11ax HE20	26T 4	5745	149		19.00
	26T 4	5785	157		19.00
	26T 4	5825	165		20.00
802.11ax HE20	26T 8	5745	149		20.00
	26T 8	5785	157		20.00
	26T 8	5825	165		19.00
802.11ax HE20	52T 37	5745	149		19.00
	52T 37	5785	157		20.00
	52T 37	5825	165		19.00
802.11ax HE20	52T 39	5745	149		19.00
	52T 39	5785	157		19.00
	52T 39	5825	165		19.00
802.11ax HE20	52T 40	5745	149		19.00
	52T 40	5785	157		19.00
	52T 40	5825	165		19.00
802.11ax HE20	106T 53	5745	149		19.00
	106T 53	5785	157		19.00
	106T 53	5825	165		19.00
802.11ax HE20	106T 54	5745	149		19.00
	106T 54	5785	157		19.00
	106T 54	5825	165		19.00
802.11ax HE20	242T 61	5745	149		19.00
	242T 61	5785	157		19.00
	242T 61	5825	165		19.00
802.11be HE20	26T 0	5745	149		19.00
	26T 0	5785	157		19.00
	26T 0	5825	165		19.00
802.11be HE20	26T 4	5745	149		18.00
	26T 4	5785	157		19.00
	26T 4	5825	165		19.00
802.11be HE20	26T 8	5745	149		19.00
	26T 8	5785	157		19.00
	26T 8	5825	165		19.00
802.11be HE20	52T 37	5745	149		19.00
	52T 37	5785	157		19.00
	52T 37	5825	165		19.00
802.11be HE20	52T 39	5745	149		18.00
	52T 39	5785	157		18.00
	52T 39	5825	165		18.00
802.11be HE20	52T 40	5745	149		19.00
	52T 40	5785	157		19.00
	52T 40	5825	165		19.00
802.11be HE20	106T 53	5745	149	18.31	19.00
	106T 53	5785	157	**18.40**	19.00
	106T 53	5825	165	17.86	19.00
802.11be HE20	106T 54	5745	149		19.00
	106T 54	5785	157		19.00
	106T 54	5825	165		19.00
802.11be HE20	242T 61	5745	149		19.00
	242T 61	5785	157		19.00
	242T 61	5825	165		19.00
802.11ax HE40	26T 0	5755	151		18.00
	26T 0	5795	159		18.00
802.11ax HE40	26T 10	5755	151		18.00
	26T 10	5795	159		18.00
802.11ax HE40	26T 17	5755	151		18.00
	26T 17	5795	159		18.00
802.11ax HE40	52T 37	5755	151		18.00
	52T 37	5795	159		18.00
802.11ax HE40	52T 41	5755	151		18.00
	52T 41	5795	159		18.00
802.11ax HE40	52T 44	5755	151		18.00
	52T 44	5795	159		18.00
802.11ax HE40	106T 53	5755	151		19.00
	106T 53	5795	159		19.00
802.11ax HE40	106T 55	5755	151		19.00
	106T 55	5795	159		19.00
802.11ax HE40	106T 56	5755	151		19.00
	106T 56	5795	159		19.00
802.11ax HE40	242T 61	5755	151		18.00
	242T 61	5795	159		18.00
802.11ax HE40	242T 62	5755	151		18.00
	242T 62	5795	159		18.00
802.11ax HE40	484T 65	5755	151		17.00
	484T 65	5795	159		17.00
802.11be HE40	26T 0	5755	151		18.00
	26T 0	5795	159		18.00
802.11be HE40	26T 10	5755	151		18.00
	26T 10	5795	159		18.00
802.11be HE40	26T 4	5755	151		18.00
	26T 4	5795	159		18.00
802.11be HE40	26T 17	5755	151		18.00
	26T 17	5795	159		18.00
802.11be HE40	26T 8	5755	151		17.00
	26T 8	5795	159		17.00
802.11be HE40	52T 37	5755	151		17.00
	52T 37	5795	159		17.00
802.11be HE40	52T 39	5755	151		17.00
	52T 39	5795	159		17.00
802.11be HE40	52T 41	5755	151		17.00
	52T 41	5795	159		18.00
802.11be HE40	52T 40	5755	151		17.00
	52T 40	5795	159		17.00
802.11be HE40	52T 44	5755	151		17.00
	52T 44	5795	159		17.00
802.11be HE40	106T 53	5755	151		19.00
	106T 53	5795	159		19.00
802.11be HE40	106T 54	5755	151		19.00
	106T 54	5795	159		19.00
802.11be HE40	106T 55	5755	151		19.00
	106T 55	5795	159		19.00
802.11be HE40	106T 56	5755	151		19.00
	106T 56	5795	159		19.00
802.11be HE40	242T 61	5755	151		18.00
	242T 61	5795	159		18.00
802.11be HE40	242T 62	5755	151		18.00
	242T 62	5795	159		18.00
802.11be HE40	484T 65	5755	151		17.00
	484T 65	5795	159		17.00
802.11ax HE80	26T 0	5775	155		18.00
802.11ax HE80	26T 18	5775	155		18.00
802.11ax HE80	26T 36	5775	155		19.00
802.11ax HE80	52T 37	5775	155		18.00
802.11ax HE80	52T 45	5775	155		18.00
802.11ax HE80	52T 52	5775	155		19.00
802.11ax HE80	106T 53	5775	155		19.00
802.11ax HE80	106T 57	5775	155		19.00
802.11ax HE80	106T 60	5775	155		19.00
802.11ax HE80	242T 61	5775	155		17.00
802.11ax HE80	242T 63	5775	155		17.00
802.11ax HE80	242T 64	5775	155		17.00
802.11ax HE80	484T 65	5775	155		17.00
802.11ax HE80	484T 66	5775	155		17.00
802.11ax HE80	996T 67	5775	155		17.00
802.11be HE80	26T 0	5775	155		18.00
802.11be HE80	26T 18	5775	155		18.00
802.11be HE80	26T 4	5775	155		18.00
802.11be HE80	26T 36	5775	155		18.00
802.11be HE80	26T 8	5775	155		18.00
802.11be HE80	52T 37	5775	155		18.00
802.11be HE80	52T 39	5775	155		18.00
802.11be HE80	52T 45	5775	155		18.00
802.11be HE80	52T 40	5775	155		18.00
802.11be HE80	52T 52	5775	155		18.00
802.11be HE80	106T 53	5775	155		19.00
802.11be HE80	106T 54	5775	155		19.00
802.11be HE80	106T 57	5775	155		19.00
802.11be HE80	106T 60	5775	155		19.00
802.11be HE80	242T 61	5775	155		17.00
802.11be HE80	242T 63	5775	155		17.00
802.11be HE80	242T 64	5775	155		17.00
802.11be HE80	484T 65	5775	155		17.00
802.11be HE80	484T 66	5775	155		17.00
802.11be HE80	996T 67	5775	155		17.00

WLAN5.8G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		/
	NA	5785	157		/
	NA	5825	165		/
802.11n HT20	NA	5745	149		23.00
	NA	5785	157		23.00
	NA	5825	165		23.00
802.11ac VHT20	NA	5745	149		22.00
	NA	5785	157		22.00
	NA	5825	165		22.00
802.11n HT40	NA	5755	151		21.00
	NA	5795	159		21.00
802.11ac VHT40	NA	5755	151		21.00
	NA	5795	159		21.00
802.11ac VHT80	NA	5775	155		20.00
802.11ax HE20	26T 0	5745	149		23.00
	26T 0	5785	157		23.00
	26T 0	5825	165		21.00
802.11ax HE20	26T 4	5745	149		22.00
	26T 4	5785	157		22.00
	26T 4	5825	165		22.00
802.11ax HE20	26T 8	5745	149		23.00
	26T 8	5785	157		22.00
	26T 8	5825	165		22.00
802.11ax HE20	52T 37	5745	149		23.00
	52T 37	5785	157		23.00
	52T 37	5825	165		22.00
802.11ax HE20	52T 39	5745	149		22.00
	52T 39	5785	157		22.00
	52T 39	5825	165		22.00
802.11ax HE20	52T 40	5745	149		22.00
	52T 40	5785	157		22.00
	52T 40	5825	165		22.00
802.11ax HE20	106T 53	5745	149		22.00
	106T 53	5785	157		22.00
	106T 53	5825	165		22.00
802.11ax HE20	106T 54	5745	149		22.00
	106T 54	5785	157		22.00
	106T 54	5825	165		22.00
802.11ax HE20	242T 61	5745	149		22.00
	242T 61	5785	157		22.00
	242T 61	5825	165		22.00
802.11be HE20	26T 0	5745	149		22.00
	26T 0	5785	157		22.00
	26T 0	5825	165		22.00
802.11be HE20	26T 4	5745	149		21.00
	26T 4	5785	157		22.00
	26T 4	5825	165		22.00
802.11be HE20	26T 8	5745	149		22.00
	26T 8	5785	157		22.00
	26T 8	5825	165		22.00
802.11be HE20	52T 37	5745	149		22.00
	52T 37	5785	157		22.00
	52T 37	5825	165		22.00
802.11be HE20	52T 39	5745	149		22.00
	52T 39	5785	157		22.00
	52T 39	5825	165		22.00
802.11be HE20	52T 40	5745	149		21.00
	52T 40	5785	157		22.00
	52T 40	5825	165		22.00
802.11be HE20	106T 53	5745	149	21.64	23.00
	106T 53	5785	157	**21.69**	23.00
	106T 53	5825	165	21.36	22.00
802.11be HE20	106T 54	5745	149		22.00
	106T 54	5785	157		22.00
	106T 54	5825	165		22.00
802.11be HE20	242T 61	5745	149		23.00
	242T 61	5785	157		23.00
	242T 61	5825	165		22.00
802.11ax HE40	26T 0	5755	151		21.00
	26T 0	5795	159		21.00
802.11ax HE40	26T 10	5755	151		21.00
	26T 10	5795	159		21.00
802.11ax HE40	26T 17	5755	151		21.00
	26T 17	5795	159		21.00
802.11ax HE40	52T 37	5755	151		21.00
	52T 37	5795	159		21.00
802.11ax HE40	52T 41	5755	151		21.00
	52T 41	5795	159		21.00
802.11ax HE40	52T 44	5755	151		21.00
	52T 44	5795	159		21.00
802.11ax HE40	106T 53	5755	151		22.00
	106T 53	5795	159		22.00
802.11ax HE40	106T 55	5755	151		22.00
	106T 55	5795	159		22.00
802.11ax HE40	106T 56	5755	151		22.00
	106T 56	5795	159		22.00
802.11ax HE40	242T 61	5755	151		21.00
	242T 61	5795	159		21.00
802.11ax HE40	242T 62	5755	151		21.00
	242T 62	5795	159		21.00
802.11ax HE40	484T 65	5755	151		20.00
	484T 65	5795	159		20.00
802.11be HE40	26T 0	5755	151		21.00
	26T 0	5795	159		21.00
802.11be HE40	26T 10	5755	151		21.00
	26T 10	5795	159		21.00
802.11be HE40	26T 4	5755	151		21.00
	26T 4	5795	159		21.00
802.11be HE40	26T 17	5755	151		21.00
	26T 17	5795	159		21.00
802.11be HE40	26T 8	5755	151		20.00
	26T 8	5795	159		20.00
802.11be HE40	52T 37	5755	151		20.00
	52T 37	5795	159		20.00
802.11be HE40	52T 39	5755	151		20.00
	52T 39	5795	159		20.00
802.11be HE40	52T 41	5755	151		20.00
	52T 41	5795	159		21.00
802.11be HE40	52T 40	5755	151		20.00
	52T 40	5795	159		20.00
802.11be HE40	52T 44	5755	151		20.00
	52T 44	5795	159		20.00
802.11be HE40	106T 53	5755	151		22.00
	106T 53	5795	159		22.00
802.11be HE40	106T 54	5755	151		22.00
	106T 54	5795	159		22.00
802.11be HE40	106T 55	5755	151		22.00
	106T 55	5795	159		22.00
802.11be HE40	106T 56	5755	151		22.00
	106T 56	5795	159		22.00
802.11be HE40	242T 61	5755	151		21.00
	242T 61	5795	159		21.00
802.11be HE40	242T 62	5755	151		21.00
	242T 62	5795	159		21.00
802.11be HE40	484T 65	5755	151		20.00
	484T 65	5795	159		20.00
802.11ax HE80	26T 0	5775	155		21.00
802.11ax HE80	26T 18	5775	155		21.00
802.11ax HE80	26T 36	5775	155		21.00
802.11ax HE80	52T 37	5775	155		21.00
802.11ax HE80	52T 45	5775	155		21.00
802.11ax HE80	52T 52	5775	155		22.00
802.11ax HE80	106T 53	5775	155		22.00
802.11ax HE80	106T 57	5775	155		22.00
802.11ax HE80	106T 60	5775	155		22.00
802.11ax HE80	242T 61	5775	155		20.00
802.11ax HE80	242T 63	5775	155		20.00
802.11ax HE80	242T 64	5775	155		20.00
802.11ax HE80	484T 65	5775	155		20.00
802.11ax HE80	484T 66	5775	155		20.00
802.11ax HE80	996T 67	5775	155		20.00
802.11be HE80	26T 0	5775	155		21.00
802.11be HE80	26T 18	5775	155		21.00
802.11be HE80	26T 4	5775	155		21.00
802.11be HE80	26T 36	5775	155		21.00
802.11be HE80	26T 8	5775	155		21.00
802.11be HE80	52T 37	5775	155		21.00
802.11be HE80	52T 39	5775	155		21.00
802.11be HE80	52T 45	5775	155		21.00
802.11be HE80	52T 40	5775	155		21.00
802.11be HE80	52T 52	5775	155		21.00
802.11be HE80	106T 53	5775	155		22.00
802.11be HE80	106T 54	5775	155		22.00
802.11be HE80	106T 57	5775	155		22.00
802.11be HE80	106T 60	5775	155		22.00
802.11be HE80	242T 61	5775	155		20.00
802.11be HE80	242T 63	5775	155		20.00
802.11be HE80	242T 64	5775	155		20.00
802.11be HE80	484T 65	5775	155		20.00
802.11be HE80	484T 66	5775	155		20.00
802.11be HE80	996T 67	5775	155		20.00

WLAN/BT DSI8

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		8.00
		2440	19		9.00
		2480	39		8.00
	2M	2404	1		8.00
		2440	19		9.00
		2478	38		8.00
BR/EDR	GFSK	2402	0	**14.72**	16.00
		2441	39	14.31	15.00
		2480	78	13.44	14.00
	DQPSK	2402	0		13.00
		2441	39		13.00
		2480	78		11.00
	8DPSK	2402	0		13.00
		2441	39		13.00
		2480	78		12.00

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		8.00
		2440	19		9.00
		2480	39		8.00
	2M	2404	1		8.00
		2440	19		9.00
		2478	38		8.00
BR/EDR	GFSK	2402	0	**15.33**	16.00
		2441	39	15.01	16.00
		2480	78	14.89	16.00
	DQPSK	2402	0		14.00
		2441	39		14.00
		2480	78		13.00
	8DPSK	2402	0		13.00
		2441	39		13.00
		2480	78		13.00

BT	Mode	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
BLE	1M	2402	0		/
		2440	19		/
		2480	39		/
	2M	2404	1		/
		2440	19		/
		2478	38		/
BR/EDR	GFSK	2402	0	**18.84**	20.00
		2441	39	18.81	20.00
		2480	78	18.05	19.00
	DQPSK	2402	0		18.00
		2441	39		17.00
		2480	78		16.00
	8DPSK	2402	0		18.00
		2441	39		17.00
		2480	78		17.00

WLAN2.4G Ant11					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11g	NA	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11n HT20	NA	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11n HT40	NA	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE20	26T+0	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	26T+4	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	26T+8	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	52T+37	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	52T+39	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	52T+40	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	106T+53	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	106T+54	2412	1	**15.06**	16.00
		2437	6	15.01	16.00
		2462	11	15.04	16.00
802.11ax HE20	242T+61	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE40	26T+0	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	26T+10	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	26T+17	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	52T+37	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	52T+41	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	52T+44	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	106T+53	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	106T+55	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	106T+56	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	242T+61	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	242T+62	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	484T+65	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE20	26T+0	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26T+4	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26T+8	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+37	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+39	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+40	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	106T+53	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	106T+54	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	242T+61	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26+106	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE40	26T+0	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26T+10	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26T+17	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+37	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+41	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+44	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+53	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+55	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+56	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	242T+61	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	242T+62	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	484T+65	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26+106	2422	3		16.00

WLAN2.4G Ant9					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11g	NA	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11n HT20	NA	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11n HT40	NA	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE20	26T+0	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	26T+4	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	26T+8	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	52T+37	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	52T+39	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	52T+40	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	106T+53	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE20	106T+54	2412	1	**15.08**	16.00
		2437	6	14.97	16.00
		2462	11	14.99	16.00
802.11ax HE20	242T+61	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11ax HE40	26T+0	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	26T+10	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	26T+17	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	52T+37	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	52T+41	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	52T+44	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	106T+53	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	106T+55	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	106T+56	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	242T+61	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	242T+62	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11ax HE40	484T+65	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE20	26T+0	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26T+4	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26T+8	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+37	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+39	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	52T+40	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	106T+53	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	106T+54	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	242T+61	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE20	26+106	2412	1		16.00
		2437	6		16.00
		2462	11		16.00
802.11be HE40	26T+0	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26T+10	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26T+17	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+37	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+41	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	52T+44	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+53	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+55	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	106T+56	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	242T+61	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	242T+62	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	484T+65	2422	3		16.00
		2437	6		16.00
		2452	9		16.00
802.11be HE40	26+106	2422	3		16.00

WLAN2.4G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11b	NA	2412	1		/
		2437	6		/
		2462	11		/
802.11g	NA	2412	1		/
		2437	6		/
		2462	11		/
802.11n HT20	NA	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11n HT40	NA	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11ax HE20	26T+0	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11ax HE20	26T+4	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11ax HE20	26T+8	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11ax HE20	52T+37	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11ax HE20	52T+39	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11ax HE20	52T+40	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11ax HE20	106T+53	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11ax HE20	106T+54	2412	1	**18.08**	19.00
		2437	6	18.00	19.00
		2462	11	18.03	19.00
802.11ax HE20	242T+61	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11ax HE40	26T+0	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11ax HE40	26T+10	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11ax HE40	26T+17	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11ax HE40	52T+37	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11ax HE40	52T+41	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11ax HE40	52T+44	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11ax HE40	106T+53	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11ax HE40	106T+55	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11ax HE40	106T+56	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11ax HE40	242T+61	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11ax HE40	242T+62	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11ax HE40	484T+65	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE20	26T+0	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	26T+4	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	26T+8	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	52T+37	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	52T+39	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	52T+40	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	106T+53	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	106T+54	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	242T+61	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE20	26+106	2412	1		19.00
		2437	6		19.00
		2462	11		19.00
802.11be HE40	26T+0	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	26T+10	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	26T+17	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	52T+37	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	52T+41	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	52T+44	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	106T+53	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	106T+55	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	106T+56	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	242T+61	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	242T+62	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	484T+65	2422	3		19.00
		2437	6		19.00
		2452	9		19.00
802.11be HE40	26+106	2422	3		19.00

WLAN DSI8

WLAN5.2G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11n HT20	NA	5180	36	15.68	17.00
		5200	40	**15.71**	17.00
		5220	44	15.07	16.00
		5240	48	14.89	16.00
802.11ac VHT20	NA	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11n HT40	NA	5190	38		16.00
		5230	46		16.00
802.11ac VHT40	NA	5190	38		16.00
		5230	46		16.00
802.11ac VHT80	NA	5210	42		16.00
802.11ac VHT160	NA	5250	50		16.00
802.11ax HE20	26T 0	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 4	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 8	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	52T 37	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	52T 39	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	52T 40	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	106T 53	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	106T 54	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	242T 61	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	26T 0	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 4	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 8	5180	36		10.00
		5220	44		11.00
		5240	48		11.00
802.11be HE20	52T 37	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	52T 39	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	52T 40	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	106T 53	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	106T 54	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	242T 61	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE40	26T 0	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 10	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 17	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 37	5190	38		16.00
		5230	46		16.00
802.11ax HE40	52T 41	5190	38		16.00
		5230	46		16.00
802.11ax HE40	52T 44	5190	38		16.00
		5230	46		16.00
802.11ax HE40	106T 53	5190	38		16.00
		5230	46		16.00
802.11ax HE40	106T 55	5190	38		16.00
		5230	46		16.00
802.11ax HE40	106T 56	5190	38		16.00
		5230	46		16.00
802.11ax HE40	242T 61	5190	38		16.00
		5230	46		16.00
802.11ax HE40	242T 62	5190	38		16.00
		5230	46		16.00
802.11ax HE40	484T 65	5190	38		16.00
		5230	46		16.00
802.11ax HE40	26T 0	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 10	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 4	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 17	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 8	5190	38		14.00
		5230	46		14.00
802.11ax HE40	52T 37	5190	38		16.00
		5230	46		16.00
802.11ax HE40	52T 39	5190	38		16.00
		5230	46		16.00
802.11ax HE40	52T 41	5190	38		16.00
		5230	46		16.00
802.11ax HE40	52T 40	5190	38		16.00
		5230	46		16.00
802.11ax HE40	52T 44	5190	38		16.00
		5230	46		16.00
802.11ax HE40	106T 53	5190	38		16.00
		5230	46		16.00
802.11ax HE40	106T 54	5190	38		16.00
		5230	46		16.00
802.11ax HE40	106T 55	5190	38		16.00
		5230	46		16.00
802.11ax HE40	106T 56	5190	38		16.00
		5230	46		16.00
802.11ax HE40	242T 61	5190	38		16.00
		5230	46		16.00
802.11ax HE40	242T 62	5190	38		16.00
		5230	46		16.00
802.11ax HE40	484T 65	5190	38		16.00
		5230	46		16.00
802.11ax HE80	26T 0	5210	42		14.00
802.11ax HE80	26T 18	5210	42		14.00
802.11ax HE80	26T 36	5210	42		14.00
802.11ax HE80	52T 37	5210	42		16.00
802.11ax HE80	52T 45	5210	42		16.00
802.11ax HE80	52T 52	5210	42		16.00
802.11ax HE80	106T 53	5210	42		16.00
802.11ax HE80	106T 57	5210	42		16.00
802.11ax HE80	106T 60	5210	42		16.00
802.11ax HE80	242T 61	5210	42		16.00
802.11ax HE80	242T 63	5210	42		16.00
802.11ax HE80	242T 64	5210	42		16.00
802.11ax HE80	484T 65	5210	42		16.00
802.11ax HE80	484T 66	5210	42		16.00
802.11ax HE80	996T 67	5210	42		16.00
802.11be HE80	26T 0	5210	42		9.00
802.11be HE80	26T 18	5210	42		9.00
802.11be HE80	26T 4	5210	42		10.00
802.11be HE80	26T 36	5210	42		10.00
802.11be HE80	26T 8	5210	42		9.00
802.11be HE80	52T 37	5210	42		16.00
802.11be HE80	52T 39	5210	42		16.00
802.11be HE80	52T 45	5210	42		16.00
802.11be HE80	52T 40	5210	42		16.00
802.11be HE80	52T 52	5210	42		16.00
802.11be HE80	106T 53	5210	42		16.00
802.11be HE80	106T 54	5210	42		16.00
802.11be HE80	106T 57	5210	42		16.00
802.11be HE80	106T 60	5210	42		16.00
802.11be HE80	242T 61	5210	42		16.00
802.11be HE80	242T 63	5210	42		16.00
802.11be HE80	242T 64	5210	42		16.00
802.11be HE80	484T 65	5210	42		16.00
802.11be HE80	484T 66	5210	42		16.00
802.11be HE80	996T 67	5210	42		16.00
802.11ax HE160	26T L	5250	50		14.00
802.11ax HE160	26T H	5250	50		14.00
802.11ax HE160	52T L	5250	50		14.00
802.11ax HE160	52T H	5250	50		14.00
802.11ax HE160	106T L	5250	50		16.00
802.11ax HE160	106T H	5250	50		16.00
802.11ax HE160	242T L	5250	50		15.00
802.11ax HE160	242T H	5250	50		15.00
802.11ax HE160	484T L	5250	50		15.00
802.11ax HE160	484T H	5250	50		15.00
802.11ax HE160	996T L	5250	50		15.00
802.11ax HE160	996T H	5250	50		15.00
802.11ax HE160	1992T LH	5250	50		15.00
802.11be HE160	26T L	5250	50		10.00
802.11be HE160	26T H	5250	50		10.00
802.11be HE160	52T L	5250	50		15.00
802.11be HE160	52T H	5250	50		14.00
802.11be HE160	106T L	5250	50		16.00
802.11be HE160	106T H	5250	50		16.00
802.11be HE160	242T L	5250	50		15.00
802.11be HE160	242T H	5250	50		15.00
802.11be HE160	484T L	5250	50		15.00
802.11be HE160	484T H	5250	50		15.00
802.11be HE160	996T L	5250	50		15.00
802.11be HE160	996T H	5250	50		15.00
802.11be HE160	1992T LH	5250	50		15.00
802.11be HE160	484+996	5250	50		15.00
802.11be HE160	242+484+996	5250	50		15.00

WLAN5.2G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11n HT20	NA	5180	36	15.42	16.00
		5200	40	**15.56**	17.00
		5220	44	15.39	16.00
		5240	48	14.47	15.00
802.11ac VHT20	NA	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11n HT40	NA	5190	38		16.00
		5230	46		16.00
802.11ac VHT40	NA	5190	38		16.00
		5230	46		16.00
802.11ac VHT80	NA	5210	42		16.00
802.11ac VHT160	NA	5250	50		16.00
802.11ax HE20	26T 0	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 4	5180	36		15.00
		5220	44		15.00
		5240	48		15.00
802.11ax HE20	26T 8	5180	36		15.00
		5220	44		16.00
		5240	48		15.00
802.11ax HE20	52T 37	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	52T 39	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	52T 40	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	106T 53	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	106T 54	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE20	242T 61	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	26T 0	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 4	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	26T 8	5180	36		10.00
		5220	44		10.00
		5240	48		10.00
802.11be HE20	52T 37	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	52T 39	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	52T 40	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	106T 53	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	106T 54	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11be HE20	242T 61	5180	36		16.00
		5220	44		16.00
		5240	48		16.00
802.11ax HE40	26T 0	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 10	5190	38		15.00
		5230	46		15.00
802.11ax HE40	26T 17	5190	38		15.00
		5230	46		15.00
802.11ax HE40	52T 37	5190	38		16.00
		5230	46		16.00
802.11ax HE40	52T 41	5190	38		16.00
		5230	46		16.00
802.11ax HE40	52T 44	5190	38		16.00
		5230	46		16.00
802.11ax HE40	106T 53	5190	38		16.00
		5230	46		16.00
802.11ax HE40	106T 55	5190	38		16.00
		5230	46		16.00
802.11ax HE40	106T 56	5190	38		16.00
		5230	46		16.00
802.11ax HE40	242T 61	5190	38		16.00
		5230	46		16.00
802.11ax HE40	242T 62	5190	38		16.00
		5230	46		16.00
802.11ax HE40	484T 65	5190	38		16.00
		5230	46		16.00
802.11ax HE80	26T 0	5210	42		14.00
802.11ax HE80	26T 18	5210	42		14.00
802.11ax HE80	26T 36	5210	42		14.00
802.11ax HE80	52T 37	5210	42		16.00
802.11ax HE80	52T 45	5210	42		16.00
802.11ax HE80	52T 52	5210	42		16.00
802.11ax HE80	106T 53	5210	42		16.00
802.11ax HE80	106T 57	5210	42		16.00
802.11ax HE80	106T 60	5210	42		16.00
802.11ax HE80	242T 61	5210	42		16.00
802.11ax HE80	242T 63	5210	42		16.00
802.11ax HE80	242T 64	5210	42		16.00
802.11ax HE80	484T 65	5210	42		16.00
802.11ax HE80	484T 66	5210	42		16.00
802.11ax HE80	996T 67	5210	42		16.00
802.11be HE80	26T 0	5210	42		9.00
802.11be HE80	26T 18	5210	42		10.00
802.11be HE80	26T 4	5210	42		9.00
802.11be HE80	26T 36	5210	42		10.00
802.11be HE80	26T 8	5210	42		10.00
802.11be HE80	52T 37	5210	42		16.00
802.11be HE80	52T 39	5210	42		16.00
802.11be HE80	52T 45	5210	42		16.00
802.11be HE80	52T 40	5210	42		16.00
802.11be HE80	52T 52	5210	42		16.00
802.11be HE80	106T 53	5210	42		16.00
802.11be HE80	106T 54	5210	42		16.00
802.11be HE80	106T 57	5210	42		16.00
802.11be HE80	106T 60	5210	42		16.00
802.11be HE80	242T 61	5210	42		16.00
802.11be HE80	242T 63	5210	42		16.00
802.11be HE80	242T 64	5210	42		16.00
802.11be HE80	484T 65	5210	42		16.00
802.11be HE80	484T 66	5210	42		16.00
802.11be HE80	996T 67	5210	42		16.00
802.11ax HE160	26T L	5250	50		14.00
802.11ax HE160	26T H	5250	50		14.00
802.11ax HE160	52T L	5250	50		14.00
802.11ax HE160	52T H	5250	50		14.00
802.11ax HE160	106T L	5250	50		16.00
802.11ax HE160	106T H	5250	50		16.00
802.11ax HE160	242T L	5250	50		15.00
802.11ax HE160	242T H	5250	50		15.00
802.11ax HE160	484T L	5250	50		15.00
802.11ax HE160	484T H	5250	50		15.00
802.11ax HE160	996T L	5250	50		15.00
802.11ax HE160	996T H	5250	50		15.00
802.11ax HE160	1992T LH	5250	50		15.00
802.11be HE160	26T L	5250	50		10.00
802.11be HE160	26T H	5250	50		10.00
802.11be HE160	52T L	5250	50		14.00
802.11be HE160	52T H	5250	50		14.00
802.11be HE160	106T L	5250	50		16.00
802.11be HE160	106T H	5250	50		16.00
802.11be HE160	242T L	5250	50		15.00
802.11be HE160	242T H	5250	50		15.00
802.11be HE160	484T L	5250	50		15.00
802.11be HE160	484T H	5250	50		15.00
802.11be HE160	996T L	5250	50		15.00
802.11be HE160	996T H	5250	50		15.00
802.11be HE160	1992T LH	5250	50		15.00
802.11be HE160	484+996	5250	50		15.00
802.11be HE160	242+484+996	5250	50		15.00

WLAN5.2G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5180	36		/
		5220	44		/
		5240	48		/
802.11n HT20	NA	5180	36	18.56	20.00
		5200	40	**18.65**	20.00
		5220	44	18.24	19.00
		5240	48	17.70	19.00
802.11ac VHT20	NA	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11n HT40	NA	5190	38		19.00
		5230	46		19.00
802.11ac VHT40	NA	5190	38		19.00
		5230	46		19.00
802.11ac VHT80	NA	5210	42		19.00
802.11ac VHT160	NA	5250	50		19.00
802.11ax HE20	26T 0	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	26T 4	5180	36		18.00
		5220	44		18.00
		5240	48		18.00
802.11ax HE20	26T 8	5180	36		19.00
		5220	44		19.00
		5240	48		18.00
802.11ax HE20	52T 37	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE20	52T 39	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE20	52T 40	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE20	106T 53	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE20	106T 54	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE20	242T 61	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	26T 0	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	26T 4	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	26T 8	5180	36		13.00
		5220	44		13.00
		5240	48		13.00
802.11be HE20	52T 37	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	52T 39	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	52T 40	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	106T 53	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	106T 54	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11be HE20	242T 61	5180	36		19.00
		5220	44		19.00
		5240	48		19.00
802.11ax HE40	26T 0	5190	38		18.00
		5230	46		18.00
802.11ax HE40	26T 10	5190	38		18.00
		5230	46		18.00
802.11ax HE40	26T 17	5190	38		18.00
		5230	46		18.00
802.11ax HE40	52T 37	5190	38		19.00
		5230	46		19.00
802.11ax HE40	52T 41	5190	38		19.00
		5230	46		19.00
802.11ax HE40	52T 44	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 53	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 55	5190	38		19.00
		5230	46		19.00
802.11ax HE40	106T 56	5190	38		19.00
		5230	46		19.00
802.11ax HE40	242T 61	5190	38		19.00
		5230	46		19.00
802.11ax HE40	242T 62	5190	38		19.00
		5230	46		19.00
802.11ax HE40	484T 65	5190	38		19.00
		5230	46		19.00
802.11ax HE80	26T 0	5210	42		17.00
802.11ax HE80	26T 18	5210	42		17.00
802.11ax HE80	26T 36	5210	42		17.00
802.11ax HE80	52T 37	5210	42		19.00
802.11ax HE80	52T 45	5210	42		19.00
802.11ax HE80	52T 52	5210	42		19.00
802.11ax HE80	106T 53	5210	42		19.00
802.11ax HE80	106T 57	5210	42		19.00
802.11ax HE80	106T 60	5210	42		19.00
802.11ax HE80	242T 61	5210	42		19.00
802.11ax HE80	242T 63	5210	42		19.00
802.11ax HE80	242T 64	5210	42		19.00
802.11ax HE80	484T 65	5210	42		19.00
802.11ax HE80	484T 66	5210	42		19.00
802.11ax HE80	996T 67	5210	42		19.00
802.11be HE80	26T 0	5210	42		12.00
802.11be HE80	26T 18	5210	42		13.00
802.11be HE80	26T 4	5210	42		13.00
802.11be HE80	26T 36	5210	42		13.00
802.11be HE80	26T 8	5210	42		12.00
802.11be HE80	52T 37	5210	42		19.00
802.11be HE80	52T 39	5210	42		19.00
802.11be HE80	52T 45	5210	42		19.00
802.11be HE80	52T 40	5210	42		19.00
802.11be HE80	52T 52	5210	42		19.00
802.11be HE80	106T 53	5210	42		19.00
802.11be HE80	106T 54	5210	42		19.00
802.11be HE80	106T 57	5210	42		19.00
802.11be HE80	106T 60	5210	42		19.00
802.11be HE80	242T 61	5210	42		19.00
802.11be HE80	242T 63	5210	42		19.00
802.11be HE80	242T 64	5210	42		19.00
802.11be HE80	484T 65	5210	42		19.00
802.11be HE80	484T 66	5210	42		19.00
802.11be HE80	996T 67	5210	42		19.00
802.11ax HE160	26T L	5250	50		17.00
802.11ax HE160	26T H	5250	50		17.00
802.11ax HE160	52T L	5250	50		17.00
802.11ax HE160	52T H	5250	50		17.00
802.11ax HE160	106T L	5250	50		19.00
802.11ax HE160	106T H	5250	50		19.00
802.11ax HE160	242T L	5250	50		18.00
802.11ax HE160	242T H	5250	50		18.00
802.11ax HE160	484T L	5250	50		18.00
802.11ax HE160	484T H	5250	50		18.00
802.11ax HE160	996T L	5250	50		18.00
802.11ax HE160	996T H	5250	50		18.00
802.11ax HE160	1992T LH	5250	50		18.00
802.11be HE160	26T L	5250	50		13.00
802.11be HE160	26T H	5250	50		13.00
802.11be HE160	52T L	5250	50		17.00
802.11be HE160	52T H	5250	50		17.00
802.11be HE160	106T L	5250	50		19.00
802.11be HE160	106T H	5250	50		19.00
802.11be HE160	242T L	5250	50		18.00
802.11be HE160	242T H	5250	50		19.00
802.11be HE160	484T L	5250	50		18.00
802.11be HE160	484T H	5250	50		18.00
802.11be HE160	996T L	5250	50		18.00
802.11be HE160	996T H	5250	50		18.00
802.11be HE160	1992T LH	5250	50		18.00
802.11be HE160	484+996	5250	50		18.00
802.11be HE160	242+484+996	5250	50		18.00

WLAN DSI8

WLAN5.3G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11n HT20	NA	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ac VHT20	NA	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11n HT40	NA	5270	54		19.00
		5310	62		19.00
802.11ac VHT40	NA	5270	54		19.00
		5310	62		18.00
802.11ac VHT80	NA	5290	58		17.00
802.11ax HE20	26T 0	5260	52		10.00
		5280	56		11.00
		5320	64		11.00
802.11ax HE20	26T 4	5260	52		10.00
		5280	56		10.00
		5320	64		11.00
802.11ax HE20	26T 8	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11ax HE20	52T 37	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11ax HE20	52T 39	5260	52		17.00
		5280	56		17.00
		5320	64		18.00
802.11ax HE20	52T 40	5260	52		18.00
		5280	56		18.00
		5320	64		19.00
802.11ax HE20	106T 53	5260	52	17.62	19.00
		5280	56	17.66	19.00
		5300	60	18.28	19.00
		5320	64	**18.33**	19.00
802.11ax HE20	106T 54	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ax HE20	242T 61	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	26T 0	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 4	5260	52		10.00
		5280	56		10.00
		5320	64		11.00
802.11be HE20	26T 8	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	52T 37	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	52T 39	5260	52		17.00
		5280	56		17.00
		5320	64		18.00
802.11be HE20	52T 40	5260	52		18.00
		5280	56		18.00
		5320	64		19.00
802.11be HE20	106T 53	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	106T 54	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	242T 61	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ax HE40	26T 0	5270	54		14.00
		5310	62		11.00
802.11ax HE40	26T 10	5270	54		15.00
		5310	62		11.00
802.11ax HE40	26T 17	5270	54		14.00
		5310	62		11.00
802.11ax HE40	52T 37	5270	54		17.00
		5310	62		17.00
802.11ax HE40	52T 41	5270	54		18.00
		5310	62		17.00
802.11ax HE40	52T 44	5270	54		17.00
		5310	62		17.00
802.11ax HE40	106T 53	5270	54		19.00
		5310	62		19.00
802.11ax HE40	106T 55	5270	54		19.00
		5310	62		19.00
802.11ax HE40	106T 56	5270	54		19.00
		5310	62		19.00
802.11ax HE40	242T 61	5270	54		17.00
		5310	62		18.00
802.11ax HE40	242T 62	5270	54		18.00
		5310	62		18.00
802.11ax HE40	484T 65	5270	54		18.00
		5310	62		17.00
802.11be HE40	26T 0	5270	54		14.00
		5310	62		11.00
802.11be HE40	26T 10	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 4	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 17	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 8	5270	54		14.00
		5310	62		14.00
802.11be HE40	52T 37	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 39	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 41	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 40	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 44	5270	54		17.00
		5310	62		17.00
802.11be HE40	106T 53	5270	54		19.00
		5310	62		19.00
802.11be HE40	106T 54	5270	54		18.00
		5310	62		19.00
802.11be HE40	106T 55	5270	54		19.00
		5310	62		19.00
802.11be HE40	106T 56	5270	54		18.00
		5310	62		18.00
802.11be HE40	242T 61	5270	54		17.00
		5310	62		18.00
802.11be HE40	242T 62	5270	54		18.00
		5310	62		18.00
802.11be HE40	484T 65	5270	54		18.00
		5310	62		17.00
802.11ax HE80	26T 0	5290	58		11.00
802.11ax HE80	26T 18	5290	58		11.00
802.11ax HE80	26T 36	5290	58		11.00
802.11ax HE80	52T 37	5290	58		17.00
802.11ax HE80	52T 45	5290	58		17.00
802.11ax HE80	52T 52	5290	58		17.00
802.11ax HE80	106T 53	5290	58		19.00
802.11ax HE80	106T 57	5290	58		19.00
802.11ax HE80	106T 60	5290	58		18.00
802.11ax HE80	242T 61	5290	58		16.00
802.11ax HE80	242T 63	5290	58		17.00
802.11ax HE80	242T 64	5290	58		17.00
802.11ax HE80	484T 65	5290	58		16.00
802.11ax HE80	484T 66	5290	58		16.00
802.11ax HE80	996T 67	5290	58		16.00
802.11be HE80	26T 0	5290	58		10.00
802.11be HE80	26T 18	5290	58		10.00
802.11be HE80	26T 4	5290	58		11.00
802.11be HE80	26T 36	5290	58		10.00
802.11be HE80	26T 8	5290	58		10.00
802.11be HE80	52T 37	5290	58		17.00
802.11be HE80	52T 39	5290	58		17.00
802.11be HE80	52T 45	5290	58		17.00
802.11be HE80	52T 40	5290	58		17.00
802.11be HE80	52T 52	5290	58		17.00
802.11be HE80	106T 53	5290	58		19.00
802.11be HE80	106T 54	5290	58		18.00
802.11be HE80	106T 57	5290	58		18.00
802.11be HE80	106T 60	5290	58		19.00
802.11be HE80	242T 61	5290	58		16.00
802.11be HE80	242T 63	5290	58		16.00
802.11be HE80	242T 64	5290	58		16.00
802.11be HE80	484T 65	5290	58		16.00
802.11be HE80	484T 66	5290	58		16.00
802.11be HE80	996T 67	5290	58		16.00

WLAN5.3G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11n HT20	NA	5260	52		19.00
		5280	56		18.00
		5320	64		18.00
802.11ac VHT20	NA	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11n HT40	NA	5270	54		18.00
		5310	62		18.00
802.11ac VHT40	NA	5270	54		18.00
		5310	62		18.00
802.11ac VHT80	NA	5290	58		17.00
802.11ax HE20	26T 0	5260	52		10.00
		5280	56		10.00
		5320	64		10.00
802.11ax HE20	26T 4	5260	52		11.00
		5280	56		11.00
		5320	64		10.00
802.11ax HE20	26T 8	5260	52		10.00
		5280	56		11.00
		5320	64		10.00
802.11ax HE20	52T 37	5260	52		18.00
		5280	56		18.00
		5320	64		17.00
802.11ax HE20	52T 39	5260	52		18.00
		5280	56		18.00
		5320	64		17.00
802.11ax HE20	52T 40	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11ax HE20	106T 53	5260	52	17.83	19.00
		5280	56	17.92	19.00
		5300	60	18.21	19.00
		5320	64	**18.26**	19.00
802.11ax HE20	106T 54	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ax HE20	242T 61	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	26T 0	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 4	5260	52		11.00
		5280	56		11.00
		5320	64		11.00
802.11be HE20	26T 8	5260	52		10.00
		5280	56		10.00
		5320	64		10.00
802.11be HE20	52T 37	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	52T 39	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	52T 40	5260	52		18.00
		5280	56		18.00
		5320	64		18.00
802.11be HE20	106T 53	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	106T 54	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11be HE20	242T 61	5260	52		19.00
		5280	56		19.00
		5320	64		19.00
802.11ax HE40	26T 0	5270	54		15.00
		5310	62		10.00
802.11ax HE40	26T 10	5270	54		15.00
		5310	62		10.00
802.11ax HE40	26T 17	5270	54		14.00
		5310	62		11.00
802.11ax HE40	52T 37	5270	54		17.00
		5310	62		17.00
802.11ax HE40	52T 41	5270	54		17.00
		5310	62		17.00
802.11ax HE40	52T 44	5270	54		17.00
		5310	62		17.00
802.11ax HE40	106T 53	5270	54		18.00
		5310	62		18.00
802.11ax HE40	106T 55	5270	54		19.00
		5310	62		19.00
802.11ax HE40	106T 56	5270	54		18.00
		5310	62		19.00
802.11ax HE40	242T 61	5270	54		17.00
		5310	62		17.00
802.11ax HE40	242T 62	5270	54		17.00
		5310	62		17.00
802.11ax HE40	484T 65	5270	54		17.00
		5310	62		17.00
802.11be HE40	26T 0	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 10	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 4	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 17	5270	54		15.00
		5310	62		11.00
802.11be HE40	26T 8	5270	54		14.00
		5310	62		14.00
802.11be HE40	52T 37	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 39	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 41	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 40	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 44	5270	54		17.00
		5310	62		17.00
802.11be HE40	106T 53	5270	54		18.00
		5310	62		18.00
802.11be HE40	106T 54	5270	54		19.00
		5310	62		19.00
802.11be HE40	106T 55	5270	54		19.00
		5310	62		18.00
802.11be HE40	106T 56	5270	54		18.00
		5310	62		18.00
802.11be HE40	242T 61	5270	54		17.00
		5310	62		17.00
802.11be HE40	242T 62	5270	54		17.00
		5310	62		17.00
802.11be HE40	484T 65	5270	54		17.00
		5310	62		17.00
802.11ax HE80	26T 0	5290	58		11.00
802.11ax HE80	26T 18	5290	58		11.00
802.11ax HE80	26T 36	5290	58		11.00
802.11ax HE80	52T 37	5290	58		17.00
802.11ax HE80	52T 45	5290	58		17.00
802.11ax HE80	52T 52	5290	58		17.00
802.11ax HE80	106T 53	5290	58		18.00
802.11ax HE80	106T 57	5290	58		18.00
802.11ax HE80	106T 60	5290	58		19.00
802.11ax HE80	242T 61	5290	58		16.00
802.11ax HE80	242T 63	5290	58		17.00
802.11ax HE80	242T 64	5290	58		17.00
802.11ax HE80	484T 65	5290	58		16.00
802.11ax HE80	484T 66	5290	58		16.00
802.11ax HE80	996T 67	5290	58		16.00
802.11be HE80	26T 0	5290	58		10.00
802.11be HE80	26T 18	5290	58		10.00
802.11be HE80	26T 4	5290	58		10.00
802.11be HE80	26T 36	5290	58		10.00
802.11be HE80	26T 8	5290	58		11.00
802.11be HE80	52T 37	5290	58		17.00
802.11be HE80	52T 39	5290	58		17.00
802.11be HE80	52T 45	5290	58		17.00
802.11be HE80	52T 40	5290	58		18.00
802.11be HE80	52T 52	5290	58		18.00
802.11be HE80	106T 53	5290	58		18.00
802.11be HE80	106T 54	5290	58		19.00
802.11be HE80	106T 57	5290	58		19.00
802.11be HE80	106T 60	5290	58		18.00
802.11be HE80	242T 61	5290	58		16.00
802.11be HE80	242T 63	5290	58		16.00
802.11be HE80	242T 64	5290	58		16.00
802.11be HE80	484T 65	5290	58		16.00
802.11be HE80	484T 66	5290	58		16.00
802.11be HE80	996T 67	5290	58		16.00

WLAN5.3G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5260	52		/
		5280	56		/
		5320	64		/
802.11n HT20	NA	5260	52		22.00
		5280	56		22.00
		5320	64		22.00
802.11ac VHT20	NA	5260	52		22.00
		5280	56		22.00
		5320	64		21.00
802.11n HT40	NA	5270	54		21.00
		5310	62		21.00
802.11ac VHT40	NA	5270	54		21.00
		5310	62		21.00
802.11ac VHT80	NA	5290	58		20.00
802.11ax HE20	26T 0	5260	52		13.00
		5280	56		13.00
		5320	64		14.00
802.11ax HE20	26T 4	5260	52		13.00
		5280	56		14.00
		5320	64		14.00
802.11ax HE20	26T 8	5260	52		14.00
		5280	56		14.00
		5320	64		14.00
802.11ax HE20	52T 37	5260	52		21.00
		5280	56		21.00
		5320	64		20.00
802.11ax HE20	52T 39	5260	52		21.00
		5280	56		21.00
		5320	64		21.00
802.11ax HE20	52T 40	5260	52		21.00
		5280	56		21.00
		5320	64		21.00
802.11ax HE20	106T 53	5260	52	20.74	22.00
		5280	56	20.80	22.00
		5300	60	21.26	22.00
		5320	64	**21.31**	22.00
802.11ax HE20	106T 54	5260	52		22.00
		5280	56		22.00
		5320	64		22.00
802.11ax HE20	242T 61	5260	52		22.00
		5280	56		22.00
		5320	64		22.00
802.11be HE20	26T 0	5260	52		14.00
		5280	56		14.00
		5320	64		14.00
802.11be HE20	26T 4	5260	52		13.00
		5280	56		13.00
		5320	64		14.00
802.11be HE20	26T 8	5260	52		14.00
		5280	56		14.00
		5320	64		14.00
802.11be HE20	52T 37	5260	52		21.00
		5280	56		21.00
		5320	64		21.00
802.11be HE20	52T 39	5260	52		21.00
		5280	56		21.00
		5320	64		21.00
802.11be HE20	106T 54	5260	52		22.00
		5280	56		22.00
		5320	64		22.00
802.11be HE20	242T 61	5260	52		22.00
		5280	56		22.00
		5320	64		22.00
802.11ax HE40	26T 0	5270	54		18.00
		5310	62		13.00
802.11ax HE40	26T 10	5270	54		18.00
		5310	62		14.00
802.11ax HE40	26T 17	5270	54		17.00
		5310	62		14.00
802.11ax HE40	52T 37	5270	54		20.00
		5310	62		20.00
802.11ax HE40	52T 41	5270	54		20.00
		5310	62		20.00
802.11ax HE40	52T 44	5270	54		20.00
		5310	62		20.00
802.11ax HE40	106T 53	5270	54		22.00
		5310	62		22.00
802.11ax HE40	106T 55	5270	54		22.00
		5310	62		22.00
802.11ax HE40	106T 56	5270	54		22.00
		5310	62		22.00
802.11ax HE40	242T 61	5270	54		20.00
		5310	62		21.00
802.11ax HE40	242T 62	5270	54		21.00
		5310	62		20.00
802.11ax HE40	484T 65	5270	54		20.00
		5310	62		20.00
802.11be HE40	26T 0	5270	54		18.00
		5310	62		14.00
802.11be HE40	26T 10	5270	54		18.00
		5310	62		14.00
802.11be HE40	26T 4	5270	54		18.00
		5310	62		14.00
802.11be HE40	26T 17	5270	54		18.00
		5310	62		14.00
802.11be HE40	26T 8	5270	54		17.00
		5310	62		17.00
802.11be HE40	52T 37	5270	54		20.00
		5310	62		20.00
802.11be HE40	52T 39	5270	54		20.00
		5310	62		20.00
802.11be HE40	52T 41	5270	54		20.00
		5310	62		20.00
802.11be HE40	52T 40	5270	54		20.00
		5310	62		20.00
802.11be HE40	52T 44	5270	54		20.00
		5310	62		20.00
802.11be HE40	106T 53	5270	54		22.00
		5310	62		22.00
802.11be HE40	106T 54	5270	54		21.00
		5310	62		22.00
802.11be HE40	106T 55	5270	54		22.00
		5310	62		21.00
802.11be HE40	106T 56	5270	54		21.00
		5310	62		21.00
802.11be HE40	242T 61	5270	54		20.00
		5310	62		21.00
802.11be HE40	242T 62	5270	54		21.00
		5310	62		21.00
802.11be HE40	484T 65	5270	54		20.00
		5310	62		20.00
802.11ax HE80	26T 0	5290	58		14.00
802.11ax HE80	26T 18	5290	58		14.00
802.11ax HE80	26T 36	5290	58		14.00
802.11ax HE80	52T 37	5290	58		20.00
802.11ax HE80	52T 45	5290	58		20.00
802.11ax HE80	52T 52	5290	58		20.00
802.11ax HE80	106T 53	5290	58		21.00
802.11ax HE80	106T 57	5290	58		21.00
802.11ax HE80	106T 60	5290	58		22.00
802.11ax HE80	242T 61	5290	58		19.00
802.11ax HE80	242T 63	5290	58		20.00
802.11ax HE80	242T 64	5290	58		20.00
802.11ax HE80	484T 65	5290	58		19.00
802.11ax HE80	484T 66	5290	58		19.00
802.11ax HE80	996T 67	5290	58		19.00
802.11be HE80	26T 0	5290	58		13.00
802.11be HE80	26T 18	5290	58		13.00
802.11be HE80	26T 4	5290	58		14.00
802.11be HE80	26T 36	5290	58		13.00
802.11be HE80	26T 8	5290	58		13.00
802.11be HE80	52T 37	5290	58		20.00
802.11be HE80	52T 39	5290	58		20.00
802.11be HE80	52T 45	5290	58		20.00
802.11be HE80	52T 40	5290	58		21.00
802.11be HE80	52T 52	5290	58		21.00
802.11be HE80	106T 53	5290	58		21.00
802.11be HE80	106T 54	5290	58		21.00
802.11be HE80	106T 57	5290	58		22.00
802.11be HE80	106T 60	5290	58		21.00
802.11be HE80	242T 61	5290	58		19.00
802.11be HE80	242T 63	5290	58		19.00
802.11be HE80	242T 64	5290	58		19.00
802.11be HE80	484T 65	5290	58		19.00
802.11be HE80	484T 66	5290	58		19.00
802.11be HE80	996T 67	5290	58		19.00

WLAN DSI8

WLAN5.6G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		19.00
		5580	116		20.00
		5700	140		20.00
802.11n HT20	NA	5500	100	**18.85**	20.00
		5580	116	18.84	20.00
		5620	124	18.75	20.00
		5660	132	18.81	20.00
		5700	140	18.83	20.00
		5720	144	18.76	20.00
802.11ac VHT20	NA	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11n HT40	NA	5510	102		18.00
		5590	118		18.00
		5670	134		19.00
802.11ac VHT40	NA	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
802.11ac VHT80	NA	5530	106		17.00
		5610	122		17.00
802.11ac VHT160	NA	5570	114		16.00
802.11ax HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
	26T 4	5500	100		9.00
		5580	116		9.00
		5700	140		10.00
	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
	52T 37	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
	52T 39	5500	100		18.00
		5580	116		18.00
		5700	140		18.00
	52T 40	5500	100		18.00
		5580	116		18.00
		5700	140		18.00
	106T 53	5500	100		19.00
		5580	116		19.00
		5700	140		20.00
	106T 54	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
	242T 61	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11ax HE40	26T 0	5510	102		10.00
		5670	134		10.00
	26T 10	5510	102		10.00
		5670	134		10.00
	26T 17	5510	102		10.00
		5670	134		10.00
	52T 37	5510	102		17.00
		5670	134		17.00
	52T 41	5510	102		17.00
		5670	134		17.00
	52T 44	5510	102		19.00
		5670	134		19.00
	106T 53	5510	102		19.00
		5670	134		19.00
	106T 55	5510	102		19.00
		5670	134		19.00
	106T 56	5510	102		19.00
		5670	134		19.00
	242T 61	5510	102		18.00
		5670	134		18.00
	242T 62	5510	102		18.00
		5670	134		18.00
	484T 65	5510	102		17.00
		5670	134		17.00
802.11be HE40	26T 0	5510	102		14.00
		5670	134		14.00
	26T 10	5510	102		15.00
		5670	134		15.00
	26T 4	5590	118		14.00
		5670	134		15.00
	26T 17	5510	102		15.00
		5670	134		14.00
	26T 8	5510	102		14.00
		5590	118		14.00
		5670	134		14.00
	52T 37	5510	102		17.00
		5670	134		17.00
	52T 39	5510	102		17.00
		5590	118		17.00
		5670	134		17.00
	52T 41	5510	102		17.00
		5670	134		17.00
	52T 40	5510	102		17.00
		5590	118		18.00
		5670	134		18.00
	52T 44	5510	102		18.00
		5670	134		18.00
	106T 53	5510	102		19.00
		5670	134		19.00
	106T 54	5510	102		19.00
		5590	118		19.00
		5670	134		19.00
	106T 55	5510	102		19.00
		5670	134		19.00
	106T 56	5510	102		19.00
		5670	134		19.00
	242T 61	5510	102		18.00
		5670	134		18.00
	242T 62	5510	102		18.00
		5670	134		18.00
	484T 65	5510	102		17.00
		5670	134		17.00
802.11ax HE80	26T 0	5530	106		14.00
		5610	122		14.00
	26T 18	5530	106		14.00
		5610	122		14.00
	26T 36	5530	106		14.00
		5610	122		14.00
	52T 37	5530	106		17.00
		5610	122		17.00
	52T 45	5530	106		18.00
		5610	122		18.00
	52T 52	5530	106		18.00
		5610	122		18.00
	106T 53	5530	106		19.00
		5610	122		19.00
	106T 57	5530	106		19.00
		5610	122		19.00
	106T 60	5530	106		19.00
		5610	122		19.00
	242T 61	5530	106		17.00
		5610	122		17.00
	242T 63	5530	106		17.00
		5610	122		17.00
	242T 64	5530	106		17.00
		5610	122		17.00
	484T 65	5530	106		17.00
		5610	122		17.00
	484T 66	5530	106		17.00
		5610	122		17.00
	996T 67	5530	106		17.00
		5610	122		17.00
802.11ax HE160	26T L	5570	114		13.00
802.11ax HE160	26T H	5570	114		14.00
802.11ax HE160	52T L	5570	114		17.00
802.11ax HE160	52T H	5570	114		17.00
802.11ax HE160	106T L	5570	114		18.00
802.11ax HE160	106T H	5570	114		18.00
802.11ax HE160	242T L	5570	114		15.00
802.11ax HE160	242T H	5570	114		15.00
802.11ax HE160	484T L	5570	114		15.00
802.11ax HE160	484T H	5570	114		15.00
802.11ax HE160	996T L	5570	114		15.00
802.11ax HE160	996T H	5570	114		15.00
802.11ax HE160	1992T LH	5570	114		15.00
802.11ax HE160	484+996	5570	114		15.00
802.11ax HE160	242+484+996	5570	114		15.00
802.11be HE160	26T L	5570	114		13.00
802.11be HE160	26T H	5570	114		14.00
802.11be HE160	52T L	5570	114		17.00
802.11be HE160	52T H	5570	114		17.00
802.11be HE160	106T L	5570	114		18.00
802.11be HE160	106T H	5570	114		18.00
802.11be HE160	242T L	5570	114		15.00
802.11be HE160	242T H	5570	114		15.00
802.11be HE160	484T L	5570	114		15.00
802.11be HE160	484T H	5570	114		15.00
802.11be HE160	996T L	5570	114		15.00
802.11be HE160	996T H	5570	114		15.00
802.11be HE160	1992T LH	5570	114		15.00
802.11be HE160	484+996	5570	114		15.00
802.11be HE160	242+484+996	5570	114		15.00

WLAN5.6G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		19.00
		5580	116		19.00
		5700	140		20.00
802.11n HT20	NA	5500	100	18.64	20.00
		5580	116	18.44	19.00
		5620	124	18.52	20.00
		5660	132	18.49	19.00
		5700	140	**18.76**	20.00
		5720	144	18.68	20.00
802.11ac VHT20	NA	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11n HT40	NA	5510	102		18.00
		5590	118		18.00
		5670	134		18.00
802.11ac VHT40	NA	5510	102		18.00
		5590	118		18.00
		5670	134		18.00
802.11ac VHT80	NA	5530	106		18.00
		5610	122		18.00
802.11ac VHT160	NA	5570	114		16.00
802.11ax HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
	26T 4	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
	52T 37	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
	52T 39	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
	52T 40	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
	106T 53	5500	100		20.00
		5580	116		20.00
		5700	140		20.00
	106T 54	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
	242T 61	5500	100		20.00
		5580	116		20.00
		5700	140		19.00
802.11be HE20	26T 0	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
	26T 4	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
	26T 8	5500	100		10.00
		5580	116		10.00
		5700	140		10.00
	52T 37	5500	100		19.00
		5580	116		19.00
		5700	140		18.00
	52T 39	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
	52T 40	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
	106T 53	5500	100		20.00
		5580	116		20.00
		5700	140		20.00
	106T 54	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
	242T 61	5500	100		19.00
		5580	116		19.00
		5700	140		19.00
802.11be HE40	26T 0	5510	102		10.00
		5670	134		10.00
	26T 10	5510	102		10.00
		5670	134		10.00
	26T 17	5510	102		11.00
		5670	134		10.00
	52T 37	5510	102		18.00
		5670	134		18.00
	52T 41	5510	102		17.00
		5670	134		18.00
	52T 44	5510	102		19.00
		5670	134		19.00
	106T 53	5510	102		19.00
		5670	134		19.00
	106T 55	5510	102		19.00
		5670	134		19.00
	106T 56	5510	102		19.00
		5670	134		19.00
	242T 61	5510	102		18.00
		5670	134		18.00
	242T 62	5510	102		18.00
		5670	134		18.00
	484T 65	5510	102		17.00
		5670	134		17.00
802.11be HE40	26T 0	5510	102		15.00
		5670	134		15.00
	26T 10	5510	102		15.00
		5670	134		15.00
	26T 4	5590	118		14.00
		5670	134		15.00
	26T 17	5510	102		15.00
		5670	134		14.00
	26T 8	5590	118		15.00
		5670	134		14.00
	52T 37	5510	102		17.00
		5670	134		17.00
	52T 39	5590	118		17.00
		5670	134		17.00
	52T 41	5510	102		17.00
		5670	134		17.00
	52T 40	5590	118		17.00
		5670	134		18.00
	52T 44	5510	102		18.00
		5670	134		18.00
	106T 53	5510	102		19.00
		5670	134		19.00
	106T 54	5590	118		19.00
		5670	134		19.00
	106T 55	5510	102		19.00
		5670	134		19.00
	106T 56	5510	102		19.00
		5670	134		19.00
	242T 61	5510	102		18.00
		5670	134		18.00
	242T 62	5510	102		18.00
		5670	134		18.00
	484T 65	5510	102		17.00
		5670	134		17.00
802.11ax HE80	26T 0	5530	106		15.00
		5610	122		15.00
	26T 18	5530	106		15.00
		5610	122		15.00
	26T 36	5530	106		15.00
		5610	122		15.00
	52T 37	5530	106		18.00
		5610	122		18.00
	52T 45	5530	106		18.00
		5610	122		18.00
	52T 52	5530	106		18.00
		5610	122		18.00
	106T 53	5530	106		19.00
		5610	122		19.00
	106T 57	5530	106		19.00
		5610	122		19.00
	106T 60	5530	106		19.00
		5610	122		19.00
	242T 61	5530	106		17.00
		5610	122		17.00
	242T 63	5530	106		17.00
		5610	122		17.00
	242T 64	5530	106		17.00
		5610	122		17.00
	484T 65	5530	106		17.00
		5610	122		17.00
	484T 66	5530	106		17.00
		5610	122		17.00
	996T 67	5530	106		17.00
		5610	122		17.00
802.11ax HE160	26T L	5570	114		14.00
802.11ax HE160	26T H	5570	114		14.00
802.11ax HE160	52T L	5570	114		17.00
802.11ax HE160	52T H	5570	114		17.00
802.11ax HE160	106T L	5570	114		18.00
802.11ax HE160	106T H	5570	114		18.00
802.11ax HE160	242T L	5570	114		15.00
802.11ax HE160	242T H	5570	114		15.00
802.11ax HE160	484T L	5570	114		15.00
802.11ax HE160	484T H	5570	114		15.00
802.11ax HE160	996T L	5570	114		15.00
802.11ax HE160	996T H	5570	114		15.00
802.11ax HE160	1992T LH	5570	114		15.00
802.11ax HE160	484+996	5570	114		15.00
802.11ax HE160	242+484+996	5570	114		15.00
802.11be HE160	26T L	5570	114		14.00
802.11be HE160	26T H	5570	114		14.00
802.11be HE160	52T L	5570	114		17.00
802.11be HE160	52T H	5570	114		17.00
802.11be HE160	106T L	5570	114		18.00
802.11be HE160	106T H	5570	114		18.00
802.11be HE160	242T L	5570	114		15.00
802.11be HE160	242T H	5570	114		15.00
802.11be HE160	484T L	5570	114		15.00
802.11be HE160	484T H	5570	114		15.00
802.11be HE160	996T L	5570	114		15.00
802.11be HE160	996T H	5570	114		15.00
802.11be HE160	1992T LH	5570	114		15.00
802.11be HE160	484+996	5570	114		15.00
802.11be HE160	242+484+996	5570	114		15.00

WLAN5.6G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5500	100		/
		5580	116		/
		5700	140		/
802.11n HT20	NA	5500	100	21.76	23.00
		5580	116	21.65	23.00
		5620	124	21.65	23.00
		5660	132	21.66	23.00
		5700	140	**21.81**	23.00
		5720	144	21.73	23.00
802.11ac VHT20	NA	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
802.11n HT40	NA	5510	102		21.00
		5590	118		21.00
		5670	134		22.00
802.11ac VHT40	NA	5510	102		21.00
		5590	118		22.00
		5670	134		22.00
802.11ac VHT80	NA	5530	106		20.00
		5610	122		20.00
802.11ac VHT160	NA	5570	114		19.00
802.11ax HE20	26T 0	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
	26T 4	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
	26T 8	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
	52T 37	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
	52T 39	5500	100		21.00
		5580	116		21.00
		5700	140		21.00
	52T 40	5500	100		21.00
		5580	116		21.00
		5700	140		21.00
	106T 53	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
	106T 54	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
	242T 61	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
802.11be HE20	26T 0	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
	26T 4	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
	26T 8	5500	100		13.00
		5580	116		13.00
		5700	140		13.00
	52T 37	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
	52T 39	5500	100		21.00
		5580	116		22.00
		5700	140		22.00
	52T 40	5500	100		21.00
		5580	116		21.00
		5700	140		21.00
	106T 53	5500	100		23.00
		5580	116		23.00
		5700	140		23.00
	106T 54	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
	242T 61	5500	100		22.00
		5580	116		22.00
		5700	140		22.00
802.11be HE40	26T 0	5510	102		13.00
		5670	134		13.00
	26T 10	5510	102		13.00
		5670	134		13.00
	26T 17	5510	102		13.00
		5670	134		13.00
	52T 37	5510	102		20.00
		5670	134		21.00
	52T 41	5510	102		20.00
		5670	134		20.00
	52T 44	5510	102		22.00
		5670	134		22.00
	106T 53	5510	102		22.00
		5670	134		22.00
	106T 55	5510	102		22.00
		5670	134		22.00
	106T 56	5510	102		22.00
		5670	134		22.00
	242T 61	5510	102		21.00
		5670	134		21.00
	242T 62	5510	102		21.00
		5670	134		21.00
	484T 65	5510	102		20.00
		5670	134		20.00
802.11be HE40	26T 0	5510	102		18.00
		5670	134		18.00
	26T 10	5510	102		18.00
		5670	134		18.00
	26T 4	5590	118		17.00
		5670	134		18.00
	26T 17	5510	102		18.00
		5670	134		17.00
	26T 8	5590	118		17.00
		5670	134		17.00
	52T 37	5510	102		20.00
		5670	134		20.00
	52T 39	5590	118		20.00
		5670	134		20.00
	52T 41	5510	102		20.00
		5670	134		20.00
	52T 40	5590	118		20.00
		5670	134		21.00
	52T 44	5510	102		21.00
		5670	134		21.00
	106T 53	5510	102		22.00
		5670	134		22.00
	106T 54	5590	118		22.00
		5670	134		22.00
	106T 55	5510	102		22.00
		5670	134		22.00
	106T 56	5510	102		22.00
		5670	134		22.00
	242T 61	5510	102		21.00
		5670	134		21.00
	242T 62	5510	102		21.00
		5670	134		21.00
	484T 65	5510	102		20.00
		5670	134		20.00
802.11ax HE80	26T 0	5530	106		17.00
		5610	122		17.00
	26T 18	5530	106		17.00
		5610	122		17.00
	26T 36	5530	106		17.00
		5610	122		18.00
	52T 37	5530	106		21.00
		5610	122		20.00
	52T 45	5530	106		21.00
		5610	122		21.00
	52T 52	5530	106		21.00
		5610	122		21.00
	106T 53	5530	106		22.00
		5610	122		22.00
	106T 57	5530	106		22.00
		5610	122		22.00
	106T 60	5530	106		22.00
		5610	122		22.00
	242T 61	5530	106		20.00
		5610	122		20.00
	242T 63	5530	106		20.00
		5610	122		20.00
	242T 64	5530	106		20.00
		5610	122		20.00
	484T 65	5530	106		20.00
		5610	122		20.00
	484T 66	5530	106		20.00
		5610	122		20.00
	996T 67	5530	106		20.00
		5610	122		20.00
802.11ax HE160	26T L	5570	114		16.00
802.11ax HE160	26T H	5570	114		17.00
802.11ax HE160	52T L	5570	114		20.00
802.11ax HE160	52T H	5570	114		20.00
802.11ax HE160	106T L	5570	114		21.00
802.11ax HE160	106T H	5570	114		21.00
802.11ax HE160	242T L	5570	114		18.00
802.11ax HE160	242T H	5570	114		18.00
802.11ax HE160	484T L	5570	114		18.00
802.11ax HE160	484T H	5570	114		18.00
802.11ax HE160	996T L	5570	114		18.00
802.11ax HE160	996T H	5570	114		18.00
802.11ax HE160	1992T LH	5570	114		18.00
802.11ax HE160	484+996	5570	114		18.00
802.11ax HE160	242+484+996	5570	114		18.00

WLAN DSI8

WLAN5.8G Ant13					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		14.00
	NA	5785	157		14.00
	NA	5825	165		14.00
802.11n HT20	NA	5745	149		14.00
	NA	5785	157		14.00
	NA	5825	165		14.00
802.11ac VHT20	NA	5745	149		14.00
	NA	5785	157		14.00
	NA	5825	165		14.00
802.11n HT40	NA	5755	151		14.00
	NA	5795	159		14.00
802.11ac VHT40	NA	5755	151		14.00
	NA	5795	159		14.00
802.11ac VHT80	NA	5775	155		14.00
802.11ax HE20	26T 0	5745	149		14.00
	26T 0	5785	157		14.00
	26T 0	5825	165		14.00
802.11ax HE20	26T 4	5745	149		14.00
	26T 4	5785	157		14.00
	26T 4	5825	165		14.00
802.11ax HE20	26T 8	5745	149		14.00
	26T 8	5785	157		14.00
	26T 8	5825	165		14.00
802.11ax HE20	52T 37	5745	149		14.00
	52T 37	5785	157		14.00
	52T 37	5825	165		14.00
802.11ax HE20	52T 39	5745	149		14.00
	52T 39	5785	157		14.00
	52T 39	5825	165		14.00
802.11ax HE20	52T 40	5745	149		14.00
	52T 40	5785	157		14.00
	52T 40	5825	165		14.00
802.11ax HE20	106T 53	5745	149		14.00
	106T 53	5785	157		14.00
	106T 53	5825	165		14.00
802.11ax HE20	106T 54	5745	149		14.00
	106T 54	5785	157		14.00
	106T 54	5825	165		14.00
802.11ax HE20	242T 61	5745	149		14.00
	242T 61	5785	157		14.00
	242T 61	5825	165		14.00
802.11be HE20	26T 0	5745	149		14.00
	26T 0	5785	157		14.00
	26T 0	5825	165		14.00
802.11be HE20	26T 4	5745	149		14.00
	26T 4	5785	157		14.00
	26T 4	5825	165		14.00
802.11be HE20	26T 8	5745	149		14.00
	26T 8	5785	157		14.00
	26T 8	5825	165		14.00
802.11be HE20	52T 37	5745	149		14.00
	52T 37	5785	157		14.00
	52T 37	5825	165		14.00
802.11be HE20	52T 39	5745	149		14.00
	52T 39	5785	157		14.00
	52T 39	5825	165		14.00
802.11be HE20	52T 40	5745	149		14.00
	52T 40	5785	157		14.00
	52T 40	5825	165		14.00
802.11be HE20	106T 53	5745	149	13.07	14.00
	106T 53	5785	157	**13.11**	14.00
	106T 53	5825	165	12.97	14.00
802.11be HE20	106T 54	5745	149		14.00
	106T 54	5785	157		14.00
	106T 54	5825	165		14.00
802.11be HE20	242T 61	5745	149		14.00
	242T 61	5785	157		14.00
	242T 61	5825	165		14.00
802.11ax HE40	26T 0	5755	151		14.00
	26T 0	5795	159		14.00
802.11ax HE40	26T 10	5755	151		14.00
	26T 10	5795	159		14.00
802.11ax HE40	26T 17	5755	151		14.00
	26T 17	5795	159		14.00
802.11ax HE40	52T 37	5755	151		14.00
	52T 37	5795	159		14.00
802.11ax HE40	52T 41	5755	151		14.00
	52T 41	5795	159		14.00
802.11ax HE40	52T 44	5755	151		14.00
	52T 44	5795	159		14.00
802.11ax HE40	106T 53	5755	151		14.00
	106T 53	5795	159		14.00
802.11ax HE40	106T 55	5755	151		14.00
	106T 55	5795	159		14.00
802.11ax HE40	106T 56	5755	151		14.00
	106T 56	5795	159		14.00
802.11ax HE40	242T 61	5755	151		14.00
	242T 61	5795	159		14.00
802.11ax HE40	242T 62	5755	151		14.00
	242T 62	5795	159		14.00
802.11ax HE40	484T 65	5755	151		14.00
	484T 65	5795	159		14.00
802.11be HE40	26T 0	5755	151		14.00
	26T 0	5795	159		14.00
802.11be HE40	26T 10	5755	151		14.00
	26T 10	5795	159		14.00
802.11be HE40	26T 4	5755	151		14.00
	26T 4	5795	159		14.00
802.11be HE40	26T 17	5755	151		14.00
	26T 17	5795	159		14.00
802.11be HE40	26T 8	5755	151		14.00
	26T 8	5795	159		14.00
802.11be HE40	52T 37	5755	151		14.00
	52T 37	5795	159		14.00
802.11be HE40	52T 39	5755	151		14.00
	52T 39	5795	159		14.00
802.11be HE40	52T 41	5755	151		14.00
	52T 41	5795	159		14.00
802.11be HE40	52T 40	5755	151		14.00
	52T 40	5795	159		14.00
802.11be HE40	52T 44	5755	151		14.00
	52T 44	5795	159		14.00
802.11be HE40	106T 53	5755	151		14.00
	106T 53	5795	159		14.00
802.11be HE40	106T 54	5755	151		14.00
	106T 54	5795	159		14.00
802.11be HE40	106T 55	5755	151		14.00
	106T 55	5795	159		14.00
802.11be HE40	106T 56	5755	151		14.00
	106T 56	5795	159		14.00
802.11be HE40	242T 61	5755	151		14.00
	242T 61	5795	159		14.00
802.11be HE40	242T 62	5755	151		14.00
	242T 62	5795	159		14.00
802.11be HE40	484T 65	5755	151		14.00
	484T 65	5795	159		14.00
802.11ax HE80	26T 0	5775	155		14.00
802.11ax HE80	26T 18	5775	155		14.00
802.11ax HE80	26T 36	5775	155		14.00
802.11ax HE80	52T 37	5775	155		14.00
802.11ax HE80	52T 45	5775	155		14.00
802.11ax HE80	52T 52	5775	155		14.00
802.11ax HE80	106T 53	5775	155		14.00
802.11ax HE80	106T 57	5775	155		14.00
802.11ax HE80	106T 60	5775	155		14.00
802.11ax HE80	242T 61	5775	155		14.00
802.11ax HE80	242T 63	5775	155		14.00
802.11ax HE80	242T 64	5775	155		14.00
802.11ax HE80	484T 65	5775	155		14.00
802.11ax HE80	484T 66	5775	155		14.00
802.11ax HE80	996T 67	5775	155		14.00
802.11be HE80	26T 0	5775	155		14.00
802.11be HE80	26T 18	5775	155		14.00
802.11be HE80	26T 4	5775	155		14.00
802.11be HE80	26T 36	5775	155		14.00
802.11be HE80	26T 8	5775	155		14.00
802.11be HE80	52T 37	5775	155		14.00
802.11be HE80	52T 39	5775	155		14.00
802.11be HE80	52T 45	5775	155		14.00
802.11be HE80	52T 40	5775	155		14.00
802.11be HE80	52T 52	5775	155		14.00
802.11be HE80	106T 53	5775	155		14.00
802.11be HE80	106T 54	5775	155		14.00
802.11be HE80	106T 57	5775	155		14.00
802.11be HE80	106T 60	5775	155		14.00
802.11be HE80	242T 61	5775	155		14.00
802.11be HE80	242T 63	5775	155		14.00
802.11be HE80	242T 64	5775	155		14.00
802.11be HE80	484T 65	5775	155		14.00
802.11be HE80	484T 66	5775	155		14.00
802.11be HE80	996T 67	5775	155		14.00

WLAN5.8G Ant12					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		14.00
	NA	5785	157		14.00
	NA	5825	165		14.00
802.11n HT20	NA	5745	149		14.00
	NA	5785	157		14.00
	NA	5825	165		14.00
802.11ac VHT20	NA	5745	149		14.00
	NA	5785	157		14.00
	NA	5825	165		14.00
802.11n HT40	NA	5755	151		14.00
	NA	5795	159		14.00
802.11ac VHT40	NA	5755	151		14.00
	NA	5795	159		14.00
802.11ac VHT80	NA	5775	155		14.00
802.11ax HE20	26T 0	5745	149		14.00
	26T 0	5785	157		14.00
	26T 0	5825	165		14.00
802.11ax HE20	26T 4	5745	149		14.00
	26T 4	5785	157		14.00
	26T 4	5825	165		14.00
802.11ax HE20	26T 8	5745	149		14.00
	26T 8	5785	157		14.00
	26T 8	5825	165		14.00
802.11ax HE20	52T 37	5745	149		14.00
	52T 37	5785	157		14.00
	52T 37	5825	165		14.00
802.11ax HE20	52T 39	5745	149		14.00
	52T 39	5785	157		14.00
	52T 39	5825	165		14.00
802.11ax HE20	52T 40	5745	149		14.00
	52T 40	5785	157		14.00
	52T 40	5825	165		14.00
802.11ax HE20	106T 53	5745	149		14.00
	106T 53	5785	157		14.00
	106T 53	5825	165		14.00
802.11ax HE20	106T 54	5745	149		14.00
	106T 54	5785	157		14.00
	106T 54	5825	165		14.00
802.11ax HE20	242T 61	5745	149		14.00
	242T 61	5785	157		14.00
	242T 61	5825	165		14.00
802.11be HE20	26T 0	5745	149		14.00
	26T 0	5785	157		14.00
	26T 0	5825	165		14.00
802.11be HE20	26T 4	5745	149		14.00
	26T 4	5785	157		14.00
	26T 4	5825	165		14.00
802.11be HE20	26T 8	5745	149		14.00
	26T 8	5785	157		14.00
	26T 8	5825	165		14.00
802.11be HE20	52T 37	5745	149		14.00
	52T 37	5785	157		14.00
	52T 37	5825	165		14.00
802.11be HE20	52T 39	5745	149		14.00
	52T 39	5785	157		14.00
	52T 39	5825	165		14.00
802.11be HE20	52T 40	5745	149		14.00
	52T 40	5785	157		14.00
	52T 40	5825	165		14.00
802.11be HE20	106T 53	5745	149	12.45	13.00
	106T 53	5785	157	**12.56**	14.00
	106T 53	5825	165	12.03	13.00
802.11be HE20	106T 54	5745	149		14.00
	106T 54	5785	157		14.00
	106T 54	5825	165		14.00
802.11be HE20	242T 61	5745	149		14.00
	242T 61	5785	157		14.00
	242T 61	5825	165		14.00
802.11ax HE40	26T 0	5755	151		14.00
	26T 0	5795	159		14.00
802.11ax HE40	26T 10	5755	151		14.00
	26T 10	5795	159		14.00
802.11ax HE40	26T 17	5755	151		14.00
	26T 17	5795	159		14.00
802.11ax HE40	52T 37	5755	151		14.00
	52T 37	5795	159		14.00
802.11ax HE40	52T 41	5755	151		14.00
	52T 41	5795	159		14.00
802.11ax HE40	52T 44	5755	151		14.00
	52T 44	5795	159		14.00
802.11ax HE40	106T 53	5755	151		14.00
	106T 53	5795	159		14.00
802.11ax HE40	106T 55	5755	151		14.00
	106T 55	5795	159		14.00
802.11ax HE40	106T 56	5755	151		14.00
	106T 56	5795	159		14.00
802.11ax HE40	242T 61	5755	151		14.00
	242T 61	5795	159		14.00
802.11ax HE40	242T 62	5755	151		14.00
	242T 62	5795	159		14.00
802.11ax HE40	484T 65	5755	151		14.00
	484T 65	5795	159		14.00
802.11be HE40	26T 0	5755	151		14.00
	26T 0	5795	159		14.00
802.11be HE40	26T 10	5755	151		14.00
	26T 10	5795	159		14.00
802.11be HE40	26T 4	5755	151		14.00
	26T 4	5795	159		14.00
802.11be HE40	26T 17	5755	151		14.00
	26T 17	5795	159		14.00
802.11be HE40	26T 8	5755	151		14.00
	26T 8	5795	159		14.00
802.11be HE40	52T 37	5755	151		14.00
	52T 37	5795	159		14.00
802.11be HE40	52T 39	5755	151		14.00
	52T 39	5795	159		14.00
802.11be HE40	52T 41	5755	151		14.00
	52T 41	5795	159		14.00
802.11be HE40	52T 40	5755	151		14.00
	52T 40	5795	159		14.00
802.11be HE40	52T 44	5755	151		14.00
	52T 44	5795	159		14.00
802.11be HE40	106T 53	5755	151		14.00
	106T 53	5795	159		14.00
802.11be HE40	106T 54	5755	151		14.00
	106T 54	5795	159		14.00
802.11be HE40	106T 55	5755	151		14.00
	106T 55	5795	159		14.00
802.11be HE40	106T 56	5755	151		14.00
	106T 56	5795	159		14.00
802.11be HE40	242T 61	5755	151		14.00
	242T 61	5795	159		14.00
802.11be HE40	242T 62	5755	151		14.00
	242T 62	5795	159		14.00
802.11be HE40	484T 65	5755	151		14.00
	484T 65	5795	159		14.00
802.11ax HE80	26T 0	5775	155		14.00
802.11ax HE80	26T 18	5775	155		14.00
802.11ax HE80	26T 36	5775	155		14.00
802.11ax HE80	52T 37	5775	155		14.00
802.11ax HE80	52T 45	5775	155		14.00
802.11ax HE80	52T 52	5775	155		14.00
802.11ax HE80	106T 53	5775	155		14.00
802.11ax HE80	106T 57	5775	155		14.00
802.11ax HE80	106T 60	5775	155		14.00
802.11ax HE80	242T 61	5775	155		14.00
802.11ax HE80	242T 63	5775	155		14.00
802.11ax HE80	242T 64	5775	155		14.00
802.11ax HE80	484T 65	5775	155		14.00
802.11ax HE80	484T 66	5775	155		14.00
802.11ax HE80	996T 67	5775	155		14.00
802.11be HE80	26T 0	5775	155		14.00
802.11be HE80	26T 18	5775	155		14.00
802.11be HE80	26T 4	5775	155		14.00
802.11be HE80	26T 36	5775	155		14.00
802.11be HE80	26T 8	5775	155		14.00
802.11be HE80	52T 37	5775	155		14.00
802.11be HE80	52T 39	5775	155		14.00
802.11be HE80	52T 45	5775	155		14.00
802.11be HE80	52T 40	5775	155		14.00
802.11be HE80	52T 52	5775	155		14.00
802.11be HE80	106T 53	5775	155		14.00
802.11be HE80	106T 54	5775	155		14.00
802.11be HE80	106T 57	5775	155		14.00
802.11be HE80	106T 60	5775	155		14.00
802.11be HE80	242T 61	5775	155		14.00
802.11be HE80	242T 63	5775	155		14.00
802.11be HE80	242T 64	5775	155		14.00
802.11be HE80	484T 65	5775	155		14.00
802.11be HE80	484T 66	5775	155		14.00
802.11be HE80	996T 67	5775	155		14.00

WLAN5.8G MIMO					
Mode	Tones/ RUIndex	Frequency (MHz)	Channel	Average power (dBm)	Tune-Up Limit
802.11a	NA	5745	149		/
	NA	5785	157		/
	NA	5825	165		/
802.11n HT20	NA	5745	149		17.00
	NA	5785	157		17.00
	NA	5825	165		17.00
802.11ac VHT20	NA	5745	149		17.00
	NA	5785	157		17.00
	NA	5825	165		17.00
802.11n HT40	NA	5755	151		17.00
	NA	5795	159		17.00
802.11ac VHT40	NA	5755	151		17.00
	NA	5795	159		17.00
802.11ac VHT80	NA	5775	155		17.00
802.11ax HE20	26T 0	5745	149		17.00
	26T 0	5785	157		17.00
	26T 0	5825	165		17.00
802.11ax HE20	26T 4	5745	149		17.00
	26T 4	5785	157		17.00
	26T 4	5825	165		17.00
802.11ax HE20	26T 8	5745	149		17.00
	26T 8	5785	157		17.00
	26T 8	5825	165		17.00
802.11ax HE20	52T 37	5745	149		17.00
	52T 37	5785	157		17.00
	52T 37	5825	165		17.00
802.11ax HE20	52T 39	5745	149		17.00
	52T 39	5785	157		17.00
	52T 39	5825	165		17.00
802.11ax HE20	52T 40	5745	149		17.00
	52T 40	5785	157		17.00
	52T 40	5825	165		17.00
802.11ax HE20	106T 53	5745	149		17.00
	106T 53	5785	157		17.00
	106T 53	5825	165		17.00
802.11ax HE20	106T 54	5745	149		17.00
	106T 54	5785	157		17.00
	106T 54	5825	165		17.00
802.11ax HE20	242T 61	5745	149		17.00
	242T 61	5785	157		17.00
	242T 61	5825	165		17.00
802.11be HE20	26T 0	5745	149		17.00
	26T 0	5785	157		17.00
	26T 0	5825	165		17.00
802.11be HE20	26T 4	5745	149		17.00
	26T 4	5785	157		17.00
	26T 4	5825	165		17.00
802.11be HE20	26T 8	5745	149		17.00
	26T 8	5785	157		17.00
	26T 8	5825	165		17.00
802.11be HE20	52T 37	5745	149		17.00
	52T 37	5785	157		17.00
	52T 37	5825	165		17.00
802.11be HE20	52T 39	5745	149		17.00
	52T 39	5785	157		17.00
	52T 39	5825	165		17.00
802.11be HE20	52T 40	5745	149		17.00
	52T 40	5785	157		17.00
	52T 40	5825	165		17.00
802.11be HE20	106T 53	5745	149	15.78	17.00
	106T 53	5785	157	**15.85**	17.00
	106T 53	5825	165	15.54	17.00
802.11be HE20	106T 54	5745	149		17.00
	106T 54	5785	157		17.00
	106T 54	5825	165		17.00
802.11be HE20	242T 61	5745	149		17.00
	242T 61	5785	157		17.00
	242T 61	5825	165		17.00
802.11ax HE40	26T 0	5755	151		17.00
	26T 0	5795	159		17.00
802.11ax HE40	26T 10	5755	151		17.00
	26T 10	5795	159		17.00
802.11ax HE40	26T 17	5755	151		17.00
	26T 17	5795	159		17.00
802.11ax HE40	52T 37	5755	151		17.00
	52T 37	5795	159		17.00
802.11ax HE40	52T 41	5755	151		17.00
	52T 41	5795	159		17.00
802.11ax HE40	52T 44	5755	151		17.00
	52T 44	5795	159		17.00
802.11ax HE40	106T 53	5755	151		17.00
	106T 53	5795	159		17.00
802.11ax HE40	106T 55	5755	151		17.00
	106T 55	5795	159		17.00
802.11ax HE40	106T 56	5755	151		17.00
	106T 56	5795	159		17.00
802.11ax HE40	242T 61	5755	151		17.00
	242T 61	5795	159		17.00
802.11ax HE40	242T 62	5755	151		17.00
	242T 62	5795	159		17.00
802.11ax HE40	484T 65	5755	151		17.00
	484T 65	5795	159		17.00
802.11be HE40	26T 0	5755	151		17.00
	26T 0	5795	159		17.00
802.11be HE40	26T 10	5755	151		17.00
	26T 10	5795	159		17.00
802.11be HE40	26T 4	5755	151		17.00
	26T 4	5795	159		17.00
802.11be HE40	26T 17	5755	151		17.00
	26T 17	5795	159		17.00
802.11be HE40	26T 8	5755	151		17.00
	26T 8	5795	159		17.00
802.11be HE40	52T 37	5755	151		17.00
	52T 37	5795	159		17.00
802.11be HE40	52T 39	5755	151		17.00
	52T 39	5795	159		17.00
802.11be HE40	52T 41	5755	151		17.00
	52T 41	5795	159		17.00
802.11be HE40	52T 40	5755	151		17.00
	52T 40	5795	159		17.00
802.11be HE40	52T 44	5755	151		17.00
	52T 44	5795	159		17.00
802.11be HE40	106T 53	5755	151		17.00
	106T 53	5795	159		17.00
802.11be HE40	106T 54	5755	151		17.00
	106T 54	5795	159		17.00
802.11be HE40	106T 55	5755	151		17.00
	106T 55	5795	159		17.00
802.11be HE40	106T 56	5755	151		17.00
	106T 56	5795	159		17.00
802.11be HE40	242T 61	5755	151		17.00
	242T 61	5795	159		17.00
802.11be HE40	242T 62	5755	151		17.00
	242T 62	5795	159		17.00
802.11be HE40	484T 65	5755	151		17.00
	484T 65	5795	159		17.00
802.11ax HE80	26T 0	5775	155		17.00
802.11ax HE80	26T 18	5775	155		17.00
802.11ax HE80	26T 36	5775	155		17.00
802.11ax HE80	52T 37	5775	155		17.00
802.11ax HE80	52T 45	5775	155		17.00
802.11ax HE80	52T 52	5775	155		17.00
802.11ax HE80	106T 53	5775	155		17.00
802.11ax HE80	106T 57	5775	155		17.00
802.11ax HE80	106T 60	5775	155		17.00
802.11ax HE80	242T 61	5775	155		17.00
802.11ax HE80	242T 63	5775	155		17.00
802.11ax HE80	242T 64	5775	155		17.00
802.11ax HE80	484T 65	5775	155		17.00
802.11ax HE80	484T 66	5775	155		17.00
802.11ax HE80	996T 67	5775	155		17.00
802.11be HE80	26T 0	5775	155		17.00
802.11be HE80	26T 18	5775	155		17.00
802.11be HE80	26T 4	5775	155		17.00
802.11be HE80	26T 36	5775	155		17.00
802.11be HE80	26T 8	5775	155		17.00
802.11be HE80	52T 37	5775	155		17.00
802.11be HE80	52T 39	5775	155		17.00
802.11be HE80	52T 45	5775	155		17.00
802.11be HE80	52T 40	5775	155		17.00
802.11be HE80	52T 52	5775	155		17.00
802.11be HE80	106T 53	5775	155		17.00
802.11be HE80	106T 54	5775	155		17.00
802.11be HE80	106T 57	5775	155		17.00
802.11be HE80	106T 60	5775	155		17.00
802.11be HE80	242T 61	5775	155		17.00
802.11be HE80	242T 63	5775	155		17.00
802.11be HE80	242T 64	5775	155		17.00
802.11be HE80	484T 65	5775	155		17.00
802.11be HE80	484T 66	5775	155		17.00
802.11be HE80	996T 67	5775	155		17.00

Appendix E. Simultaneous Multi-band Transmission Evaluation

The simultaneous transmission evaluation and analysis is shown as below.

Head Simultaneous Transmission SAR (Single)

WWAN Band	Test Position	1	2	3	4	1+2+3 Summed 1g SAR (W/kg)	1+3+4 Summed 1g SAR (W/kg)
		WWAN Band	WLAN 2.4G MIMO	WLAN 5G MIMO	BT MIMO		
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
Ant0	Right Cheek	0.509	0.108	0.138	0.242	**0.76**	**0.89**
	Right Tilted	0.275	0.163	0.178	0.298	**0.62**	**0.75**
	Left Cheek	0.358	0.295	0.233	0.326	**0.89**	**0.92**
	Left Tilted	0.209	0.270	0.217	0.295	**0.70**	**0.72**
Ant1	Right Cheek	1.087	0.108	0.138	0.242	**1.33**	**1.47**
	Right Tilted	0.281	0.163	0.178	0.298	**0.62**	**0.76**
	Left Cheek	1.020	0.295	0.233	0.326	**1.55**	**1.58**
	Left Tilted	0.180	0.270	0.217	0.295	**0.67**	**0.69**
Ant2	Right Cheek	1.090	0.108	0.138	0.242	**1.34**	**1.47**
	Right Tilted	1.088	0.163	0.178	0.298	**1.43**	**1.56**
	Left Cheek	0.648	0.295	0.233	0.326	**1.18**	**1.21**
	Left Tilted	0.841	0.270	0.217	0.295	**1.33**	**1.35**
Ant3	Right Cheek	0.845	0.108	0.138	0.242	**1.09**	**1.23**
	Right Tilted	0.120	0.163	0.178	0.298	**0.46**	**0.60**
	Left Cheek	0.858	0.295	0.233	0.326	**1.39**	**1.42**
	Left Tilted	0.296	0.270	0.217	0.295	**0.78**	**0.81**
Ant4	Right Cheek	1.013	0.108	0.138	0.242	**1.26**	**1.39**
	Right Tilted	0.451	0.163	0.178	0.298	**0.79**	**0.93**
	Left Cheek	0.368	0.295	0.233	0.326	**0.90**	**0.93**
	Left Tilted	0.189	0.270	0.217	0.295	**0.68**	**0.70**
Ant7	Right Cheek	0.966	0.108	0.138	0.242	**1.21**	**1.35**
	Right Tilted	0.327	0.163	0.178	0.298	**0.67**	**0.80**
	Left Cheek	0.547	0.295	0.233	0.326	**1.08**	**1.11**
	Left Tilted	0.160	0.270	0.217	0.295	**0.65**	**0.67**

Head Simultaneous Transmission SAR (EN-DC)

LTE Band	FR1 Band	Test Position	1	2	3	4	5	1+2+3+4 Summed 1g SAR (W/kg)	1+2+4+5 Summed 1g SAR (W/kg)
			LTE Band	FR1 Band	WLAN 2.4G MIMO	WLAN 5G MIMO	BT MIMO		
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
LTE B2 Ant2	FR1 n78 Ant2	Right Cheek	0.669	0.251	0.108	0.138	0.242	**1.17**	**1.30**
		Right Tilted	0.658	0.331	0.163	0.178	0.298	**1.33**	**1.47**
		Left Cheek	0.360	0.127	0.295	0.233	0.326	**1.02**	**1.05**
		Left Tilted	0.466	0.171	0.270	0.217	0.295	**1.12**	**1.15**
LTE B5 Ant0	FR1 n7 Ant4	Right Cheek	0.434	0.548	0.108	0.138	0.242	**1.23**	**1.36**
		Right Tilted	0.268	0.358	0.163	0.178	0.298	**0.97**	**1.10**
		Left Cheek	0.301	0.315	0.295	0.233	0.326	**1.14**	**1.18**
		Left Tilted	0.181	0.151	0.270	0.217	0.295	**0.82**	**0.84**
LTE B5 Ant0	FR1 n66 Ant2	Right Cheek	0.434	0.542	0.108	0.138	0.242	**1.22**	**1.36**
		Right Tilted	0.268	0.536	0.163	0.178	0.298	**1.15**	**1.28**
		Left Cheek	0.301	0.323	0.295	0.233	0.326	**1.15**	**1.18**
		Left Tilted	0.181	0.429	0.270	0.217	0.295	**1.10**	**1.12**
LTE B5 Ant0	FR1 n78 Ant2	Right Cheek	0.434	0.251	0.108	0.138	0.242	**0.93**	**1.07**
		Right Tilted	0.268	0.331	0.163	0.178	0.298	**0.94**	**1.08**
		Left Cheek	0.301	0.127	0.295	0.233	0.326	**0.96**	**0.99**
		Left Tilted	0.181	0.171	0.270	0.217	0.295	**0.84**	**0.86**
LTE B7 Ant4	FR1 n5 Ant0	Right Cheek	0.523	0.509	0.108	0.138	0.242	**1.28**	**1.41**
		Right Tilted	0.328	0.228	0.163	0.178	0.298	**0.90**	**1.03**
		Left Cheek	0.179	0.301	0.295	0.233	0.326	**1.01**	**1.04**
		Left Tilted	0.139	0.180	0.270	0.217	0.295	**0.81**	**0.83**
LTE B7 Ant4	FR1 n66 Ant2	Right Cheek	0.523	0.542	0.108	0.138	0.242	**1.31**	**1.45**
		Right Tilted	0.328	0.536	0.163	0.178	0.298	**1.21**	**1.34**
		Left Cheek	0.179	0.323	0.295	0.233	0.326	**1.03**	**1.06**
		Left Tilted	0.139	0.429	0.270	0.217	0.295	**1.06**	**1.08**
LTE B41/38 Ant4	FR1 n78 Ant2	Right Cheek	0.378	0.251	0.108	0.138	0.242	**0.88**	**1.01**
		Right Tilted	0.314	0.331	0.163	0.178	0.298	**0.99**	**1.12**
		Left Cheek	0.179	0.127	0.295	0.233	0.326	**0.83**	**0.87**
		Left Tilted	0.125	0.171	0.270	0.217	0.295	**0.78**	**0.81**

Head Simultaneous Transmission SAR (DSDA)

WWAN Band	WWAN Band	Test Position	1 WWAN Band 1g SAR (W/kg)	2 WWAN Band 1g SAR (W/kg)	3 WLAN 2.4G MIMO 1g SAR (W/kg)	4 WLAN 5G MIMO 1g SAR (W/kg)	5 BT MIMO 1g SAR (W/kg)	1+2+3+4 Summed 1g SAR (W/kg)	1+2+4+5 Summed 1g SAR (W/kg)
DSDA Ant0	DSDA Ant1	Right Cheek	0.509	0.379	0.108	0.138	0.242	**1.13**	**1.27**
		Right Tilted	0.268	0.167	0.163	0.178	0.298	**0.78**	**0.91**
		Left Cheek	0.301	0.474	0.295	0.233	0.326	**1.30**	**1.33**
		Left Tilted	0.181	0.180	0.270	0.217	0.295	**0.85**	**0.87**
DSDA Ant0	DSDA Ant2	Right Cheek	0.509	0.482	0.108	0.138	0.242	**1.24**	**1.37**
		Right Tilted	0.268	0.539	0.163	0.178	0.298	**1.15**	**1.28**
		Left Cheek	0.301	0.415	0.295	0.233	0.326	**1.24**	**1.28**
		Left Tilted	0.181	0.497	0.270	0.217	0.295	**1.17**	**1.19**
DSDA Ant0	DSDA Ant3	Right Cheek	0.509	0.547	0.108	0.138	0.242	**1.30**	**1.44**
		Right Tilted	0.268	0.120	0.163	0.178	0.298	**0.73**	**0.86**
		Left Cheek	0.301	0.477	0.295	0.233	0.326	**1.31**	**1.34**
		Left Tilted	0.181	0.237	0.270	0.217	0.295	**0.91**	**0.93**
DSDA Ant0	DSDA Ant4	Right Cheek	0.509	0.548	0.108	0.138	0.242	**1.30**	**1.44**
		Right Tilted	0.268	0.451	0.163	0.178	0.298	**1.06**	**1.20**
		Left Cheek	0.301	0.368	0.295	0.233	0.326	**1.20**	**1.23**
		Left Tilted	0.181	0.182	0.270	0.217	0.295	**0.85**	**0.88**
DSDA Ant0	DSDA Ant7	Right Cheek	0.509	0.311	0.108	0.138	0.242	**1.07**	**1.20**
		Right Tilted	0.268	0.327	0.163	0.178	0.298	**0.94**	**1.07**
		Left Cheek	0.301	0.547	0.295	0.233	0.326	**1.38**	**1.41**
		Left Tilted	0.181	0.160	0.270	0.217	0.295	**0.83**	**0.85**
DSDA Ant1	DSDA Ant2	Right Cheek	0.379	0.482	0.108	0.138	0.242	**1.11**	**1.24**
		Right Tilted	0.167	0.539	0.163	0.178	0.298	**1.05**	**1.18**
		Left Cheek	0.474	0.415	0.295	0.233	0.326	**1.42**	**1.45**
		Left Tilted	0.180	0.497	0.270	0.217	0.295	**1.16**	**1.19**
DSDA Ant1	DSDA Ant3	Right Cheek	0.379	0.547	0.108	0.138	0.242	**1.17**	**1.31**
		Right Tilted	0.167	0.120	0.163	0.178	0.298	**0.63**	**0.76**
		Left Cheek	0.474	0.477	0.295	0.233	0.326	**1.48**	**1.51**
		Left Tilted	0.180	0.237	0.270	0.217	0.295	**0.90**	**0.93**
DSDA Ant1	DSDA Ant4	Right Cheek	0.379	0.548	0.108	0.138	0.242	**1.17**	**1.31**
		Right Tilted	0.167	0.451	0.163	0.178	0.298	**0.96**	**1.09**
		Left Cheek	0.474	0.368	0.295	0.233	0.326	**1.37**	**1.40**
		Left Tilted	0.180	0.182	0.270	0.217	0.295	**0.85**	**0.87**
DSDA Ant1	DSDA Ant7	Right Cheek	0.379	0.311	0.108	0.138	0.242	**0.94**	**1.07**
		Right Tilted	0.167	0.327	0.163	0.178	0.298	**0.84**	**0.97**
		Left Cheek	0.474	0.547	0.295	0.233	0.326	**1.55**	**1.58**
		Left Tilted	0.180	0.160	0.270	0.217	0.295	**0.83**	**0.85**
DSDA Ant2	DSDA Ant3	Right Cheek	0.482	0.547	0.108	0.138	0.242	**1.28**	**1.41**
		Right Tilted	0.539	0.120	0.163	0.178	0.298	**1.00**	**1.14**
		Left Cheek	0.415	0.477	0.295	0.233	0.326	**1.42**	**1.45**
		Left Tilted	0.497	0.237	0.270	0.217	0.295	**1.22**	**1.25**
DSDA Ant2	DSDA Ant4	Right Cheek	0.482	0.548	0.108	0.138	0.242	**1.28**	**1.41**
		Right Tilted	0.539	0.451	0.163	0.178	0.298	**1.33**	**1.47**
		Left Cheek	0.415	0.368	0.295	0.233	0.326	**1.31**	**1.34**
		Left Tilted	0.497	0.182	0.270	0.217	0.295	**1.17**	**1.19**
DSDA Ant2	DSDA Ant7	Right Cheek	0.482	0.311	0.108	0.138	0.242	**1.04**	**1.17**
		Right Tilted	0.539	0.327	0.163	0.178	0.298	**1.21**	**1.34**
		Left Cheek	0.415	0.547	0.295	0.233	0.326	**1.49**	**1.52**
		Left Tilted	0.497	0.160	0.270	0.217	0.295	**1.14**	**1.17**
DSDA Ant3	DSDA Ant4	Right Cheek	0.547	0.548	0.108	0.138	0.242	**1.34**	**1.48**
		Right Tilted	0.120	0.451	0.163	0.178	0.298	**0.91**	**1.05**
		Left Cheek	0.477	0.368	0.295	0.233	0.326	**1.37**	**1.40**
		Left Tilted	0.237	0.182	0.270	0.217	0.295	**0.91**	**0.93**
DSDA Ant3	DSDA Ant7	Right Cheek	0.547	0.311	0.108	0.138	0.242	**1.10**	**1.24**
		Right Tilted	0.120	0.327	0.163	0.178	0.298	**0.79**	**0.92**
		Left Cheek	0.477	0.547	0.295	0.233	0.326	**1.55**	**1.58**
		Left Tilted	0.237	0.160	0.270	0.217	0.295	**0.88**	**0.91**
DSDA Ant4	DSDA Ant7	Right Cheek	0.548	0.311	0.108	0.138	0.242	**1.11**	**1.24**
		Right Tilted	0.451	0.327	0.163	0.178	0.298	**1.12**	**1.25**
		Left Cheek	0.368	0.547	0.295	0.233	0.326	**1.44**	**1.47**
		Left Tilted	0.182	0.160	0.270	0.217	0.295	**0.83**	**0.85**

Body worn Simultaneous Transmission SAR (Single)

WWAN Band	Test Position	1	2	3	4	1+2+3 Summed 1g SAR (W/kg)	1+3+4 Summed 1g SAR (W/kg)
		WWAN Band	WLAN 2.4G MIMO	WLAN 5G MIMO	BT MIMO		
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
Ant0	Front Face at 1.5cm	0.318	0.028	0.300	0.173	**0.65**	**0.79**
	Rear Face at 1.5cm	0.362	0.166	0.319		**0.85**	**0.68**
Ant1	Front Face at 1.5cm	0.497	0.028	0.300	0.173	**0.83**	**0.97**
	Rear Face at 1.5cm	0.663	0.166	0.319		**1.15**	**0.98**
Ant2	Front Face at 1.5cm	0.591	0.028	0.300	0.173	**0.92**	**1.06**
	Rear Face at 1.5cm	0.911	0.166	0.319		**1.40**	**1.23**
Ant3	Front Face at 1.5cm	0.781	0.028	0.300	0.173	**1.11**	**1.25**
	Rear Face at 1.5cm	0.716	0.166	0.319		**1.20**	**1.04**
Ant4	Front Face at 1.5cm	0.217	0.028	0.300	0.173	**0.55**	**0.69**
	Rear Face at 1.5cm	0.244	0.166	0.319		**0.73**	**0.56**
Ant7	Front Face at 1.5cm	0.102	0.028	0.300	0.173	**0.43**	**0.58**
	Rear Face at 1.5cm	0.244	0.166	0.319		**0.73**	**0.56**

Body worn Simultaneous Transmission SAR (EN-DC)

LTE Band	FR1 Band	Test Position	1	2	3	4	5	1+2+3+4 Summed 1g SAR (W/kg)	1+2+4+5 Summed 1g SAR (W/kg)
			LTE Band	FR1 Band	WLAN 2.4G MIMO	WLAN 5G MIMO	BT MIMO		
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
LTE B2 Ant2	FR1 n78 Ant2	Front Face at 1.5cm	0.506	0.204	0.028	0.300	0.173	**1.04**	**1.18**
		Rear Face at 1.5cm	0.687	0.357	0.166	0.319		**1.53**	**1.36**
LTE B5 Ant0	FR1 n7 Ant4	Front Face at 1.5cm	0.291	0.198	0.028	0.300	0.173	**0.82**	**0.96**
		Rear Face at 1.5cm	0.301	0.244	0.166	0.319		**1.03**	**0.86**
LTE B5 Ant0	FR1 n66 Ant2	Front Face at 1.5cm	0.291	0.591	0.028	0.300	0.173	**1.21**	**1.36**
		Rear Face at 1.5cm	0.301	0.752	0.166	0.319		**1.54**	**1.37**
LTE B5 Ant0	FR1 n78 Ant2	Front Face at 1.5cm	0.291	0.204	0.028	0.300	0.173	**0.82**	**0.97**
		Rear Face at 1.5cm	0.301	0.357	0.166	0.319		**1.14**	**0.98**
LTE B7 Ant4	FR1 n5 Ant0	Front Face at 1.5cm	0.217	0.246	0.028	0.300	0.173	**0.79**	**0.94**
		Rear Face at 1.5cm	0.091	0.362	0.166	0.319		**0.94**	**0.77**
LTE B7 Ant4	FR1 n66 Ant2	Front Face at 1.5cm	0.217	0.591	0.028	0.300	0.173	**1.14**	**1.28**
		Rear Face at 1.5cm	0.091	0.752	0.166	0.319		**1.33**	**1.16**
LTE B38 Ant4	FR1 n78 Ant2	Front Face at 1.5cm	0.139	0.204	0.028	0.300	0.173	**0.67**	**0.82**
		Rear Face at 1.5cm	0.169	0.357	0.166	0.319		**1.01**	**0.85**
LTE B41 Ant4	FR1 n78 Ant2	Front Face at 1.5cm	0.091	0.204	0.028	0.300	0.173	**0.62**	**0.77**
		Rear Face at 1.5cm	0.128	0.357	0.166	0.319		**0.97**	**0.80**

Body worn Simultaneous Transmission SAR (DSDA)

WWAN Band	WWAN Band	Test Position	1	2	3	4	5	1+2+3+4 Summed 1g SAR (W/kg)	1+2+4+5 Summed 1g SAR (W/kg)
			WWAN Band	WWAN Band	WLAN 2.4G MIMO	WLAN 5G MIMO	BT MIMO		
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
DSDA Ant0	DSDA Ant1	Front Face at 1.5cm	0.318	0.304	0.028	0.300	0.173	**0.95**	**1.10**
		Rear Face at 1.5cm	0.362	0.376	0.166	0.319		**1.22**	**1.06**
DSDA Ant0	DSDA Ant2	Front Face at 1.5cm	0.318	0.456	0.028	0.300	0.173	**1.10**	**1.25**
		Rear Face at 1.5cm	0.362	0.726	0.166	0.319		**1.57**	**1.41**
DSDA Ant0	DSDA Ant3	Front Face at 1.5cm	0.318	0.650	0.028	0.300	0.173	**1.30**	**1.44**
		Rear Face at 1.5cm	0.362	0.716	0.166	0.319		**1.56**	**1.40**
DSDA Ant0	DSDA Ant4	Front Face at 1.5cm	0.318	0.217	0.028	0.300	0.173	**0.86**	**1.01**
		Rear Face at 1.5cm	0.362	0.244	0.166	0.319		**1.09**	**0.93**
DSDA Ant0	DSDA Ant7	Front Face at 1.5cm	0.318	0.102	0.028	0.300	0.173	**0.75**	**0.89**
		Rear Face at 1.5cm	0.362	0.219	0.166	0.319		**1.07**	**0.90**
DSDA Ant1	DSDA Ant2	Front Face at 1.5cm	0.304	0.456	0.028	0.300	0.173	**1.09**	**1.23**
		Rear Face at 1.5cm	0.376	0.726	0.166	0.319		**1.59**	**1.42**
DSDA Ant1	DSDA Ant3	Front Face at 1.5cm	0.304	0.650	0.028	0.300	0.173	**1.28**	**1.43**
		Rear Face at 1.5cm	0.376	0.716	0.166	0.319		**1.58**	**1.41**
DSDA Ant1	DSDA Ant4	Front Face at 1.5cm	0.304	0.217	0.028	0.300	0.173	**0.85**	**0.99**
		Rear Face at 1.5cm	0.376	0.244	0.166	0.319		**1.11**	**0.94**
DSDA Ant1	DSDA Ant7	Front Face at 1.5cm	0.304	0.102	0.028	0.300	0.173	**0.33**	**0.60**
		Rear Face at 1.5cm	0.376	0.219	0.166	0.319		**0.54**	**0.70**
DSDA Ant2	DSDA Ant3	Front Face at 1.5cm	0.456	0.650	0.028	0.300	0.173	**0.48**	**0.76**
		Rear Face at 1.5cm	0.726	0.716	0.166	0.319		**0.89**	**1.05**
DSDA Ant2	DSDA Ant4	Front Face at 1.5cm	0.456	0.217	0.028	0.300	0.173	**0.48**	**0.76**
		Rear Face at 1.5cm	0.726	0.244	0.166	0.319		**0.89**	**1.05**
DSDA Ant2	DSDA Ant7	Front Face at 1.5cm	0.456	0.102	0.028	0.300	0.173	**0.48**	**0.76**
		Rear Face at 1.5cm	0.726	0.219	0.166	0.319		**0.89**	**1.05**
DSDA Ant3	DSDA Ant4	Front Face at 1.5cm	0.650	0.217	0.028	0.300	0.173	**0.68**	**0.95**
		Rear Face at 1.5cm	0.716	0.244	0.166	0.319		**0.88**	**1.04**
DSDA Ant3	DSDA Ant7	Front Face at 1.5cm	0.650	0.102	0.028	0.300	0.173	**0.68**	**0.95**
		Rear Face at 1.5cm	0.716	0.219	0.166	0.319		**0.88**	**1.04**
DSDA Ant4	DSDA Ant7	Front Face at 1.5cm	0.217	0.102	0.028	0.300	0.173	**0.25**	**0.52**
		Rear Face at 1.5cm	0.244	0.219	0.166	0.319		**0.41**	**0.56**

Hotspot Simultaneous Transmission SAR (Single)

WWAN Band	Test Position	1	2	3	4	1+2+3 Summed 1g SAR (W/kg)	1+3+4 Summed 1g SAR (W/kg)
		WWAN Band	WLAN 2.4G MIMO	WLAN 5G MIMO	BT MIMO		
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
Ant0	Front Face at 1cm	0.500	0.153	0.175	0.305	**0.83**	**0.98**
	Rear Face at 1cm	0.651	0.139	0.222	0.110	**0.79**	**0.87**
	Left Side at 1cm	0.206		0.099		**0.21**	**0.31**
	Right Side at 1cm	0.720	0.284	0.423		**1.00**	**1.14**
	Top Side at 1cm	0.037	0.215	0.327		**0.25**	**0.36**
	Bottom Side at 1cm	0.971		0.213		**0.97**	**1.18**
Ant1	Front Face at 1cm	0.477	0.153	0.175	0.305	**0.63**	**0.65**
	Rear Face at 1cm	0.528	0.139	0.222	0.110	**0.67**	**0.75**
	Left Side at 1cm	0.724		0.099		**0.72**	**0.82**
	Right Side at 1cm	0.023	0.284	0.423		**0.31**	**0.45**
	Top Side at 1cm	0.062	0.215	0.327		**0.28**	**0.39**
	Bottom Side at 1cm	0.174		0.213		**0.17**	**0.39**
Ant2	Front Face at 1cm	0.207	0.153	0.175	0.305	**0.36**	**0.38**
	Rear Face at 1cm	0.300	0.139	0.222	0.110	**0.44**	**0.52**
	Left Side at 1cm	0.139		0.099		**0.14**	**0.24**
	Right Side at 1cm	0.104	0.284	0.423		**0.39**	**0.53**
	Top Side at 1cm	0.452	0.215	0.327		**0.67**	**0.78**
	Bottom Side at 1cm	0.017		0.213		**0.02**	**0.23**
Ant3	Front Face at 1cm	0.231	0.153	0.175	0.305	**0.38**	**0.41**
	Rear Face at 1cm	0.292	0.139	0.222	0.110	**0.43**	**0.51**
	Left Side at 1cm	0.051		0.099		**0.05**	**0.15**
	Right Side at 1cm	0.482	0.284	0.423		**0.77**	**0.91**
	Top Side at 1cm	0.055	0.215	0.327		**0.27**	**0.38**
	Bottom Side at 1cm	0.052		0.213		**0.05**	**0.27**
Ant4	Front Face at 1cm	0.247	0.153	0.175	0.305	**0.40**	**0.42**
	Rear Face at 1cm	0.335	0.139	0.222	0.110	**0.47**	**0.56**
	Left Side at 1cm	0.480		0.099		**0.48**	**0.58**
	Right Side at 1cm	0.030	0.284	0.423		**0.31**	**0.45**
	Top Side at 1cm	0.089	0.215	0.327		**0.30**	**0.42**
	Bottom Side at 1cm	0.020		0.213		**0.02**	**0.23**
Ant7	Front Face at 1cm	0.127	0.153	0.175	0.305	**0.28**	**0.30**
	Rear Face at 1cm	0.712	0.139	0.222	0.110	**0.85**	**0.93**
	Left Side at 1cm	0.254		0.099		**0.25**	**0.35**
	Right Side at 1cm	0.040	0.284	0.423		**0.32**	**0.46**
	Top Side at 1cm	0.052	0.215	0.327		**0.27**	**0.38**
	Bottom Side at 1cm	0.039		0.213		**0.04**	**0.25**

Hotspot Simultaneous Transmission SAR (EN-DC)

LTE Band	FR1 Band	Test Position	1	2	3	4	5	1+2+3+4 Summed 1g SAR (W/kg)	1+2+4+5 Summed 1g SAR (W/kg)
			LTE Band	FR1 Band	WLAN 2.4G MIMO	WLAN 5G MIMO	BT MIMO		
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
LTE B2 Ant2	FR1 n78 Ant2	Front Face at 1cm	0.202	0.054	0.153	0.175	0.305	**0.58**	**0.74**
		Rear Face at 1cm	0.248	0.083	0.139	0.222	0.110	**0.69**	**0.66**
		Left Side at 1cm	0.061	0.032		0.099		**0.19**	**0.19**
		Right Side at 1cm	0.023	0.059	0.284	0.423		**0.79**	**0.51**
		Top Side at 1cm	0.193	0.092	0.215	0.327		**0.83**	**0.61**
		Bottom Side at 1cm	0.010			0.213		**0.22**	**0.22**
LTE B5 Ant0	FR1 n7 Ant4	Front Face at 1cm	0.465	0.153	0.153	0.175	0.305	**0.95**	**1.10**
		Rear Face at 1cm	0.625	0.214	0.139	0.222	0.110	**1.20**	**1.17**
		Left Side at 1cm	0.117	0.273		0.099		**0.49**	**0.49**
		Right Side at 1cm	0.618	0.010	0.284	0.423		**1.34**	**1.05**
		Top Side at 1cm		0.060	0.215	0.327		**0.60**	**0.39**
		Bottom Side at 1cm	0.175	0.020		0.213		**0.41**	**0.41**
LTE B5 Ant0	FR1 n66 Ant2	Front Face at 1cm	0.465	0.197	0.153	0.175	0.305	**0.99**	**1.14**
		Rear Face at 1cm	0.625	0.256	0.139	0.222	0.110	**1.24**	**1.21**
		Left Side at 1cm	0.117	0.063		0.099		**0.28**	**0.28**
		Right Side at 1cm	0.618	0.104	0.284	0.423		**1.43**	**1.15**
		Top Side at 1cm		0.262	0.215	0.327		**0.80**	**0.59**
		Bottom Side at 1cm	0.175	0.016		0.213		**0.40**	**0.40**
LTE B5 Ant0	FR1 n78 Ant2	Front Face at 1cm	0.465	0.054	0.153	0.175	0.305	**0.85**	**1.00**
		Rear Face at 1cm	0.625	0.083	0.139	0.222	0.110	**1.07**	**1.04**
		Left Side at 1cm	0.117	0.032		0.099		**0.25**	**0.25**
		Right Side at 1cm	0.618	0.059	0.284	0.423		**1.38**	**1.10**
		Top Side at 1cm		0.092	0.215	0.327		**0.63**	**0.42**
		Bottom Side at 1cm	0.175			0.213		**0.39**	**0.39**
LTE B7 Ant4	FR1 n5 Ant0	Front Face at 1cm	0.175	0.418	0.153	0.175	0.305	**0.92**	**1.07**
		Rear Face at 1cm	0.237	0.651	0.139	0.222	0.110	**1.25**	**1.22**
		Left Side at 1cm	0.187	0.164		0.099		**0.45**	**0.45**
		Right Side at 1cm	0.007	0.595	0.284	0.423		**1.31**	**1.03**
		Top Side at 1cm	0.050		0.215	0.327		**0.59**	**0.38**
		Bottom Side at 1cm	0.017	0.356		0.213		**0.59**	**0.59**
LTE B7 Ant4	FR1 n66 Ant2	Front Face at 1cm	0.175	0.197	0.153	0.175	0.305	**0.70**	**0.85**
		Rear Face at 1cm	0.237	0.256	0.139	0.222	0.110	**0.85**	**0.83**
		Left Side at 1cm	0.187	0.063		0.099		**0.35**	**0.35**
		Right Side at 1cm	0.007	0.104	0.284	0.423		**0.82**	**0.53**
		Top Side at 1cm	0.050	0.262	0.215	0.327		**0.85**	**0.64**
		Bottom Side at 1cm	0.017	0.016		0.213		**0.25**	**0.25**
LTE B41/38 Ant4	FR1 n78 Ant2	Front Face at 1cm	0.185	0.054	0.153	0.175	0.305	**0.57**	**0.72**
		Rear Face at 1cm	0.256	0.083	0.139	0.222	0.110	**0.70**	**0.67**
		Left Side at 1cm	0.317	0.032		0.099		**0.45**	**0.45**
		Right Side at 1cm	0.008	0.059	0.284	0.423		**0.77**	**0.49**
		Top Side at 1cm	0.053	0.092	0.215	0.327		**0.69**	**0.47**
		Bottom Side at 1cm	0.020			0.213		**0.23**	**0.23**

Hotspot Simultaneous Transmission SAR (DSDA)

WWAN Band	WWAN Band	Test Position	1	2	3	4	5	1+2+3+4 Summed 1g SAR (W/kg)	1+2+4+5 Summed 1g SAR (W/kg)
			WWAN Band	WWAN Band	WLAN 2.4G MIMO	WLAN 5G MIMO	BT MIMO		
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
DSDA Ant0	DSDA Ant1	Front Face at 1cm	0.500	0.477	0.153	0.175	0.305	**1.31**	**1.46**
		Rear Face at 1cm	0.651	0.528	0.139	0.222	0.110	**1.54**	**1.51**
		Left Side at 1cm	0.164	0.724		0.099		**0.99**	**0.99**
		Right Side at 1cm	0.484	0.020	0.284	0.423		**1.21**	**0.93**
		Top Side at 1cm	0.037	0.035	0.215	0.327		**0.61**	**0.40**
		Bottom Side at 1cm	0.692	0.049		0.213		**0.95**	**0.95**
DSDA Ant0	DSDA Ant2	Front Face at 1cm	0.500	0.192	0.153	0.175	0.305	**1.02**	**1.17**
		Rear Face at 1cm	0.651	0.300	0.139	0.222	0.110	**1.31**	**1.28**
		Left Side at 1cm	0.164	0.139		0.099		**0.40**	**0.40**
		Right Side at 1cm	0.484	0.059	0.284	0.423		**1.25**	**0.97**
		Top Side at 1cm	0.037	0.431	0.215	0.327		**1.01**	**0.80**
		Bottom Side at 1cm	0.692	0.007		0.213		**0.91**	**0.91**
DSDA Ant0	DSDA Ant3	Front Face at 1cm	0.500	0.219	0.153	0.175	0.305	**1.05**	**1.20**
		Rear Face at 1cm	0.651	0.276	0.139	0.222	0.110	**1.29**	**1.26**
		Left Side at 1cm	0.164	0.016		0.099		**0.28**	**0.28**
		Right Side at 1cm	0.484	0.389	0.284	0.423		**1.58**	**1.30**
		Top Side at 1cm	0.037	0.044	0.215	0.327		**0.62**	**0.41**
		Bottom Side at 1cm	0.692	0.052		0.213		**0.96**	**0.96**
DSDA Ant0	DSDA Ant4	Front Face at 1cm	0.500	0.247	0.153	0.175	0.305	**1.08**	**1.23**
		Rear Face at 1cm	0.651	0.335	0.139	0.222	0.110	**1.35**	**1.32**
		Left Side at 1cm	0.164	0.480		0.099		**0.74**	**0.74**
		Right Side at 1cm	0.484	0.016	0.284	0.423		**1.21**	**0.92**
		Top Side at 1cm	0.037	0.080	0.215	0.327		**0.66**	**0.44**
		Bottom Side at 1cm	0.692	0.020		0.213		**0.93**	**0.93**
DSDA Ant0	DSDA Ant7	Front Face at 1cm	0.500	0.043	0.153	0.175	0.305	**0.87**	**1.02**
		Rear Face at 1cm	0.651	0.574	0.139	0.222	0.110	**1.59**	**1.56**
		Left Side at 1cm	0.164	0.118		0.099		**0.38**	**0.38**
		Right Side at 1cm	0.484	0.010	0.284	0.423		**1.20**	**0.92**
		Top Side at 1cm	0.037	0.043	0.215	0.327		**0.62**	**0.41**
		Bottom Side at 1cm	0.692	0.011		0.213		**0.92**	**0.92**
DSDA Ant1	DSDA Ant2	Front Face at 1cm	0.477	0.192	0.153	0.175	0.305	**1.00**	**1.15**
		Rear Face at 1cm	0.528	0.300	0.139	0.222	0.110	**1.19**	**1.16**
		Left Side at 1cm	0.724	0.139		0.099		**0.96**	**0.96**
		Right Side at 1cm	0.020	0.059	0.284	0.423		**0.79**	**0.50**
		Top Side at 1cm	0.035	0.431	0.215	0.327		**1.01**	**0.79**
		Bottom Side at 1cm	0.049	0.007		0.213		**0.27**	**0.27**
DSDA Ant1	DSDA Ant3	Front Face at 1cm	0.477	0.219	0.153	0.175	0.305	**1.02**	**1.18**
		Rear Face at 1cm	0.528	0.276	0.139	0.222	0.110	**1.17**	**1.14**
		Left Side at 1cm	0.724	0.016		0.099		**0.84**	**0.84**
		Right Side at 1cm	0.020	0.389	0.284	0.423		**1.12**	**0.83**
		Top Side at 1cm	0.035	0.044	0.215	0.327		**0.62**	**0.41**
		Bottom Side at 1cm	0.049	0.052		0.213		**0.31**	**0.31**
DSDA Ant1	DSDA Ant4	Front Face at 1cm	0.477	0.247	0.153	0.175	0.305	**0.63**	**0.65**
		Rear Face at 1cm	0.528	0.335	0.139	0.222	0.110	**0.67**	**0.75**
		Left Side at 1cm	0.724	0.480		0.099		**0.72**	**0.82**
		Right Side at 1cm	0.020	0.016	0.284	0.423		**0.30**	**0.44**
		Top Side at 1cm	0.035	0.080	0.215	0.327		**0.25**	**0.36**
		Bottom Side at 1cm	0.049	0.020		0.213		**0.05**	**0.26**
DSDA Ant1	DSDA Ant7	Front Face at 1cm	0.477	0.043	0.153	0.175	0.305	**0.63**	**0.65**
		Rear Face at 1cm	0.528	0.574	0.139	0.222	0.110	**0.67**	**0.75**
		Left Side at 1cm	0.724	0.118		0.099		**0.72**	**0.82**
		Right Side at 1cm	0.020	0.010	0.284	0.423		**0.30**	**0.44**
		Top Side at 1cm	0.035	0.043	0.215	0.327		**0.25**	**0.36**
		Bottom Side at 1cm	0.049	0.011		0.213		**0.05**	**0.26**
DSDA Ant2	DSDA Ant3	Front Face at 1cm	0.192	0.219	0.153	0.175	0.305	**0.35**	**0.37**
		Rear Face at 1cm	0.300	0.276	0.139	0.222	0.110	**0.44**	**0.52**
		Left Side at 1cm	0.139	0.016		0.099		**0.14**	**0.24**
		Right Side at 1cm	0.059	0.389	0.284	0.423		**0.34**	**0.48**
		Top Side at 1cm	0.431	0.044	0.215	0.327		**0.65**	**0.76**
		Bottom Side at 1cm	0.007	0.052		0.213		**0.01**	**0.22**
DSDA Ant2	DSDA Ant4	Front Face at 1cm	0.192	0.247	0.153	0.175	0.305	**0.35**	**0.37**
		Rear Face at 1cm	0.300	0.335	0.139	0.222	0.110	**0.44**	**0.52**
		Left Side at 1cm	0.139	0.480		0.099		**0.14**	**0.24**
		Right Side at 1cm	0.059	0.016	0.284	0.423		**0.34**	**0.48**
		Top Side at 1cm	0.431	0.080	0.215	0.327		**0.65**	**0.76**
		Bottom Side at 1cm	0.007	0.020		0.213		**0.01**	**0.22**
DSDA Ant2	DSDA Ant7	Front Face at 1cm	0.192	0.043	0.153	0.175	0.305	**0.35**	**0.37**
		Rear Face at 1cm	0.300	0.574	0.139	0.222	0.110	**0.44**	**0.52**
		Left Side at 1cm	0.139	0.118		0.099		**0.14**	**0.24**
		Right Side at 1cm	0.059	0.010	0.284	0.423		**0.34**	**0.48**
		Top Side at 1cm	0.431	0.043	0.215	0.327		**0.65**	**0.76**
		Bottom Side at 1cm	0.007	0.011		0.213		**0.01**	**0.22**
DSDA Ant3	DSDA Ant4	Front Face at 1cm	0.219	0.247	0.153	0.175	0.305	**0.37**	**0.39**
		Rear Face at 1cm	0.276	0.335	0.139	0.222	0.110	**0.42**	**0.50**
		Left Side at 1cm	0.016	0.480		0.099		**0.02**	**0.12**
		Right Side at 1cm	0.389	0.016	0.284	0.423		**0.67**	**0.81**
		Top Side at 1cm	0.044	0.080	0.215	0.327		**0.26**	**0.37**
		Bottom Side at 1cm	0.052	0.020		0.213		**0.05**	**0.27**
DSDA Ant3	DSDA Ant7	Front Face at 1cm	0.219	0.043	0.153	0.175	0.305	**0.37**	**0.39**
		Rear Face at 1cm	0.276	0.574	0.139	0.222	0.110	**0.42**	**0.50**
		Left Side at 1cm	0.016	0.118		0.099		**0.02**	**0.12**
		Right Side at 1cm	0.389	0.010	0.284	0.423		**0.67**	**0.81**
		Top Side at 1cm	0.044	0.043	0.215	0.327		**0.26**	**0.37**
		Bottom Side at 1cm	0.052	0.011		0.213		**0.05**	**0.27**
DSDA Ant4	DSDA Ant7	Front Face at 1cm	0.247	0.043	0.153	0.175	0.305	**0.40**	**0.42**
		Rear Face at 1cm	0.335	0.574	0.139	0.222	0.110	**0.47**	**0.56**
		Left Side at 1cm	0.480	0.118		0.099		**0.48**	**0.58**
		Right Side at 1cm	0.016	0.010	0.284	0.423		**0.30**	**0.44**
		Top Side at 1cm	0.080	0.043	0.215	0.327		**0.30**	**0.41**
		Bottom Side at 1cm	0.020	0.011		0.213		**0.02**	**0.23**

Extremity Simultaneous Transmission SAR (Single)

WWAN Band	Test Position	1	2	1+2 Summed 10g SAR (W/kg)
		WWAN Band	WLAN 5G MIMO	
		10g SAR (W/kg)	10g SAR (W/kg)	
Ant0	Front Face at 0cm		0.921	**0.92**
	Rear Face at 0cm		0.416	**0.42**
	Left Side at 0cm		0.218	**0.22**
	Right Side at 0cm		1.186	**1.19**
	Top Side at 0cm		1.214	**1.21**
	Bottom Side at 0cm	1.949	0.057	**2.01**
Ant1	Front Face at 0cm	1.493	0.921	**2.41**
	Rear Face at 0cm	2.116	0.416	**2.53**
	Left Side at 0cm	2.559	0.218	**2.78**
	Right Side at 0cm		1.186	**1.19**
	Top Side at 0cm		1.214	**1.21**
	Bottom Side at 0cm		0.057	**0.06**
Ant2	Front Face at 0cm	1.304	0.921	**2.23**
	Rear Face at 0cm	2.169	0.416	**2.59**
	Left Side at 0cm		0.218	**0.22**
	Right Side at 0cm		1.186	**1.19**
	Top Side at 0cm	2.420	1.214	**3.63**
	Bottom Side at 0cm		0.057	**0.06**
Ant3	Front Face at 0cm	2.361	0.921	**3.28**
	Rear Face at 0cm	1.364	0.416	**1.78**
	Left Side at 0cm		0.218	**0.22**
	Right Side at 0cm	2.297	1.186	**3.48**
	Top Side at 0cm		1.214	**1.21**
	Bottom Side at 0cm		0.057	**0.06**
Ant4	Front Face at 0cm	1.558	0.921	**2.48**
	Rear Face at 0cm	1.759	0.416	**2.18**
	Left Side at 0cm	2.578	0.218	**2.80**
	Right Side at 0cm		1.186	**1.19**
	Top Side at 0cm		1.214	**1.21**
	Bottom Side at 0cm		0.057	**0.06**
Ant7	Front Face at 0cm		0.921	**0.92**
	Rear Face at 0cm	2.367	0.416	**2.78**
	Left Side at 0cm		0.218	**0.22**
	Right Side at 0cm		1.186	**1.19**
	Top Side at 0cm		1.214	**1.21**
	Bottom Side at 0cm		0.057	**0.06**

Extremity Simultaneous Transmission SAR (EN-DC)

LTE Band	FR1 Band	Test Position	1	2	2	1+2 Summed 10g SAR (W/kg)
			LTE Band	FR1 Band	WLAN 5G MIMO	
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	
LTE B2 Ant2	FR1 n78 Ant2	Front Face at 0cm			0.921	**0.92**
		Rear Face at 0cm		0.866	0.416	**0.42**
		Left Side at 0cm			0.218	**0.22**
		Right Side at 0cm			1.186	**1.19**
		Top Side at 0cm	2.260	1.206	1.214	**3.47**
		Bottom Side at 0cm			0.057	**0.06**
LTE B7 Ant4	FR1 n66 Ant2	Front Face at 0cm	1.558		0.921	**2.48**
		Rear Face at 0cm	1.759	1.944	0.416	**2.18**
		Left Side at 0cm	2.526		0.218	**2.74**
		Right Side at 0cm			1.186	**1.19**
		Top Side at 0cm		2.269	1.214	**1.21**
		Bottom Side at 0cm			0.057	**0.06**
LTE B38 Ant4	FR1 n78 Ant2	Front Face at 0cm			0.921	**0.92**
		Rear Face at 0cm		0.866	0.416	**0.42**
		Left Side at 0cm	1.524		0.218	**1.74**
		Right Side at 0cm			1.186	**1.19**
		Top Side at 0cm		1.206	1.214	**1.21**
		Bottom Side at 0cm			0.057	**0.06**
LTE B41 Ant4	FR1 n78 Ant2	Front Face at 0cm			0.921	**0.92**
		Rear Face at 0cm		0.866	0.416	**0.42**
		Left Side at 0cm	2.302		0.218	**2.52**
		Right Side at 0cm			1.186	**1.19**
		Top Side at 0cm		1.206	1.214	**1.21**
		Bottom Side at 0cm			0.057	**0.06**

Extremity Simultaneous Transmission SAR (DSDA)

WWAN Band	WWAN Band	Test Position	1	2	2	1+2 Summed 10g SAR (W/kg)
			WWAN Band	WWAN Band	WLAN 5G MIMO	
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	
DSDA Ant0	DSDA Ant1	Front Face at 0cm		1.493	0.921	**0.92**
		Rear Face at 0cm		2.116	0.416	**0.42**
		Left Side at 0cm		1.203	0.218	**0.22**
		Right Side at 0cm			1.186	**1.19**
		Top Side at 0cm			1.214	**1.21**
		Bottom Side at 0cm	1.622		0.057	**1.68**
DSDA Ant0	DSDA Ant2	Front Face at 0cm		1.304	0.921	**0.92**
		Rear Face at 0cm		1.746	0.416	**0.42**
		Left Side at 0cm			0.218	**0.22**
		Right Side at 0cm			1.186	**1.19**
		Top Side at 0cm		2.215	1.214	**1.21**
		Bottom Side at 0cm	1.622		0.057	**1.68**
DSDA Ant0	DSDA Ant3	Front Face at 0cm		1.325	0.921	**0.92**
		Rear Face at 0cm		0.846	0.416	**0.42**
		Left Side at 0cm			0.218	**0.22**
		Right Side at 0cm		1.987	1.186	**1.19**
		Top Side at 0cm			1.214	**1.21**
		Bottom Side at 0cm	1.622		0.057	**1.68**
DSDA Ant0	DSDA Ant4	Front Face at 0cm		1.558	0.921	**0.92**
		Rear Face at 0cm		1.759	0.416	**0.42**
		Left Side at 0cm		2.526	0.218	**0.22**
		Right Side at 0cm			1.186	**1.19**
		Top Side at 0cm			1.214	**1.21**
		Bottom Side at 0cm	1.622		0.057	**1.68**
DSDA Ant0	DSDA Ant7	Front Face at 0cm			0.921	**0.92**
		Rear Face at 0cm		1.423	0.416	**0.42**
		Left Side at 0cm			0.218	**0.22**
		Right Side at 0cm			1.186	**1.19**
		Top Side at 0cm			1.214	**1.21**
		Bottom Side at 0cm	1.622		0.057	**1.68**
DSDA Ant1	DSDA Ant2	Front Face at 0cm	1.493	1.304	0.921	**2.41**
		Rear Face at 0cm	2.116	1.746	0.416	**2.53**
		Left Side at 0cm	1.203		0.218	**1.42**
		Right Side at 0cm			1.186	**1.19**
		Top Side at 0cm		2.215	1.214	**1.21**
		Bottom Side at 0cm			0.057	**0.06**
DSDA Ant1	DSDA Ant3	Front Face at 0cm	1.493	1.325	0.921	**2.41**
		Rear Face at 0cm	2.116	0.846	0.416	**2.53**
		Left Side at 0cm	1.203		0.218	**1.42**
		Right Side at 0cm		1.987	1.186	**1.19**
		Top Side at 0cm			1.214	**1.21**
		Bottom Side at 0cm			0.057	**0.06**
DSDA Ant1	DSDA Ant4	Front Face at 0cm	1.493	1.558	0.921	**2.41**
		Rear Face at 0cm	2.116	1.759	0.416	**2.53**
		Left Side at 0cm	1.203	2.526	0.218	**1.42**
		Right Side at 0cm			1.186	**1.19**
		Top Side at 0cm			1.214	**1.21**
		Bottom Side at 0cm			0.057	**0.06**
DSDA Ant1	DSDA Ant7	Front Face at 0cm	1.493		0.921	**2.41**
		Rear Face at 0cm	2.116	1.423	0.416	**2.53**
		Left Side at 0cm	1.203		0.218	**1.42**
		Right Side at 0cm			1.186	**1.19**
		Top Side at 0cm			1.214	**1.21**
		Bottom Side at 0cm			0.057	**0.06**
DSDA Ant2	DSDA Ant3	Front Face at 0cm	1.304	1.325	0.921	**2.23**
		Rear Face at 0cm	1.746	0.846	0.416	**2.16**
		Left Side at 0cm			0.218	**0.22**
		Right Side at 0cm		1.987	1.186	**1.19**
		Top Side at 0cm	2.215		1.214	**3.43**
		Bottom Side at 0cm			0.057	**0.06**
DSDA Ant2	DSDA Ant4	Front Face at 0cm	1.304	1.558	0.921	**2.23**
		Rear Face at 0cm	1.746	1.759	0.416	**2.16**
		Left Side at 0cm		2.526	0.218	**0.22**
		Right Side at 0cm			1.186	**1.19**
		Top Side at 0cm	2.215		1.214	**3.43**
		Bottom Side at 0cm			0.057	**0.06**
DSDA Ant2	DSDA Ant7	Front Face at 0cm	1.304		0.921	**2.23**
		Rear Face at 0cm	1.746	1.423	0.416	**2.16**
		Left Side at 0cm			0.218	**0.22**
		Right Side at 0cm			1.186	**1.19**
		Top Side at 0cm	2.215		1.214	**3.43**
		Bottom Side at 0cm			0.057	**0.06**
DSDA Ant3	DSDA Ant4	Front Face at 0cm	1.325	1.558	0.921	**2.25**
		Rear Face at 0cm	0.846	1.759	0.416	**1.26**
		Left Side at 0cm		2.526	0.218	**0.22**
		Right Side at 0cm	1.987		1.186	**3.17**
		Top Side at 0cm			1.214	**1.21**
		Bottom Side at 0cm			0.057	**0.06**
DSDA Ant3	DSDA Ant7	Front Face at 0cm	1.325		0.921	**2.25**
		Rear Face at 0cm	0.846	1.423	0.416	**1.26**
		Left Side at 0cm			0.218	**0.22**
		Right Side at 0cm	1.987		1.186	**3.17**
		Top Side at 0cm			1.214	**1.21**
		Bottom Side at 0cm			0.057	**0.06**
DSDA Ant4	DSDA Ant7	Front Face at 0cm	1.558		0.921	**2.48**
		Rear Face at 0cm	1.759	1.423	0.416	**2.18**
		Left Side at 0cm	2.526		0.218	**2.74**
		Right Side at 0cm			1.186	**1.19**
		Top Side at 0cm			1.214	**1.21**
		Bottom Side at 0cm			0.057	**0.06**