



In Collaboration with

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CALIBRATION LABORATORY

CAICT

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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:

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

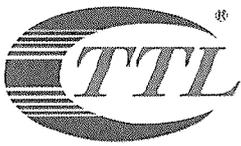
Additional Documentation:

- 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
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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; $\sigma = 4.698$ S/m; $\epsilon_r = 35.84$; $\rho = 1000$ kg/m³

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.077$ S/m; $\epsilon_r = 35.24$; $\rho = 1000$ kg/m³

Medium parameters used: $f = 5750$ MHz; $\sigma = 5.241$ S/m; $\epsilon_r = 35.02$; $\rho = 1000$ kg/m³

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

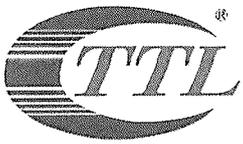
Peak SAR (extrapolated) = 37.3 W/kg

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



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Appendix D. Conducted RF Output Power Table

The detailed power table are shown as follows.

(Default)

Table with columns: Band, Channel, Frequency (MHz), GSM850_Ant0 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power), GSM850_Ant1 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power).

(DSI-1)

Table with columns: Band, Channel, Frequency (MHz), GSM850_Ant0 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power), GSM850_Ant1 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power).

(Default)

Table with columns: Band, Channel, Frequency (MHz), GSM900_Ant0 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power), GSM900_Ant1 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power).

(DSI-1)

Table with columns: Band, Channel, Frequency (MHz), GSM900_Ant0 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power), GSM900_Ant1 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power).

(Default)

Table with columns: Band, Channel, Frequency (MHz), GSM1900_Ant0 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power), GSM1900_Ant1 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power).

(DSI-1)

Table with columns: Band, Channel, Frequency (MHz), GSM1900_Ant0 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power), GSM1900_Ant1 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power).

(Default)

Table with columns: Band, Channel, Frequency (MHz), GSM1900_Ant0 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power), GSM1900_Ant1 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power).

(DSI-1)

Table with columns: Band, Channel, Frequency (MHz), GSM1900_Ant0 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power), GSM1900_Ant1 (Burst Averaged Power, Frame Averaged Power, Max. Tune-up Power).

(Default)

Table with columns: Band, TX Channel, Rx Channel, Frequency (MHz), WCDMA II_Ant0, WCDMA II_Ant1, Max. Tune-up Power.

(DSI-1)

Table with columns: Band, TX Channel, Rx Channel, Frequency (MHz), WCDMA II_Ant0, WCDMA II_Ant1, Max. Tune-up Power.

(Default)

Table with columns: Band, TX Channel, Rx Channel, Frequency (MHz), WCDMA IV_Ant0, WCDMA IV_Ant1, Max. Tune-up Power.

(DSI-1)

Table with columns: Band, TX Channel, Rx Channel, Frequency (MHz), WCDMA IV_Ant0, WCDMA IV_Ant1, Max. Tune-up Power.

(Default)

Table with columns: Band, TX Channel, Rx Channel, Frequency (MHz), WCDMA V_Ant0, WCDMA V_Ant1, Max. Tune-up Power.

(DSI-1)

Table with columns: Band, TX Channel, Rx Channel, Frequency (MHz), WCDMA V_Ant0, WCDMA V_Ant1, Max. Tune-up Power.

(DSI-2)

Band	GSM850_Ant0						
	Burst Averaged Power			Max. Tune-up Power	Frame Averaged Power		
Channel	128	189	251	(dBm)	128	189	251
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8
GSM	32.73	32.67	32.69	33.50	23.79	23.67	23.69
GPRS 1Tx Slot	32.85	32.70	32.60	33.50	23.85	23.70	23.60
GPRS 2Tx Slot	31.95	31.90	31.87	32.50	25.95	25.90	25.87
GPRS 3Tx Slot	30.21	30.17	30.20	31.00	25.55	25.51	25.54
GPRS 4Tx Slot	29.15	29.07	29.11	30.00	26.15	26.07	26.11
EDGE 1Tx Slot	26.91	26.86	26.89	28.00	17.91	17.86	17.89
EDGE 2Tx Slot	24.65	24.58	24.62	25.00	18.65	18.58	18.62
EDGE 3Tx Slot	22.86	22.81	22.86	23.20	18.60	18.55	18.60
EDGE 4Tx Slot	21.73	21.53	21.73	22.00	18.73	18.53	18.73

(DSI-2)

Band	GSM900_Ant1						
	Burst Averaged Power			Max. Tune-up Power	Frame Averaged Power		
Channel	128	189	251	(dBm)	128	189	251
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8
GSM	32.71	32.76	32.78	33.50	23.71	23.76	23.78
GPRS 1Tx Slot	32.73	32.72	32.80	33.50	23.73	23.72	23.80
GPRS 2Tx Slot	31.91	31.94	31.99	32.50	25.91	25.94	25.99
GPRS 3Tx Slot	30.09	30.11	30.17	31.00	25.83	25.85	25.91
GPRS 4Tx Slot	28.91	28.95	28.98	30.00	25.91	25.95	25.98
EDGE 1Tx Slot	27.01	26.93	27.03	28.00	18.01	17.93	18.03
EDGE 2Tx Slot	24.37	24.12	24.11	25.00	18.37	18.12	18.11
EDGE 3Tx Slot	22.49	22.49	22.47	23.20	18.23	18.23	18.21
EDGE 4Tx Slot	21.49	21.31	21.31	22.00	18.49	18.31	18.31

(DSI-2)

Band	GSM1900_Ant0						
	Burst Averaged Power			Max. Tune-up Power	Frame Averaged Power		
Channel	512	661	810	(dBm)	512	661	810
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8
GSM	26.68	26.90	26.50	27.50	17.68	17.90	17.50
GPRS 1Tx Slot	26.68	26.85	26.54	27.50	17.68	17.85	17.54
GPRS 2Tx Slot	26.06	26.06	25.85	26.50	20.06	20.06	19.85
GPRS 3Tx Slot	24.13	24.27	24.08	25.00	19.87	20.01	19.82
GPRS 4Tx Slot	23.04	23.10	22.95	24.00	20.04	20.10	19.95
EDGE 1Tx Slot	22.93	23.17	23.13	24.00	13.93	14.17	14.13
EDGE 2Tx Slot	20.21	20.30	20.08	21.00	14.21	14.30	14.08
EDGE 3Tx Slot	17.72	17.78	17.82	19.20	13.46	13.52	13.36
EDGE 4Tx Slot	16.53	16.60	16.44	18.00	13.53	13.60	13.44

(DSI-2)

Band	GSM1900_Ant1						
	Burst Averaged Power			Max. Tune-up Power	Frame Averaged Power		
Channel	512	661	810	(dBm)	512	661	810
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8
GSM	29.07	29.49	29.33	30.00	20.07	20.49	20.33
GPRS 1Tx Slot	29.16	29.56	29.37	30.00	20.16	20.56	20.37
GPRS 2Tx Slot	28.39	28.76	28.62	29.00	22.39	22.76	22.62
GPRS 3Tx Slot	26.48	26.91	26.96	27.50	22.22	22.65	22.90
GPRS 4Tx Slot	25.35	25.76	25.78	26.50	22.35	22.76	22.78
EDGE 1Tx Slot	25.44	25.89	25.58	26.50	16.44	16.89	16.58
EDGE 2Tx Slot	22.53	22.68	22.71	23.50	16.53	16.68	16.71
EDGE 3Tx Slot	20.53	20.64	20.52	21.00	16.27	16.38	16.26
EDGE 4Tx Slot	19.33	19.58	19.48	20.50	16.33	16.58	16.48

(DSI-2)

Band	WCDMA II_Ant0			WCDMA II_Ant1		
	TX Channel	9262	9400	9538	9262	9400
Rx Channel	9662	9800	9938	9662	9800	9938
Frequency (MHz)	1852.4	1880	1907.6	1852.4	1880	1907.6
RMC 12.2K	20.73	20.82	20.75	21.50	23.77	23.99
HSDPA Subtest-1	19.71	19.86	19.86	20.50	22.90	23.11
HSDPA Subtest-2	19.89	19.86	19.85	20.50	22.97	22.86
HSDPA Subtest-3	19.24	19.21	19.27	20.00	22.43	22.27
HSDPA Subtest-4	19.28	19.36	19.23	20.00	22.58	22.38
DC-HSDPA Subtest-1	19.81	19.78	19.80	20.50	22.76	22.81
DC-HSDPA Subtest-2	19.81	19.77	19.71	20.50	23.00	22.75
DC-HSDPA Subtest-3	19.19	19.32	19.30	20.00	22.26	22.34
DC-HSDPA Subtest-4	19.36	19.25	19.32	20.00	22.40	22.31
HSPA Subtest-1	17.58	17.42	17.45	18.50	20.60	20.59
HSPA Subtest-2	17.36	17.44	17.29	18.50	20.50	20.51
HSPA Subtest-3	18.69	18.51	18.51	19.50	21.61	21.93
HSPA Subtest-4	17.11	17.29	17.21	18.00	20.27	20.23
HSPA Subtest-5	16.28	16.13	16.12	19.50	21.39	21.20
HSPA* Subtest-1	19.60	19.56	19.66	20.00	22.62	22.92

(DSI-2)

Band	WCDMA IV_Ant0			WCDMA IV_Ant1		
	TX Channel	1312	1413	1513	1312	1413
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	19.44	19.59	19.57	20.50	23.60	23.64
HSDPA Subtest-1	18.25	18.30	18.29	19.50	22.74	22.78
HSDPA Subtest-2	18.42	18.47	18.40	19.50	22.81	22.81
HSDPA Subtest-3	17.77	17.76	17.88	19.00	22.24	22.33
HSDPA Subtest-4	17.97	17.92	17.83	19.00	22.45	22.43
DC-HSDPA Subtest-1	18.23	18.12	18.22	19.50	22.69	22.71
DC-HSDPA Subtest-2	18.31	18.40	18.28	19.50	22.80	22.79
DC-HSDPA Subtest-3	17.67	17.60	17.77	19.00	22.08	22.12
DC-HSDPA Subtest-4	17.83	17.94	17.86	19.00	22.35	22.36
HSPA Subtest-1	16.13	16.12	16.14	17.50	20.64	20.62
HSPA Subtest-2	16.23	16.37	16.49	17.50	20.68	20.76
HSPA Subtest-3	17.05	17.11	17.10	18.50	21.58	21.42
HSPA Subtest-4	15.92	16.06	16.08	17.00	20.41	20.43
HSPA Subtest-5	17.18	17.18	17.25	18.50	21.82	21.66
HSPA* Subtest-1	17.86	17.72	17.65	19.00	22.23	22.21

(DSI-2)

Band	WCDMA V_Ant0			WCDMA V_Ant1		
	TX Channel	4132	4182	4233	4132	4182
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	24.31	24.32	24.43	25.00	24.20	24.35
HSDPA Subtest-1	23.17	23.30	23.22	24.00	23.15	23.35
HSDPA Subtest-2	23.40	23.41	23.37	24.00	23.38	23.33
HSDPA Subtest-3	22.73	22.79	22.82	23.50	22.65	22.76
HSDPA Subtest-4	22.73	22.95	22.87	23.50	22.78	22.82
DC-HSDPA Subtest-1	23.16	23.19	23.20	24.00	23.14	23.23
DC-HSDPA Subtest-2	23.23	23.40	23.33	24.00	23.20	23.30
DC-HSDPA Subtest-3	22.55	22.71	22.60	23.50	22.58	22.69
DC-HSDPA Subtest-4	22.80	22.80	22.83	23.50	22.79	22.89
HSPA Subtest-1	21.30	21.22	21.34	22.00	21.29	21.31
HSPA Subtest-2	21.28	21.29	21.26	22.00	21.36	21.37
HSPA Subtest-3	22.21	22.38	22.43	23.00	22.35	22.38
HSPA Subtest-4	20.81	20.79	20.72	21.50	20.78	20.74
HSPA Subtest-5	22.21	22.13	22.39	23.00	22.23	22.28
HSPA* Subtest-1	22.60	22.70	22.74	23.50	22.67	22.72

(DSI-3)

Band	GSM850_Ant0						
	Burst Averaged Power			Max. Tune-up Power	Frame Averaged Power		
Channel	128	189	251	(dBm)	128	189	251
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8
GSM	32.73	32.67	32.69	33.50	23.79	23.67	23.69
GPRS 1Tx Slot	32.85	32.70	32.60	33.50	23.85	23.70	23.60
GPRS 2Tx Slot	31.95	31.90	31.87	32.50	25.95	25.90	25.87
GPRS 3Tx Slot	30.21	30.17	30.20	31.00	25.55	25.51	25.54
GPRS 4Tx Slot	29.15	29.07	29.11	30.00	26.15	26.07	26.11
EDGE 1Tx Slot	26.91	26.86	26.89	28.00	17.91	17.86	17.89
EDGE 2Tx Slot	24.65	24.58	24.62	25.00	18.65	18.58	18.62
EDGE 3Tx Slot	22.86	22.81	22.86	23.20	18.60	18.55	18.60
EDGE 4Tx Slot	21.73	21.53	21.73	22.00	18.73	18.53	18.73

(DSI-3)

Band	GSM900_Ant1						
	Burst Averaged Power			Max. Tune-up Power	Frame Averaged Power		
Channel	128	189	251	(dBm)	128	189	251
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8
GSM	32.71	32.76	32.78	33.50	23.71	23.76	23.78
GPRS 1Tx Slot	32.73	32.72	32.80	33.50	23.73	23.72	23.80
GPRS 2Tx Slot	31.91	31.94	31.99	32.50	25.91	25.94	25.99
GPRS 3Tx Slot	30.09	30.11	30.17	31.00	25.83	25.85	25.91
GPRS 4Tx Slot	28.91	28.95	28.98	30.00	25.91	25.95	25.98
EDGE 1Tx Slot	27.01	26.93	27.03	28.00	18.01	17.93	18.03
EDGE 2Tx Slot	24.37	24.12	24.11	25.00	18.37	18.12	18.11
EDGE 3Tx Slot	22.49	22.49	22.47	23.20	18.23	18.23	18.21
EDGE 4Tx Slot	21.49	21.31	21.31	22.00	18.49	18.31	18.31

(DSI-3)

Band	GSM1900_Ant0						
	Burst Averaged Power			Max. Tune-up Power	Frame Averaged Power		
Channel	512	661	810	(dBm)	512	661	810
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8

(DSI-4)

Band	GSM850_Ant0								
	Burst Averaged Power			Max. Tune-up Power (dBm)	Frame Averaged Power			Max. Tune-up Power (dBm)	
	128	189	251		128	189	251		
Channel	128	189	251		128	189	251		Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		Max. Tune-up Power (dBm)
GSM	32.79	32.67	32.69	33.50	23.70	23.67	23.69	24.50	
GPRS 1Tx Slot	32.85	32.70	32.60	33.50	23.85	23.70	23.60	24.50	
GPRS 2Tx Slot	31.95	31.90	31.87	32.50	25.95	25.90	25.87	26.50	
GPRS 3Tx Slot	30.21	30.17	30.20	31.00	25.95	25.91	25.94	26.74	
GPRS 4Tx Slot	29.15	29.07	29.11	30.00	26.15	26.07	26.11	27.00	
EDGE 1Tx Slot	26.91	26.86	26.89	28.00	17.91	17.86	17.89	19.00	
EDGE 2Tx Slot	24.65	24.58	24.62	25.00	18.65	18.58	18.62	19.00	
EDGE 3Tx Slot	22.86	22.81	22.86	23.20	18.60	18.55	18.60	18.94	
EDGE 4Tx Slot	21.73	21.53	21.73	22.00	18.73	18.53	18.73	19.00	

(DSI-4)

Band	GSM850_Ant1								
	Burst Averaged Power			Max. Tune-up Power (dBm)	Frame Averaged Power			Max. Tune-up Power (dBm)	
	128	189	251		128	189	251		
Channel	128 <td>189 <td>251 <td></td> <td>128 <td>189 <td>251 <td></td> <td>Max. Tune-up Power (dBm)</td> </td></td></td></td></td>	189 <td>251 <td></td> <td>128 <td>189 <td>251 <td></td> <td>Max. Tune-up Power (dBm)</td> </td></td></td></td>	251 <td></td> <td>128 <td>189 <td>251 <td></td> <td>Max. Tune-up Power (dBm)</td> </td></td></td>		128 <td>189 <td>251 <td></td> <td>Max. Tune-up Power (dBm)</td> </td></td>	189 <td>251 <td></td> <td>Max. Tune-up Power (dBm)</td> </td>	251 <td></td> <td>Max. Tune-up Power (dBm)</td>		Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		Max. Tune-up Power (dBm)
GSM	32.71	32.76	32.78	33.50	23.71	23.76	23.78	24.50	
GPRS 1Tx Slot	32.75	32.72	32.80	33.50	23.73	23.72	23.80	24.50	
GPRS 2Tx Slot	31.91	31.94	31.99	32.50	25.91	25.94	25.99	26.50	
GPRS 3Tx Slot	30.09	30.11	30.17	31.00	25.83	25.85	25.91	26.74	
GPRS 4Tx Slot	28.91	28.95	28.98	30.00	25.91	25.95	25.98	27.00	
EDGE 1Tx Slot	27.01	26.93	27.03	28.00	18.01	17.93	18.03	19.00	
EDGE 2Tx Slot	24.37	24.12	24.11	25.00	18.37	18.12	18.11	19.00	
EDGE 3Tx Slot	22.49	22.49	22.47	23.20	18.23	18.23	18.21	18.94	
EDGE 4Tx Slot	21.49	21.31	21.31	22.00	18.49	18.31	18.31	19.00	

(DSI-4)

Band	GSM1900_Ant0								
	Burst Averaged Power			Max. Tune-up Power (dBm)	Frame Averaged Power			Max. Tune-up Power (dBm)	
	512	661	810		512	661	810		
Channel	512	661	810		512	661	810		Max. Tune-up Power (dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		Max. Tune-up Power (dBm)
GSM	29.61	29.86	29.48	30.50	20.61	20.86	20.48	21.50	
GPRS 1Tx Slot	29.72	29.89	29.51	30.50	20.72	20.89	20.51	21.50	
GPRS 2Tx Slot	28.97	29.08	28.78	29.50	22.97	23.08	22.78	23.50	
GPRS 3Tx Slot	27.15	27.28	27.05	28.00	22.89	23.02	22.79	23.74	
GPRS 4Tx Slot	26.07	26.14	25.96	27.00	23.07	23.14	22.96	24.00	
EDGE 1Tx Slot	25.95	26.10	26.05	27.00	16.95	17.10	17.05	18.00	
EDGE 2Tx Slot	23.17	23.29	23.06	24.00	17.17	17.29	17.06	18.00	
EDGE 3Tx Slot	20.64	20.73	20.60	22.20	16.38	16.47	16.34	17.94	
EDGE 4Tx Slot	19.51	19.56	19.45	21.00	16.51	16.56	16.45	18.00	

(DSI-4)

Band	GSM1900_Ant1								
	Burst Averaged Power			Max. Tune-up Power (dBm)	Frame Averaged Power			Max. Tune-up Power (dBm)	
	512	661	810		512	661	810		
Channel	512	661	810		512	661	810		Max. Tune-up Power (dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		Max. Tune-up Power (dBm)
GSM	29.07	29.49	29.33	30.00	20.07	20.49	20.33	21.00	
GPRS 1Tx Slot	29.16	29.56	29.37	30.00	20.16	20.56	20.37	21.00	
GPRS 2Tx Slot	28.39	28.76	28.62	29.00	22.39	22.76	22.62	23.00	
GPRS 3Tx Slot	26.48	26.81	26.86	27.50	22.22	22.65	22.60	23.24	
GPRS 4Tx Slot	25.35	25.76	25.78	26.50	22.35	22.76	22.78	23.50	
EDGE 1Tx Slot	25.44	25.89	25.58	26.50	16.44	16.89	16.58	17.50	
EDGE 2Tx Slot	22.53	22.68	22.71	23.50	16.53	16.68	16.71	17.50	
EDGE 3Tx Slot	20.53	20.64	20.52	21.70	16.27	16.38	16.26	17.44	
EDGE 4Tx Slot	19.33	19.58	19.48	20.50	16.33	16.58	16.48	17.50	

(DSI-4)

Band	WCDMA II_Ant0								
	Burst Averaged Power			Max. Tune-up Power (dBm)	Frame Averaged Power			Max. Tune-up Power (dBm)	
	9262	9400	9538		9262	9400	9538		
TX Channel	9262	9400	9538		9262	9400	9538		Max. Tune-up Power (dBm)
Rx Channel	9662	9800	9938		9662	9800	9938		Max. Tune-up Power (dBm)
Frequency (MHz)	1852.4	1880	1907.6		1852.4	1880	1907.6		Max. Tune-up Power (dBm)
RMC 12.2K	24.25	24.33	24.07	25.00	23.77	23.99	23.79	24.50	
HSDPA Subtest-1	23.19	23.19	23.14	24.00	22.90	23.11	22.86	23.50	
HSDPA Subtest-2	23.40	23.34	23.38	24.00	22.97	22.86	22.95	23.50	
HSDPA Subtest-3	22.74	22.65	22.82	23.50	22.43	22.27	22.25	23.00	
HSDPA Subtest-4	22.78	22.81	22.77	23.50	22.58	22.38	22.44	23.00	
DC-HSDPA Subtest-1	23.30	23.33	23.24	24.00	22.76	22.81	22.86	23.50	
DC-HSDPA Subtest-2	23.24	23.22	23.25	24.00	23.00	22.75	23.01	23.50	
DC-HSDPA Subtest-3	22.73	22.79	22.82	23.50	22.26	22.34	22.22	23.00	
DC-HSDPA Subtest-4	22.86	22.80	22.76	23.50	22.40	22.31	22.41	23.00	
HSPA Subtest-1	21.01	20.92	20.89	22.00	20.60	20.59	20.54	21.50	
HSPA Subtest-2	20.82	20.99	20.75	22.00	20.50	20.51	20.54	21.50	
HSPA Subtest-3	22.11	21.97	21.96	23.00	21.61	21.93	21.68	22.50	
HSPA Subtest-4	20.62	20.76	20.63	21.50	20.27	20.23	20.32	21.00	
HSPA Subtest-5	21.70	21.61	21.64	23.00	21.39	21.20	21.44	22.50	
HSPA+ Subtest-1	23.10	23.05	23.10	23.50	22.82	22.92	22.73	23.00	

(DSI-4)

Band	WCDMA IV_Ant0								
	Burst Averaged Power			Max. Tune-up Power (dBm)	Frame Averaged Power			Max. Tune-up Power (dBm)	
	1312	1413	1513		1312	1413	1513		
TX Channel	1312	1413	1513		1312	1413	1513		Max. Tune-up Power (dBm)
Rx Channel	1537	1638	1738		1537	1638	1738		Max. Tune-up Power (dBm)
Frequency (MHz)	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		Max. Tune-up Power (dBm)
RMC 12.2K	23.59	24.01	23.95	25.00	23.60	23.64	23.54	24.50	
HSDPA Subtest-1	22.80	22.84	22.77	23.50	22.74	22.78	22.71	23.50	
HSDPA Subtest-2	22.90	22.94	22.89	24.00	22.81	22.81	22.93	23.50	
HSDPA Subtest-3	22.22	22.21	22.30	23.50	22.24	22.33	22.22	23.00	
HSDPA Subtest-4	22.40	22.42	22.31	23.50	22.45	22.43	22.45	23.00	
DC-HSDPA Subtest-1	22.66	22.63	22.64	24.00	22.69	22.71	22.62	23.50	
DC-HSDPA Subtest-2	22.80	22.81	22.79	24.00	22.80	22.79	22.81	23.50	
DC-HSDPA Subtest-3	22.10	22.10	22.18	23.50	22.08	22.12	22.15	23.00	
DC-HSDPA Subtest-4	22.37	22.37	22.29	23.50	22.35	22.36	22.25	23.00	
HSPA Subtest-1	20.56	20.58	20.56	22.00	20.64	20.62	20.66	21.50	
HSPA Subtest-2	20.71	20.80	20.94	22.00	20.68	20.76	20.80	21.50	
HSPA Subtest-3	21.56	21.64	21.54	23.00	21.58	21.42	21.49	22.50	
HSPA Subtest-4	20.36	20.54	20.29	21.50	20.41	20.43	20.36	21.00	
HSPA Subtest-5	21.68	21.70	21.68	23.00	21.82	21.66	21.74	22.50	
HSPA+ Subtest-1	22.28	22.26	22.18	23.50	22.23	22.23	22.21	23.00	

(DSI-4)

Band	WCDMA V_Ant0								
	Burst Averaged Power			Max. Tune-up Power (dBm)	Frame Averaged Power			Max. Tune-up Power (dBm)	
	4132 <th>4182 <th>4233</th> <th>4132 <th>4182 <th>4233</th> </th></th></th>	4182 <th>4233</th> <th>4132 <th>4182 <th>4233</th> </th></th>	4233		4132 <th>4182 <th>4233</th> </th>	4182 <th>4233</th>	4233		
TX Channel	4132	4182	4233		4132	4182	4233		Max. Tune-up Power (dBm)
Rx Channel	4357	4407	4458		4357	4407	4458		Max. Tune-up Power (dBm)
Frequency (MHz)	826.4	836.4	846.6		826.4	836.4	846.6		Max. Tune-up Power (dBm)
RMC 12.2K	24.31	24.32	24.43	25.00	24.20	24.35	24.40	25.00	
HSDPA Subtest-1	23.17	23.30	23.22	24.00	23.15	23.35	23.28	24.00	
HSDPA Subtest-2	23.40	23.41	23.37	24.00	23.38	23.33	23.44	24.00	
HSDPA Subtest-3	22.73	22.79	22.82	23.50	22.65	22.76	22.80	23.50	
HSDPA Subtest-4	22.73	22.95	22.87	23.50	22.78	22.82	22.84	23.50	
DC-HSDPA Subtest-1	23.16	23.19	23.20	24.00	23.14	23.23	23.14	24.00	
DC-HSDPA Subtest-2	23.23	23.40	23.33	24.00	23.20	23.30	23.40	24.00	
DC-HSDPA Subtest-3	22.55	22.71	22.60	23.50	22.58	22.69	22.57	23.50	
DC-HSDPA Subtest-4	22.80	22.80	22.85	23.50	22.79	22.89	22.89	23.50	
HSPA Subtest-1	21.30	21.22	21.34	22.00	21.29	21.31	21.31	22.00	
HSPA Subtest-2	21.28	21.29	21.26	22.00	21.36	21.37	21.31	22.00	
HSPA Subtest-3	22.21	22.38	22.43	23.00	22.35	22.38	22.36	23.00	
HSPA Subtest-4	20.81	20.79	20.72	21.50	20.78	20.74	20.68	21.50	
HSPA Subtest-5	22.21	22.13	22.30	23.00	22.23	22.28	22.20	23.00	

(Default)

LTE Band 2_Ant0										
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	Max. Tune-up (dBm)	
				18975	18980	19125				
		Channel	Frequency (MHz)	1887.5	1880	1902.5				
20	QPSK	1	0	24.42	24.47	24.31	0	25		
		1	50	24.59	24.62	24.42	0	25		
		1	99	24.39	24.61	24.19	0	25		
		50	0	23.57	23.61	23.55	1	24		
		50	25	23.68	23.73	23.87	1	24		
		50	50	23.64	23.55	23.52	1	24		
		100	0	23.58	23.62	23.53	1	24		
		1	0	23.65	23.71	23.54	1	24		
		1	50	23.84	23.85	23.65	1	24		
		1	99	23.64	23.70	23.40	1	24		
		50	0	22.55	22.52	22.57	2	23		
		50	25	22.68	22.71	22.54	2	23		
	50	50	22.61	22.64	22.48	2	23			
	100	0	22.54	22.60	22.47	2	23			
	64QAM	1	0	22.63	22.65	22.51	2	23		
		1	50	22.81	22.83	22.62	2	23		
		1	99	22.66	22.59	22.37	2	23		
		50	0	21.55	21.60	21.57	3	22		
		50	25	21.70	21.73	21.56	3	22		
		50	50	21.63	21.64	21.51	3	22		
		100	0	21.59	21.62	21.53	3	22		
		15	QPSK	1	0	24.38	24.42	24.28	0	25
				1	37	24.46	24.59	24.30	0	25
				1	74	24.35	24.47	24.06	0	25
36				0	23.51	23.56	23.44	1	24	
36				19	23.65	23.62	23.55	1	24	
36	39			23.58	23.54	23.41	1	24		
75	0			23.48	23.48	23.46	1	24		
1	0			23.64	23.59	23.49	1	24		
1	37			23.71	23.74	23.64	1	24		
1	74			23.59	23.68	23.34	1	24		
36	0			22.47	22.47	22.48	2	23		
36	19			22.54	22.56	22.50	2	23		
36	39		22.59	22.58	22.43	2	23			
75	0		22.48	22.56	22.44	2	23			
64QAM	1		0	22.48	22.61	22.45	2	23		
	1		37	22.78	22.70	22.54	2	23		
	1		74	22.65	22.45	22.32	2	23		
	36		0	21.54	21.48	21.50	3	22		
	36		19	21.56	21.65	21.45	3	22		
	36		39	21.61	21.54	21.39	3	22		
	75		0	21.53	21.58	21.39	3	22		
	10		QPSK	1	0	24.36	24.38	24.24	0	25
				1	24	24.56	24.49	24.41	0	25
				1	49	24.25	24.55	24.06	0	25
		25		0	23.56	23.56	23.48	1	24	
		25		12	23.63	23.70	23.53	1	24	
25		25		23.62	23.63	23.37	1	24		
50		0		23.55	23.60	23.52	1	24		
16QAM		1		0	23.58	23.60	23.53	1	24	
		1		24	23.79	23.70	23.63	1	24	
		1		49	23.54	23.56	23.33	1	24	
		25		0	22.49	22.47	22.44	2	23	
		25		12	22.64	22.62	22.43	2	23	
		25	25	22.53	22.52	22.42	2	23		
		50	0	22.46	22.48	22.42	2	23		
		64QAM	1	0	22.56	22.61	22.42	2	23	
			1	24	22.67	22.61	22.55	2	23	
			1	49	22.59	22.54	22.22	2	23	
			25	0	21.54	21.54	21.44	3	22	
			25	12	21.64	21.58	21.44	3	22	
25			25	21.62	21.57	21.40	3	22		
50			0	21.57	21.59	21.39	3	22		
5			QPSK	1	0	24.30	24.34	24.18	0	25
				1	12	24.56	24.56	24.32	0	25
				1	24	24.27	24.57	24.17	0	25
	12			0	23.50	23.59	23.40	1	24	
	12			6	23.61	23.70	23.45	1	24	
	12	13		23.58	23.50	23.49	1	24		
	25	0		23.56	23.60	23.47	1	24		
	16QAM	1		0	23.64	23.56	23.52	1	24	
		1		12	23.69	23.70	23.60	1	24	
		1		24	23.63	23.68	23.29	1	24	
		12		0	22.52	22.57	22.53	2	23	
		12		6	22.60	22.64	22.44	2	23	
		12	13	22.58	22.57	22.40	2	23		
		25	0	22.42	22.58	22.43	2	23		
		64QAM	1	0	22.57	22.60	22.47	2	23	
			1	12	22.69	22.72	22.59	2	23	
			1	24	22.65	22.53	22.35	2	23	
			12	0	21.46	21.47	21.47	3	22	
			12	6	21.64	21.65	21.50	3	22	
	12		13	21.51	21.55	21.49	3	22		
	25		0	21.49	21.55	21.45	3	22		
	3		QPSK	1	0	24.31	24.46	24.19	0	25
				1	7	24.47	24.47	24.33	0	25
				1	14	24.25	24.58	24.18	0	25
8				0	23.42	23.49	23.49	1	24	
8				3	23.62	23.69	23.56	1	24	
8		7		23.49	23.53	23.38	1	24		
15		0		23.49	23.60	23.44	1	24		
16QAM		1		0	23.58	23.56	23.46	1	24	
		1		7	23.69	23.81	23.54	1	24	
		1		14	23.58	23.66	23.26	1	24	
		8		0	22.50	22.56	22.53	2	23	
		8		3	22.60	22.57	22.41	2	23	
		8	7	22.54	22.54	22.40	2	23		
		15	0	22.40	22.56	22.37	2	23		
		64QAM	1	0	22.58	22.72	22.58	2	23	
			1	14	22.58	22.50	22.28	2	23	
			8	0	21.45	21.54	21.50	3	22	
			8	3	21.62	21.65	21.47	3	22	
			8	7	21.62	21.61	21.42	3	22	
15			0	21.56	21.55	21.40	3	22		
1.4			QPSK	1	0	24.29	24.36	24.17	0	25
				1	2	24.49	24.48	24.29	0	25
				1	5	24.35	24.60	24.04	0	25
				3	0	24.24	24.42	24.25	0	25
	3			1	24.42	24.41	24.24	0	25	
	3			3	24.36	24.38	24.29	0	25	
	6	0		23.47	23.60	23.52	1	24		
	16QAM	1		0	23.59	23.66	23.39	1	24	
		1		2	23.81	23.75	23.63	1	24	
		1		5	23.53	23.62	23.29	1	24	
		3		0	23.31	23.43	23.35	1	24	
		3		1	23.35	23.50	23.30	1	24	
		3	3	23.38	23.37	23.26	1	24		
		6	0	22.42	22.51	22.35	2	23		
		64QAM	1	0	22.50	22.52	22.47	2	23	
			1	2	22.69	22.73	22.55	2	23	
			1	5	22.57	22.55	22.34	2	23	
			3	0	22.34	22.39	22.26	2	23	
			3	1	22.48	22.47	22.35	2	23	
	3		3	22.41	22.40	22.27	2	23		
	6		0	21.54	21.54	21.45	3	22		

LTE Band 2_Ant1										
BW (MHz)	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	Max. Tune-up (dBm)	
				18975	18980	19125				
		Channel	Frequency (MHz)	1887.5	1880	1902.5				
20	QPSK	1	0	23.77	23.72	23.75	0	24.5		
		1	50	23.91	23.95	23.83	0	24.5		
		1	99	23.73	23.88	23.71	0	24.5		
		50	0	22.82	22.87	22.72	1	23.5		
		50	25	22.90	22.99	22.76	1	23.5		
		50	50	22.85	22.95	22.84	1	23.5		
		100	0	22.76	22.87	22.84	1	23.5		
		16QAM	1	0	23.03	22.93	22.94	1	23.5	
			1	50	23.19	23.04	23.11	1	23.5	
			1	99	23.04	23.17	23.12	1	23.5	
			50	0	21.91	21.76	21.87	2	22.5	
			50	25	22.01	22.00	21.90	2	22.5	
	50		50	21.86	21.76	21.84	2	22.5		
	100		0	21.86	21.85	21.85	2	22.5		
	64QAM		1	0	22.03	21.98	21.98	2	22.5	
			1	50	22.16	22.07	22.01	2	22.5	
			1	99	21.99	21.88	21.98	2	22.5	
			50	0	20.93	20.86	20.82	3	21.5	
			50	25	21.05	20.90	20.97	3	21.5	
		50	50	20.95	20.82	20.80	3	21.5		
		100	0	20.93	20.87	20.86	3	21.5		
		15	QPSK	1	0	23.76	23.57	23.63	0	24.5
				1	37	23.88	23.84	23.69	0	24.5
				1	74	23.60	23.77	23.61	0	24.5
36				0	22.80	22.72	22.65	1	23.5	
36				19	22.69	22.85	22.77	1	23.5	
36	39			22.75	22.90	22.85	1	23.5		
75	0			22.62	22.82	22.69	1	23.5		
16QAM	1			0	22.83	22.99	22.79	1	23.5	
	1			37	23.13	23.02	23.03	1	23.5	
	1			74	23.20	23.07	23.06	1	23.5	
	36			0	21.84	21.74	21.78	2	22.5	
	36			19	22.00	21.97	21.85	2	22.5	
	36		39	21.79	21.72	21.78	2	22.5		
	75		0	21.82	21.79	21.71	2	22.5		
	64QAM		1	0	21.92	21.87	21.91	2	22.5	
			1							

(Default)

LTE Band 4_Ant0										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR [dB]	Max. Tune-up [dBm]	Max. Tune-up [dBm]	
				20000	20175	20350				
		Channel	Frequency (MHz)	1715	1732.5	1750				
20	QPSK	50	0	24.15	24.16	24.09	0	25		
			1	24.34	24.35	24.29	0	25		
			1	24.17	24.21	24.14	0	25		
			50	23.24	23.35	23.34	1	24		
			50	25	23.44	23.46	23.38	1	24	
			50	50	23.42	23.32	23.35	1	24	
			100	0	23.32	23.33	23.30	1	24	
			1	0	23.30	23.27	23.18	1	24	
			1	50	23.58	23.44	23.46	1	24	
			1	99	23.39	23.37	23.42	1	24	
			50	0	22.22	22.30	22.32	2	23	
			50	25	22.39	22.40	22.36	2	23	
	50	50	22.39	22.27	22.31	2	23			
	100	0	22.31	22.28	22.30	2	23			
	1	0	22.34	22.30	22.21	2	23			
	1	50	22.48	22.47	22.43	2	23			
	1	99	22.28	22.38	22.24	2	23			
	50	0	21.22	21.34	21.31	3	22			
	50	25	21.38	21.41	21.36	3	22			
	50	50	21.38	21.29	21.31	3	22			
	100	0	21.30	21.31	21.29	3	22			
	15	QPSK	36	0	24.05	24.09	24.00	0	25	
				1	24.28	24.21	24.19	0	25	
				1	24.10	24.08	24.09	0	25	
36				0	23.09	23.29	23.20	1	24	
36				19	23.33	23.41	23.29	1	24	
36				39	23.33	23.26	23.31	1	24	
75				0	23.30	23.29	23.20	1	24	
1				0	23.27	23.28	23.16	1	24	
1				37	23.57	23.30	23.43	1	24	
1				74	23.36	23.34	23.34	1	24	
36				0	22.08	22.26	22.20	2	23	
36				19	22.35	22.31	22.24	2	23	
36		39	22.30	22.20	22.29	2	23			
75		0	22.18	22.15	22.29	2	23			
1		0	22.27	22.16	22.06	2	23			
1		37	22.40	22.40	22.34	2	23			
1		74	22.23	22.23	22.20	2	23			
36		0	21.07	21.25	21.30	3	22			
36		19	21.32	21.29	21.32	3	22			
36		39	21.36	21.27	21.27	3	22			
75		0	21.22	21.27	21.27	3	22			
10		QPSK	25	0	24.10	24.05	24.03	0	25	
				1	24	24.31	24.30	24.28	0	25
				1	49	24.10	24.14	24.10	0	25
	25			0	23.14	23.31	23.29	1	24	
	25			12	23.29	23.38	23.24	1	24	
	25			25	23.37	23.23	23.25	1	24	
	50			0	23.31	23.23	23.15	1	24	
	1			0	23.21	23.22	23.07	1	24	
	1			24	23.52	23.37	23.41	1	24	
	1			49	23.35	23.25	23.41	1	24	
	25			0	22.14	22.20	22.23	2	23	
	25			12	22.29	22.31	22.30	2	23	
	25	25	22.24	22.23	22.25	2	23			
	50	0	22.17	22.21	22.26	2	23			
	1	0	22.32	22.19	22.20	2	23			
	1	24	22.36	22.44	22.30	2	23			
	1	49	22.23	22.36	22.14	2	23			
	25	0	21.09	21.28	21.19	3	22			
	25	12	21.33	21.35	21.27	3	22			
	25	25	21.33	21.16	21.17	3	22			
	50	0	21.19	21.19	21.15	3	22			
	5	QPSK	12	0	24.00	24.05	24.01	0	25	
				1	24.25	24.21	24.14	0	25	
				1	24	24.06	24.16	24.01	0	25
12				0	23.09	23.24	23.06	1	24	
12				6	23.38	23.32	23.26	1	24	
12				13	23.27	23.19	23.30	1	24	
25				0	23.20	23.25	23.22	1	24	
1				0	23.25	23.12	23.03	1	24	
1				12	23.50	23.30	23.33	1	24	
1				24	23.28	23.23	23.40	1	24	
12				6	22.33	22.28	22.26	2	23	
12				13	22.35	22.17	22.19	2	23	
25		0	22.24	22.20	22.28	2	23			
1		0	22.33	22.20	22.15	2	23			
1		12	22.33	22.46	22.40	2	23			
1		24	22.22	22.31	22.11	2	23			
12		0	21.11	21.26	21.20	3	22			
12		6	21.29	21.34	21.21	3	22			
12		13	21.24	21.15	21.23	3	22			
25		0	21.28	21.23	21.23	3	22			
3		QPSK	8	0	24.03	24.09	24.06	0	25	
				1	7	24.22	24.34	24.20	0	25
				1	14	24.05	24.17	24.09	0	25
				8	0	23.15	23.28	23.31	1	24
	8			3	23.33	23.38	23.33	1	24	
	8			7	23.36	23.30	23.32	1	24	
	15			0	23.18	23.30	23.24	1	24	
	1			0	23.28	23.15	23.16	1	24	
	1			7	23.53	23.32	23.41	1	24	
	1			14	23.28	23.31	23.36	1	24	
	8			0	22.10	22.29	22.30	2	23	
	8			3	22.26	22.31	22.22	2	23	
	8	7	22.33	22.16	22.27	2	23			
	15	0	22.27	22.21	22.27	2	23			
	1	0	22.30	22.23	22.07	2	23			
	1	7	22.47	22.44	22.39	2	23			
	1	14	22.16	22.35	22.10	2	23			
	8	0	21.10	21.19	21.28	3	22			
	8	3	21.35	21.27	21.28	3	22			
	8	7	21.25	21.19	21.20	3	22			
	15	0	21.17	21.30	21.21	3	22			
	1.4	QPSK	3	0	24.02	24.11	24.02	0	25	
				1	2	24.32	24.29	24.20	0	25
				1	5	24.16	24.10	24.10	0	25
3				0	23.98	24.11	24.01	0	25	
3				1	24.18	24.18	24.10	0	25	
3				3	24.20	24.00	24.05	0	25	
6				0	23.26	23.22	23.20	1	24	
1				0	23.23	23.22	23.15	1	24	
1				2	23.44	23.43	23.34	1	24	
1				5	23.26	23.23	23.29	1	24	
3				0	22.93	23.06	23.07	1	24	
3				1	23.13	23.13	23.08	1	24	
3		3	23.17	22.97	23.03	1	24			
6		0	22.30	22.22	22.28	2	23			
1		0	22.28	22.20	22.11	2	23			
1		2	22.43	22.42	22.36	2	23			
1		5	22.16	22.27	22.22	2	23			
3		0	21.90	22.05	22.12	2	23			
3		1	22.16	22.15	22.13	2	23			
3		3	22.14	21.98	21.98	2	23			
6		0	21.24	21.29	21.16	3	22			

LTE Band 4_Ant1										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR [dB]	Max. Tune-up [dBm]	Max. Tune-up [dBm]	
				20000	20175	20350				
		Channel	Frequency (MHz)	1715	1732.5	1750				
20	QPSK	50	0	23.65	23.61	23.55	0	24.5		
			1	23.79	23.78	23.76	0	24.5		
			1	99	23.65	23.65	23.64	0	24.5	
			50	0	22.67	22.74	22.76	1	23.5	
			50	25	22.85	22.87	22.78	1	23.5	
			50	50	22.63	22.72	22.65	1	23.5	
			100	0	22.59	22.71	22.62	1	23.5	
			1	0	22.77	22.91	22.82	1	23.5	
			1	50	22.85	22.93	22.95	1	23.5	
			1	99	22.66	22.81	22.69	1	23.5	
			50	0	21.55	21.67	21.63	2	22.5	
			50	25	21.69	21.84	21.69	2	22.5	
	50	50	21.62	21.67	21.66	2	22.5			
	100	0	21.62	21.68	21.64	2	22.5			
	1	0	21.79	21.80	21.74	2	22.5			
	1	50	21.90	21.92	21.79	2	22.5			
	1	99	21.77	21.82	21.75	2	22.5			
	50	0	20.68	20.73	20.68	3	21.5			
	50	25	20.73	20.86	20.77	3	21.5			
	50	50	20.67	20.74	20.68	3	21.5			
	100	0	20.59	20.72	20.58	3	21.5			
	15	QPSK	36	0	23.61	23.46	23.44	0	24.5	
				1	37	23.75	23.71	23.63	0	24.5
				1	74	23.63	23.58	23.60	0	24.5
36				0	22.63	22.67	22.59	1	23.5	
36				19	22.72	22.83	22.65	1	23.5	
36				39	22.61	22.59	22.51	1	23.5	
75				0	22.52	22.66	22.57	1	23.5	
1				0	22.76	22.76	22.68	1	23.5	
1				37	22.81	22.90	22.89	1	23.5	
1				74	22.62	22.69	22.60	1	23.5	
36				0	21.49	21.57	21.58	2	22.5	
36				19	21.63	21.71	21.61	2	22.5	
36		39	21.55	21.56	21.54	2	22.5			
75		0	21.55	21.60	21.50	2	22.5			
1		0	21.77	21.72	21.70	2	22.5			
1		37	21.86	21.89	21.75	2	22.5			
1		74	21.72	21.77	21.69	2	22.5			
36		0	20.68	20.68	20.68	3	21.5			
36										

(Default)

LTE Band 5_Ant0									
BW [MHz]	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			
10	QPSK	1	0	24.86	24.83	24.77	0	25.5	
		1	24	24.85	24.73	24.75	0	25.5	
		1	49	24.79	24.68	24.63	0	25.5	
		25	0	23.97	23.85	23.82	1	24.5	
		25	12	23.92	23.79	23.80	1	24.5	
		25	25	23.89	23.84	23.70	1	24.5	
		50	0	24.11	24.08	23.74	1	24.5	
		1	0	24.02	23.97	23.92	1	24.5	
		1	24	23.91	23.93	23.86	1	24.5	
	16QAM	1	49	23.87	23.86	23.70	1	24.5	
		25	0	22.91	22.89	22.78	2	23.5	
		25	12	22.97	22.88	22.83	2	23.5	
		25	25	22.89	22.82	22.73	2	23.5	
		50	0	22.90	23.03	22.75	2	23.5	
		64QAM	1	0	23.16	23.06	23.00	2	23.5
			1	24	23.12	23.05	22.94	2	23.5
			1	49	23.03	23.02	22.87	2	23.5
			25	0	21.94	21.84	21.80	3	22.5
	25		12	22.00	21.91	21.86	3	22.5	
	25		25	21.92	21.87	21.73	3	22.5	
	50		0	21.95	21.86	21.77	3	22.5	
	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		826.5	836.5	846.5				
	5	QPSK	1	0	24.81	24.74	24.69	0	25.5
			1	12	24.82	24.65	24.67	0	25.5
			1	24	24.72	24.57	24.58	0	25.5
			12	0	23.86	23.81	23.58	1	24.5
12			6	23.84	23.74	23.77	1	24.5	
12			13	23.78	23.82	23.56	1	24.5	
25			0	23.85	23.96	23.68	1	24.5	
16QAM			1	0	24.00	23.82	23.89	1	24.5
			1	12	23.81	23.91	23.84	1	24.5
		1	24	23.83	23.78	23.56	1	24.5	
		12	0	22.90	22.75	22.66	2	23.5	
		12	6	22.93	22.87	22.73	2	23.5	
		12	13	22.77	22.71	22.70	2	23.5	
		25	0	22.84	22.88	22.65	2	23.5	
		64QAM	1	0	23.07	23.00	22.93	2	23.5
			1	12	23.01	22.91	22.85	2	23.5
1			24	22.94	22.90	22.77	2	23.5	
12			0	21.82	21.70	21.75	3	22.5	
12			6	21.98	21.78	21.76	3	22.5	
12			13	21.89	21.74	21.71	3	22.5	
25			0	21.80	21.77	21.75	3	22.5	
Channel			20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)		
Frequency (MHz)			825.5	836.5	847.5				
3		QPSK	1	0	24.78	24.80	24.72	0	25.5
			1	7	24.75	24.60	24.70	0	25.5
			1	14	24.68	24.54	24.61	0	25.5
			8	0	23.80	23.77	23.69	1	24.5
	8		3	23.82	23.76	23.67	1	24.5	
	8		7	23.76	23.83	23.58	1	24.5	
	15		0	23.86	24.02	23.64	1	24.5	
	16QAM		1	0	23.90	23.82	23.86	1	24.5
			1	7	23.78	23.83	23.71	1	24.5
		1	14	23.86	23.77	23.61	1	24.5	
		8	0	22.78	22.74	22.70	2	23.5	
		8	3	22.85	22.86	22.73	2	23.5	
		8	7	22.82	22.73	22.63	2	23.5	
		15	0	22.82	22.94	22.73	2	23.5	
		64QAM	1	0	23.14	22.96	22.96	2	23.5
			1	7	23.01	23.01	22.91	2	23.5
	1		14	22.98	22.96	22.83	2	23.5	
	8		0	21.86	21.77	21.70	3	22.5	
	8		3	21.87	21.87	21.72	3	22.5	
	8		7	21.89	21.73	21.68	3	22.5	
	15		0	21.81	21.76	21.70	3	22.5	
	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		824.7	836.5	848.3				
	1.4	QPSK	1	0	24.73	24.77	24.76	0	25.5
			1	2	24.80	24.67	24.63	0	25.5
			1	5	24.65	24.63	24.55	0	25.5
			3	0	24.65	24.67	24.52	0	25.5
3			1	24.68	24.51	24.47	0	25.5	
3			3	24.69	24.53	24.42	0	25.5	
6			0	23.82	24.09	23.71	1	24.5	
16QAM			1	0	23.95	23.83	23.91	1	24.5
			1	2	23.87	23.82	23.76	1	24.5
		1	5	23.81	23.81	23.55	1	24.5	
		3	0	23.69	23.61	23.50	1	24.5	
		3	1	23.71	23.57	23.61	1	24.5	
		3	3	23.58	23.55	23.43	1	24.5	
		6	0	22.79	23.01	22.66	2	23.5	
		64QAM	1	0	23.07	22.95	22.90	2	23.5
			1	2	23.00	23.03	22.81	2	23.5
1			5	22.88	23.00	22.76	2	23.5	
3			0	22.73	22.59	22.48	2	23.5	
3			1	22.80	22.61	22.67	2	23.5	
3			3	22.59	22.68	22.52	2	23.5	
6			0	21.85	21.83	21.64	3	22.5	

LTE Band 5_Ant1									
BW [MHz]	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			
10	QPSK	1	0	24.82	24.79	24.73	0	25.5	
		1	24	24.85	24.81	24.76	0	25.5	
		1	49	24.77	24.71	24.60	0	25.5	
		25	0	23.88	23.78	23.77	1	24.5	
		25	12	23.92	23.87	23.81	1	24.5	
		25	25	23.87	23.80	23.70	1	24.5	
		50	0	23.90	23.81	23.76	1	24.5	
		1	0	23.83	23.86	23.80	1	24.5	
		1	24	23.94	23.91	23.91	1	24.5	
	16QAM	1	49	23.93	23.84	23.64	1	24.5	
		25	0	22.86	22.78	22.78	2	23.5	
		25	12	22.94	22.88	22.83	2	23.5	
		25	25	22.91	22.85	22.72	2	23.5	
		50	0	22.89	22.79	22.75	2	23.5	
		64QAM	1	0	23.08	22.95	22.97	2	23.5
			1	24	23.04	23.06	22.87	2	23.5
			1	49	23.05	22.97	22.84	2	23.5
			25	0	21.90	21.81	21.81	3	22.5
	25		12	21.96	21.91	21.84	3	22.5	
	25		25	21.93	21.83	21.74	3	22.5	
	50		0	21.91	21.84	21.77	3	22.5	
	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		826.5	836.5	846.5				
	5	QPSK	1	0	24.81	24.65	24.68	0	25.5
			1	12	24.78	24.71	24.70	0	25.5
			1	24	24.72	24.64	24.50	0	25.5
			12	0	23.73	23.68	23.72	1	24.5
12			6	23.80	23.64	23.67	1	24.5	
12			13	23.74	23.73	23.57	1	24.5	
25			0	23.79	23.80	23.75	1	24.5	
16QAM			1	0	23.76	23.64	23.72	1	24.5
			1	12	23.63	23.76	23.80	1	24.5
		1	24	23.61	23.77	23.58	1	24.5	
		12	0	22.73	22.69	22.72	2	23.5	
		12	6	22.88	22.83	22.73	2	23.5	
		12	13	22.81	22.72	22.68	2	23.5	
		25	0	22.86	22.68	22.70	2	23.5	
		64QAM	1	0	23.01	22.81	22.84	2	23.5
			1	12	22.92	22.92	22.83	2	23.5
1			24	22.99	22.95	22.80	2	23.5	
12			0	21.81	21.67	21.71	3	22.5	
12			6	21.83	21.80	21.78	3	22.5	
12			13	21.84	21.69	21.73	3	22.5	
25			0	21.89	21.81	21.73	3	22.5	
Channel			20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)		
Frequency (MHz)			825.5	836.5	847.5				
3		QPSK	1	0	24.68	24.68	24.67	0	25.5
			1	7	24.78	24.66	24.61	0	25.5
			1	14	24.67	24.70	24.45	0	25.5
			8	0	23.83	23.77	23.62	1	24.5
	8		3	23.86	23.85	23.76	1	24.5	
	8		7	23.74	23.69	23.65	1	24.5	
	15		0	23.82	23.75	23.62	1	24.5	
	16QAM		1	0	23.80	23.76	23.65	1	24.5
			1	7	23.90	23.80	23.87	1	24.5
		1	14	23.91	23.80	23.63	1	24.5	
		8	0	22.81	22.72	22.66	2	23.5	
		8	3	22.79	22.78	22.72	2	23.5	
		8	7	22.79	22.77	22.63	2	23.5	
		15	0	22.74	22.73	22.73	2	23.5	
		64QAM	1	0	22.94	22.86	22.94	2	23.5
			1	7	22.96	23.02	22.72	2	23.5
	1		14	22.97	22.89	22.78	2	23.5	
	8		0	21.76	21.79	21.78	3	22.5	
	8		3	21.95	21.88	21.80	3	22.5	
	8		7	21.89	21.81	21.71	3	22.5	
	15		0	21.84	21.79	21.67	3	22.5	
	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		824.7	836.5	848.3				
	1.4	QPSK	1	0</					

(Default)

LTE Band 7_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		20850	21100	21350			
		Frequency (MHz)		2510	2535	2560			
20	QPSK	1	0	24.05	24.00	23.80	0	25	
		1	50	24.10	24.03	23.86	0	25	
		1	99	23.86	23.77	23.57	0	25	
		50	0	23.14	23.02	23.00	1	24	
		50	25	23.22	23.16	23.05	1	24	
		50	50	23.11	23.10	22.77	1	24	
		100	0	23.13	23.03	22.87	1	24	
		1	0	23.25	23.16	23.01	1	24	
		1	50	23.37	23.24	23.04	1	24	
		1	99	23.05	23.02	23.78	1	24	
	50	0	22.14	22.04	21.96	2	23		
	50	25	22.17	22.37	21.74	2	23		
	50	50	22.07	22.39	21.79	2	23		
	100	0	22.08	22.41	21.83	2	23		
	1	0	22.15	22.55	22.04	2	23		
	1	50	22.32	22.60	22.06	2	23		
	1	99	22.01	22.27	21.76	2	23		
	50	0	21.21	21.53	21.02	3	22		
	50	25	21.28	21.66	21.00	3	22		
	50	50	21.60	21.55	20.81	3	22		
	100	0	21.18	21.57	20.92	3	22		
	15	QPSK	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)		2507.5	2535	2562.5		
			1	0	23.97	23.99	23.74	0	25
1			37	23.95	23.92	23.81	0	25	
1			74	23.71	23.75	23.47	0	25	
36			0	23.02	22.94	22.85	1	24	
36			19	23.10	23.07	22.80	1	24	
36			39	23.03	23.00	22.75	1	24	
75			0	23.01	22.91	22.76	1	24	
1			0	23.13	23.09	22.96	1	24	
1		37	23.28	23.10	23.01	1	24		
1		74	22.97	22.97	23.76	1	24		
36		0	22.04	21.93	21.88	2	23		
36		19	22.13	22.22	21.64	2	23		
36		39	22.04	22.26	21.67	2	23		
75		0	21.97	22.33	21.81	2	23		
1		0	22.05	22.49	21.99	2	23		
1		37	22.20	22.52	21.93	2	23		
1		74	21.97	22.19	21.73	2	23		
36		0	21.17	21.39	20.93	3	22		
36		19	21.22	21.59	20.90	3	22		
36		39	21.48	21.40	20.80	3	22		
75		0	21.05	21.42	20.78	3	22		
10		QPSK	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
	Frequency (MHz)		2505	2535	2565				
	1		0	23.92	23.88	23.68	0	25	
	1		24	24.01	23.96	23.82	0	25	
	1		49	23.74	23.69	23.51	0	25	
	25		0	23.11	22.88	22.99	1	24	
	25		12	23.09	23.05	22.84	1	24	
	25		25	23.07	23.08	22.70	1	24	
	50		0	23.05	22.97	22.86	1	24	
	1		0	23.16	23.15	22.98	1	24	
	1	24	23.25	23.13	22.92	1	24		
	1	49	22.90	22.88	23.77	1	24		
	25	0	22.00	22.03	21.81	2	23		
	25	12	22.04	22.22	21.60	2	23		
	25	25	22.00	22.26	21.71	2	23		
	50	0	22.00	22.40	21.73	2	23		
	1	0	22.07	22.53	21.91	2	23		
	1	24	22.23	22.56	21.96	2	23		
	1	49	21.98	22.25	21.61	2	23		
	25	0	21.19	21.40	20.87	3	22		
	25	12	21.15	21.56	20.90	3	22		
	25	25	21.46	21.43	20.72	3	22		
	50	0	21.13	21.48	20.81	3	22		
	5	QPSK	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
Frequency (MHz)			2502.5	2535	2567.5				
1			0	23.95	23.90	23.71	0	25	
1			12	23.99	23.92	23.79	0	25	
1			24	23.76	23.75	23.51	0	25	
12			0	23.10	23.00	22.89	1	24	
12			6	23.08	23.12	22.79	1	24	
12			13	22.96	22.97	22.74	1	24	
25			0	23.06	22.94	22.85	1	24	
1			0	23.21	23.07	22.93	1	24	
1		12	23.25	23.09	22.97	1	24		
1		24	22.98	22.88	23.77	1	24		
12		0	21.99	21.91	21.89	2	23		
12		6	22.05	22.29	21.62	2	23		
12		13	21.92	22.25	21.70	2	23		
25		0	22.07	22.37	21.73	2	23		
1		0	22.11	22.48	21.99	2	23		
1		12	22.28	22.57	21.92	2	23		
1		24	21.94	22.26	21.69	2	23		
12		0	21.07	21.51	20.94	3	22		
12		6	21.24	21.51	20.95	3	22		
12		13	21.56	21.52	20.79	3	22		
25		0	21.10	21.55	20.88	3	22		

LTE Band 7_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		20850	21100	21350			
		Frequency (MHz)		2510	2535	2560			
20	QPSK	1	0	23.60	23.68	23.21	0	24.5	
		1	50	23.75	23.81	23.38	0	24.5	
		1	99	23.47	23.46	22.67	0	24.5	
		50	0	22.75	22.70	22.13	1	23.5	
		50	25	22.77	22.88	22.19	1	23.5	
		50	50	22.69	22.75	21.92	1	23.5	
		100	0	22.59	22.76	22.12	1	23.5	
		1	0	22.73	22.78	22.30	1	23.5	
		1	50	22.76	22.91	22.38	1	23.5	
		1	99	22.49	22.75	21.91	1	23.5	
	50	0	21.50	21.67	21.37	2	22.5		
	50	25	21.67	21.83	21.24	2	22.5		
	50	50	21.61	21.76	21.16	2	22.5		
	100	0	21.63	21.66	21.39	2	22.5		
	1	0	21.78	21.78	21.75	2	22.5		
	1	50	21.85	21.92	21.68	2	22.5		
	1	99	21.60	21.68	21.38	2	22.5		
	50	0	20.78	20.73	20.69	3	21.5		
	50	25	20.80	20.86	20.63	3	21.5		
	50	50	20.72	20.77	20.39	3	21.5		
	100	0	20.74	20.73	20.58	3	21.5		
	15	QPSK	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)		2507.5	2535	2562.5		
			1	0	23.47	23.61	23.16	0	24.5
1			37	23.70	23.72	23.25	0	24.5	
1			74	23.34	23.34	22.63	0	24.5	
36			0	22.67	22.59	22.09	1	23.5	
36			19	22.62	22.77	22.06	1	23.5	
36			39	22.58	22.60	21.87	1	23.5	
75			0	22.49	22.66	22.04	1	23.5	
1			0	22.60	22.73	22.21	1	23.5	
1		37	22.62	22.85	22.29	1	23.5		
1		74	22.34	22.69	21.79	1	23.5		
36		0	21.49	21.65	21.23	2	22.5		
36		19	21.60	21.75	21.19	2	22.5		
36		39	21.46	21.66	21.07	2	22.5		
75		0	21.49	21.52	21.37	2	22.5		
1		0	21.65	21.76	21.60	2	22.5		
1		37	21.81	21.85	21.53	2	22.5		
1		74	21.51	21.67	21.36	2	22.5		
36		0	20.67	20.63	20.64	3	21.5		
36		19	20.68	20.82	20.59	3	21.5		
36		39	20.57	20.63	20.25	3	21.5		
75		0	20.71	20.65	20.48	3	21.5		
10		QPSK	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)
	Frequency (MHz)		2505	2535	2565				
	1		0	23.53	23.56	23.20	0	24.5	
	1		24	23.74	23.67	23.67	0	24.5	
	1		49	23.35	23.33	22.60	0	24.5	
	25		0	22.62	22.58	22.18	1	23.5	
	25		12	22.63	22.74	21.96	1	23.5	
	25		25	22.58	22.67	21.90	1	23.5	
	50		0	22.44	22.61	22.00	1	23.5	
	1		0	22.61	22.76	22.26	1	23.5	
	1	24	22.72	22.81	22.36	1	23.5		
	1	49	22.35	22.64	21.85	1	23.5		
	25	0	21.40	21.64	21.28	2	22.5		
	25	12	21.59	21.73	21.10	2	22.5		
	25	25	21.47	21.75	21.12	2	22.5		
	50	0	21.53	21.63	21.38	2	22.5		
	1	0	21.70	21.74	21.74	2	22.5		
	1	24	21.79	21.90	21.64	2	22.5		
	1	49	21.57	21.62	21.30	2	22.5		
	25	0	20.73	20.65	20.65	3	21.5		
	25	12	20.65	20.73	20.56	3	21.5		
	25	25	20.61	20.62	20.25	3	21.5		
	50	0	20.73	20.64	20.46	3	21.5		
	5	QPSK	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)
Frequency (MHz)			2502.5	2535	2567.5				
1			0	23.51	23.55	23.08	0	24.5	
1			12	23.61	23.79	23.29	0	24.5	
1			24	23.42	23.41	22.59	0	24.5	
12			0	22.75	22.64	22.17	1	23.5	
12			6	22.68	22.84	22.05	1	23.5	
12			13	22.66	22.74	21.83	1	23.5	
25			0	22.49	22.68	22.06	1	23.5	
1			0	22.68	22.65	22.16	1	23.5	
1		12	22.75	22.81	22.23	1	23.5		
1		24	22.36	22.60	21.83	1	23.5		
12		0	21.37	21.54	21.35	2	22.5		
12		6	21.55	21.73	21.14	2	22.5		
12		13	21.49	21.66	21.06	2	22.5		
25		0	21.50	21.63	21.36	2	22.5		
1		0	21.64	21.64	21.72	2	22.5		
1		12	21.74	21.83	21.55	2	22.5		
1		24	21.57	21.59	21.23	2	22.5		
12		0	20.73	20.72	20.66	3	21.5		
12		6	20.68	20.75	20.57	3	21.5		
12		13	20.58	20.75	20.27	3	21.5		
25		0	20.71	20.63	20.44	3	21.5		

(Default)

LTE Band 12_Ant0										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Channel	Frequency (MHz)	23060	23095	23130				
10	QPSK	1	0	24.84	24.82	24.76	0	25.5		
		1	24	24.89	24.84	24.79	0	25.5		
		1	49	24.70	24.58	24.66	0	25.5		
		25	0	23.83	23.78	23.73	1	24.5		
		25	12	23.89	23.80	23.85	1	24.5		
		25	25	23.79	23.65	23.69	1	24.5		
		50	0	23.82	23.70	23.76	1	24.5		
		1	0	23.49	23.43	23.42	1	24.5		
		1	24	23.54	23.52	23.49	1	24.5		
		1	49	23.39	23.27	23.33	1	24.5		
		25	0	22.84	22.74	22.76	2	23.5		
		25	12	22.91	22.78	22.89	2	23.5		
	25	25	22.83	22.78	22.74	2	23.5			
	50	0	22.80	22.78	22.71	2	23.5			
	16QAM	1	0	23.19	23.10	23.08	2	23.5		
		1	24	23.01	22.92	22.98	2	23.5		
		1	49	23.05	23.04	22.90	2	23.5		
		25	0	21.86	21.72	21.85	3	22.5		
		25	12	21.89	21.85	21.74	3	22.5		
		25	25	21.76	21.71	21.73	3	22.5		
		50	0	21.83	21.69	21.75	3	22.5		
		64QAM	1	0	23.19	23.10	23.08	2	23.5	
			1	24	23.01	22.92	22.98	2	23.5	
			1	49	23.05	23.04	22.90	2	23.5	
25			0	21.86	21.72	21.85	3	22.5		
25			12	21.89	21.85	21.74	3	22.5		
25	25		21.76	21.71	21.73	3	22.5			
50	0		21.83	21.69	21.75	3	22.5			
1	0		23.19	23.10	23.08	2	23.5			
1	24		23.01	22.92	22.98	2	23.5			
1	49		23.05	23.04	22.90	2	23.5			
25	0		21.86	21.72	21.85	3	22.5			
25	12		21.89	21.85	21.74	3	22.5			
25	25	21.76	21.71	21.73	3	22.5				
50	0	21.83	21.69	21.75	3	22.5				
5	QPSK	1	0	24.81	24.78	24.71	0	25.5		
		1	12	24.85	24.83	24.69	0	25.5		
		1	24	24.67	24.49	24.52	0	25.5		
		12	0	23.68	23.68	23.72	1	24.5		
		12	6	23.86	23.65	23.72	1	24.5		
		12	13	23.73	23.63	23.62	1	24.5		
		25	0	23.75	23.63	23.66	1	24.5		
		16QAM	1	0	23.39	23.30	23.33	1	24.5	
			1	12	23.48	23.42	23.37	1	24.5	
			1	24	23.28	23.17	23.23	1	24.5	
			12	0	22.69	22.64	22.72	2	23.5	
			12	6	22.86	22.67	22.76	2	23.5	
	12		13	22.75	22.74	22.60	2	23.5		
	25		0	22.79	22.67	22.65	2	23.5		
	64QAM		1	0	23.13	22.99	22.98	2	23.5	
			1	12	22.94	22.87	22.94	2	23.5	
			1	24	23.02	23.02	22.78	2	23.5	
			12	0	21.81	21.70	21.80	3	22.5	
			12	6	21.82	21.80	21.71	3	22.5	
		12	13	21.66	21.64	21.69	3	22.5		
		25	0	21.71	21.63	21.70	3	22.5		
		3	QPSK	1	0	24.79	24.80	24.63	0	25.5
				1	7	24.76	24.73	24.74	0	25.5
				1	14	24.65	24.44	24.59	0	25.5
8				0	23.70	23.68	23.59	1	24.5	
8				3	23.88	23.75	23.79	1	24.5	
8	7			23.66	23.59	23.58	1	24.5		
15	0			23.68	23.55	23.66	1	24.5		
16QAM	1			0	23.37	23.31	23.33	1	24.5	
	1			7	23.45	23.37	23.43	1	24.5	
	1			14	23.35	23.25	23.29	1	24.5	
	8			0	22.70	22.60	22.73	2	23.5	
	8			3	22.81	22.63	22.85	2	23.5	
	8		7	22.74	22.72	22.61	2	23.5		
	15		0	22.67	22.76	22.62	2	23.5		
	64QAM		1	0	23.13	23.05	23.03	2	23.5	
			1	7	22.91	22.87	22.95	2	23.5	
			1	14	22.90	22.92	22.77	2	23.5	
			8	0	21.79	21.71	21.84	3	22.5	
			8	3	21.82	21.75	21.71	3	22.5	
8			7	21.65	21.66	21.71	3	22.5		
15			0	21.78	21.63	21.67	3	22.5		
1.4			QPSK	1	0	24.79	24.68	24.73	0	25.5
				1	2	24.86	24.71	24.72	0	25.5
				1	5	24.55	24.47	24.61	0	25.5
		3		0	24.53	24.51	24.50	0	25.5	
		3		1	24.62	24.49	24.58	0	25.5	
	3	3		24.56	24.37	24.48	0	25.5		
	6	0		23.79	23.56	23.66	1	24.5		
	16QAM	1		0	23.44	23.28	23.39	1	24.5	
		1		2	23.40	23.43	23.34	1	24.5	
		1		5	23.38	23.19	23.30	1	24.5	
		3		0	23.54	23.55	23.43	1	24.5	
		3		1	23.64	23.52	23.66	1	24.5	
		3	3	23.61	23.59	23.53	1	24.5		
		6	0	22.74	22.69	22.64	2	23.5		
		64QAM	1	0	23.16	23.07	22.96	2	23.5	
			1	2	22.91	22.86	22.94	2	23.5	
			1	5	23.03	22.98	22.78	2	23.5	
			3	0	22.64	22.51	22.54	2	23.5	
			3	1	22.64	22.64	22.43	2	23.5	
	3		3	22.45	22.51	22.54	2	23.5		
	6		0	21.76	21.63	21.61	3	22.5		

LTE Band 12_Ant1										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Channel	Frequency (MHz)	23060	23095	23130				
10	QPSK	1	0	24.95	24.93	24.91	0	25.5		
		1	24	24.96	24.98	24.92	0	25.5		
		1	49	24.76	24.84	24.79	0	25.5		
		25	0	23.93	24.01	23.95	1	24.5		
		25	12	23.90	23.99	23.94	1	24.5		
		25	25	23.62	23.74	23.69	1	24.5		
		50	0	23.86	23.96	23.87	1	24.5		
		1	0	23.92	23.95	23.92	1	24.5		
		1	24	24.05	24.18	24.05	1	24.5		
		1	49	23.81	23.90	23.77	1	24.5		
		25	0	22.83	22.91	22.84	2	23.5		
		25	12	22.86	22.99	22.87	2	23.5		
	25	25	22.62	22.74	22.61	2	23.5			
	50	0	22.74	22.82	22.71	2	23.5			
	16QAM	1	0	22.86	22.96	22.93	2	23.5		
		1	24	23.01	23.07	23.06	2	23.5		
		1	49	22.87	22.90	22.80	2	23.5		
		25	0	21.90	21.91	21.77	3	22.5		
		25	12	21.85	21.99	21.96	3	22.5		
		25	25	21.72	21.83	21.81	3	22.5		
		50	0	21.71	21.84	21.77	3	22.5		
		64QAM	1	0	22.86	22.96	22.93	2	23.5	
			1	24	23.01	23.07	23.06	2	23.5	
			1	49	22.87	22.90	22.80	2	23.5	
25			0	21.90	21.91	21.77	3	22.5		
25			12	21.85	21.99	21.96	3	22.5		
25	25		21.72	21.83	21.81	3	22.5			
50	0		21.71	21.84	21.77	3	22.5			
5	QPSK		1	0	24.84	24.92	24.90	0	25.5	
			1	12	24.93	24.92	24.79	0	25.5	
			1	24	24.70	24.71	24.66	0	25.5	
			12	0	23.88	23.95	23.94	1	24.5	
			12	6	23.78	23.64	23.87	1	24.5	
		12	13	23.57	23.70	23.58	1	24.5		
		25	0	23.76	23.69	23.80	1	24.5		
		16QAM	1	0	23.77	23.85	23.83	1	24.5	
			1	12	23.92	24.07	23.97	1	24.5	
			1	24	23.69	23.88	23.68	1	24.5	
			12	0	22.77	22.82	22.72	2	23.5	
			12	6	22.75	22.93	22.73	2	23.5	
	12		13	22.58	22.72	22.47	2	23.5		
	25		0	22.59	22.75	22.59	2	23.5		
	64QAM		1	0	22.81	22.86	22.86	2	23.5	
			1	12	22.96	23.04	23.02	2	23.5	
			1	24	22.83	22.75	22.72	2	23.5	
			12	0	21.78	21.84	21.71	3	22.5	
			12	6	21.73	21.96	21.87	3	22.5	
		12	13	21.70	21.80	21.68	3	22.5		
		25	0	21.64	21.80	21.73	3	22.5		
		3	QPSK	1	0	24.86	24.90	24.84	0	25.5
				1	7	24.90	24.94	24.77	0	25.5
				1	14	24.65	24.75	24.68	0	25.5
8				0	23.90	23.89	23.82	1	24.5	
8				3	23.80	23.96	23.88	1	24.5	
8	7			23.51	23.67	23.60	1	24.5		
15	0			23.71	23.82	23.85	1	24.5		
16QAM	1			0	23.83	23.86	23.81	1	24.5	
	1			7	23.96	24.12	23.96	1	24.5	
	1			14	23.66	23.83	23.71	1	24.5	
	8			0	22.75	22.87	22.75	2	23.5	
	8			3	22.83	22.87	22.74	2	23.5	
	8		7	22.49	22.70	22.57	2	23.5		
	15		0	22.64	22.78	22.64	2			

(Default)

LTE Band 13_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel			23230				
		Frequency (MHz)			782				
10	QPSK	1	0		24.71		0	25.5	
		1	24		24.74		0	25.5	
		1	49		24.62		0	25.5	
		25	0		23.66		1	24.5	
		25	12		23.76		1	24.5	
		25	25		23.66		1	24.5	
		50	0		23.70		1	24.5	
		1	0		23.39		1	24.5	
		1	24		23.47		1	24.5	
		1	49		23.33		1	24.5	
	25	0		22.73		2	23.5		
	25	12		22.82		2	23.5		
	25	25		22.68		2	23.5		
	50	0		22.71		2	23.5		
	1	0		22.90		2	23.5		
	1	24		22.91		2	23.5		
	1	49		22.92		2	23.5		
	25	0		21.74		3	22.5		
	25	12		21.79		3	22.5		
	25	25		21.67		3	22.5		
	50	0		21.68		3	22.5		
	BW [MHz]	Modulation	Channel	23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	779.5	782	784.5			
	5	QPSK	1	0	24.69	24.65	24.63	0	25.5
			1	12	24.73	24.70	24.72	0	25.5
1			24	24.63	24.58	24.60	0	25.5	
12			0	23.70	23.60	23.71	1	24.5	
12			6	23.78	23.70	23.77	1	24.5	
12			13	23.69	23.61	23.66	1	24.5	
25			0	23.71	23.65	23.72	1	24.5	
1			0	23.35	23.34	23.39	1	24.5	
1			12	23.40	23.42	23.45	1	24.5	
1			24	23.31	23.28	23.33	1	24.5	
12		0	22.73	22.69	22.75	2	23.5		
12		6	22.75	22.77	22.69	2	23.5		
12		13	22.60	22.63	22.61	2	23.5		
25		0	22.68	22.65	22.66	2	23.5		
1		0	22.81	22.80	22.78	2	23.5		
1		12	22.83	22.85	22.81	2	23.5		
1		24	22.82	22.84	22.85	2	23.5		
12		0	21.76	21.70	21.69	3	22.5		
12		6	21.75	21.72	21.73	3	22.5		
12		13	21.64	21.61	21.65	3	22.5		
25		0	21.63	21.62	21.64	3	22.5		

LTE Band 13_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel			23230				
		Frequency (MHz)			782				
10	QPSK	1	0		24.70		0	25.5	
		1	24		24.77		0	25.5	
		1	49		24.59		0	25.5	
		25	0		23.65		1	24.5	
		25	12		23.76		1	24.5	
		25	25		23.64		1	24.5	
		50	0		23.66		1	24.5	
		1	0		23.77		1	24.5	
		1	24		23.81		1	24.5	
		1	49		23.48		1	24.5	
	25	0		22.67		2	23.5		
	25	12		22.66		2	23.5		
	25	25		22.50		2	23.5		
	50	0		22.46		2	23.5		
	1	0		22.83		2	23.5		
	1	24		22.96		2	23.5		
	1	49		22.64		2	23.5		
	25	0		21.61		3	22.5		
	25	12		21.78		3	22.5		
	25	25		21.69		3	22.5		
	50	0		21.58		3	22.5		
	BW [MHz]	Modulation	Channel	23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	779.5	782	784.5			
	5	QPSK	1	0	24.27	24.38	24.22	0	25.5
			1	12	24.33	24.43	24.29	0	25.5
1			24	24.20	24.31	24.15	0	25.5	
12			0	23.31	23.30	23.36	1	24.5	
12			6	23.38	23.35	23.32	1	24.5	
12			13	23.28	23.39	23.24	1	24.5	
25			0	23.30	23.29	23.27	1	24.5	
1			0	23.41	23.47	23.40	1	24.5	
1			12	23.48	23.57	23.48	1	24.5	
1			24	23.35	23.38	23.33	1	24.5	
12		0	22.30	22.29	22.28	2	23.5		
12		6	22.32	22.36	22.31	2	23.5		
12		13	22.29	22.30	22.36	2	23.5		
25		0	22.27	22.31	22.32	2	23.5		
1		0	22.40	22.45	22.41	2	23.5		
1		12	22.47	22.53	22.50	2	23.5		
1		24	22.31	22.35	22.30	2	23.5		
12		0	21.31	21.30	21.32	3	22.5		
12		6	21.35	21.39	21.40	3	22.5		
12		13	21.32	21.33	21.35	3	22.5		
25		0	21.37	21.34	21.36	3	22.5		

(Default)

LTE Band 17_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23780	23790	23800			
		Frequency (MHz)		709	710	711			
10	QPSK	1	0	24.75	24.83	24.76	0	25.5	
		1	24	24.79	24.88	24.80	0	25.5	
		1	49	24.57	24.71	24.62	0	25.5	
		25	0	23.70	23.81	23.70	1	24.5	
		25	12	23.79	23.88	23.83	1	24.5	
		25	25	23.66	23.76	23.72	1	24.5	
		50	0	23.82	23.84	23.81	1	24.5	
		1	0	23.95	23.98	23.91	1	24.5	
		1	24	24.07	24.08	24.01	1	24.5	
		1	49	23.71	23.81	23.76	1	24.5	
	16QAM	25	0	22.85	22.88	22.78	2	23.5	
		25	12	22.81	22.94	22.82	2	23.5	
		25	25	22.74	22.83	22.76	2	23.5	
		50	0	22.72	22.85	22.81	2	23.5	
		1	0	22.94	23.01	22.97	2	23.5	
		1	24	22.96	23.06	22.93	2	23.5	
		1	49	22.81	22.83	22.68	2	23.5	
		25	0	21.84	21.87	21.80	3	22.5	
		25	12	21.79	21.94	21.87	3	22.5	
		25	25	21.84	21.91	21.84	3	22.5	
	64QAM	50	0	21.73	21.83	21.71	3	22.5	
		Channel		23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		706.5	710	713.5			
		1	0	24.63	24.71	24.67			0
		5	QPSK	1	12	24.64	24.77	24.73	0
1				24	24.53	24.61	24.51	0	25.5
12				0	23.55	23.71	23.55	1	24.5
12				6	23.75	23.87	23.73	1	24.5
12				13	23.56	23.74	23.58	1	24.5
25				0	23.76	23.72	23.73	1	24.5
16QAM	1			0	23.88	23.84	23.87	1	24.5
	1			12	23.93	24.05	23.92	1	24.5
	1			24	23.68	23.75	23.70	1	24.5
	12			0	22.81	22.73	22.67	2	23.5
	12		6	22.67	22.84	22.78	2	23.5	
	12		13	22.71	22.68	22.69	2	23.5	
	25		0	22.57	22.73	22.67	2	23.5	
	64QAM		1	0	22.86	22.88	22.84	2	23.5
			1	12	22.86	23.01	22.91	2	23.5
			1	24	22.78	22.77	22.58	2	23.5
12			0	21.76	21.80	21.70	3	22.5	
12			6	21.78	21.80	21.73	3	22.5	
12			13	21.74	21.86	21.81	3	22.5	
25			0	21.63	21.76	21.64	3	22.5	

LTE Band 17_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23780	23790	23800			
		Frequency (MHz)		709	710	711			
10	QPSK	1	0	24.84	24.92	24.85	0	25.5	
		1	24	24.93	24.97	24.87	0	25.5	
		1	49	24.69	24.83	24.82	0	25.5	
		25	0	23.76	23.89	23.74	1	24.5	
		25	12	23.92	24.01	23.92	1	24.5	
		25	25	23.79	23.84	23.71	1	24.5	
		50	0	23.90	23.91	23.76	1	24.5	
		1	0	23.62	23.71	23.63	1	24.5	
		1	24	24.07	24.19	24.12	1	24.5	
		1	49	23.91	23.95	23.92	1	24.5	
	16QAM	25	0	22.98	23.02	22.92	2	23.5	
		25	12	22.91	23.05	22.90	2	23.5	
		25	25	22.81	22.87	22.79	2	23.5	
		50	0	22.84	22.87	22.81	2	23.5	
		1	0	22.99	23.04	22.92	2	23.5	
		1	24	23.17	23.21	23.12	2	23.5	
		1	49	22.86	22.97	22.96	2	23.5	
		25	0	21.94	22.04	22.00	3	22.5	
		25	12	21.95	21.96	21.82	3	22.5	
		25	25	21.83	21.97	21.91	3	22.5	
	64QAM	50	0	21.82	21.91	21.79	3	22.5	
		Channel		23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		706.5	710	713.5			
		1	0	24.78	24.82	24.78			0
		5	QPSK	1	12	24.92	24.85	24.80	0
1				24	24.62	24.75	24.80	0	25.5
12				0	23.63	23.74	23.71	1	24.5
12				6	23.91	23.97	23.90	1	24.5
12				13	23.72	23.69	23.58	1	24.5
25				0	23.67	23.60	23.67	1	24.5
16QAM	1			0	23.47	23.62	23.53	1	24.5
	1			12	23.98	24.14	24.06	1	24.5
	1			24	23.81	23.81	23.85	1	24.5
	12			0	22.94	22.97	22.80	2	23.5
	12		6	22.84	23.04	22.86	2	23.5	
	12		13	22.79	22.76	22.66	2	23.5	
	25		0	22.74	22.75	22.80	2	23.5	
	64QAM		1	0	22.91	22.98	22.81	2	23.5
			1	12	23.03	23.08	22.98	2	23.5
			1	24	22.79	22.94	22.81	2	23.5
12			0	21.90	22.02	21.86	3	22.5	
12			6	21.89	21.83	21.76	3	22.5	
12			13	21.82	21.91	21.79	3	22.5	
25			0	21.71	21.87	21.65	3	22.5	

(Default)

LTE Band 26_Ant0										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)		
				26765	26865	26965				
		Channel		26765	26865	26965				
		Frequency (MHz)		821.5	831.5	841.5				
15	QPSK	1	0	24.50	24.61	24.70	0	25.5		
		1	37	24.54	24.65	24.73	0	25.5		
		1	74	24.76	24.69	24.56	0	25.5		
		36	0	23.91	23.82	23.73	1	24.5		
		36	19	23.95	23.88	23.75	1	24.5		
		36	39	23.87	23.84	23.67	1	24.5		
		75	0	23.90	23.86	23.70	1	24.5		
		1	0	23.92	23.91	23.78	1	24.5		
		1	37	23.97	23.95	23.85	1	24.5		
		1	74	23.91	23.90	23.88	1	24.5		
		36	0	22.91	22.83	22.69	2	23.5		
		36	19	22.98	22.84	22.77	2	23.5		
	36	39	22.89	22.71	22.66	2	23.5			
	75	0	22.88	22.85	22.71	2	23.5			
	1	0	22.86	22.80	22.88	2	23.5			
	1	37	22.98	22.94	22.78	2	23.5			
	1	74	22.90	22.88	22.77	2	23.5			
	36	0	21.93	21.85	21.76	3	22.5			
	36	19	21.98	21.87	21.78	3	22.5			
	36	39	21.92	21.81	21.69	3	22.5			
	75	0	21.88	21.80	21.70	3	22.5			
	10	QPSK	1	0	24.85	24.80	24.63	0	25.5	
			1	24	24.90	24.73	24.71	0	25.5	
			1	49	24.71	24.68	24.43	0	25.5	
25			0	23.84	23.81	23.59	1	24.5		
25			12	23.89	23.85	23.72	1	24.5		
25			25	23.79	23.72	23.61	1	24.5		
50			0	23.80	23.83	23.55	1	24.5		
1			0	23.86	23.83	23.71	1	24.5		
1			24	23.82	23.90	23.77	1	24.5		
1			49	23.87	23.78	23.77	1	24.5		
25			0	22.80	22.68	22.58	2	23.5		
25			12	22.86	22.76	22.68	2	23.5		
25		25	22.76	22.57	22.59	2	23.5			
50		0	22.78	22.75	22.65	2	23.5			
1		0	22.75	22.77	22.86	2	23.5			
1		24	22.84	22.93	22.69	2	23.5			
1		49	22.88	22.76	22.69	2	23.5			
25		0	21.90	21.83	21.68	3	22.5			
25		12	21.86	21.74	21.73	3	22.5			
25		25	21.81	21.75	21.62	3	22.5			
50		0	21.87	21.66	21.59	3	22.5			
5		QPSK	1	0	24.88	24.68	24.65	0	25.5	
			1	12	24.80	24.80	24.65	0	25.5	
			1	24	24.67	24.55	24.45	0	25.5	
	12		0	23.83	23.77	23.60	1	24.5		
	12		6	23.91	23.83	23.73	1	24.5		
	12		13	23.72	23.74	23.58	1	24.5		
	25		0	23.75	23.80	23.57	1	24.5		
	1		0	23.90	23.79	23.66	1	24.5		
	1		12	23.85	23.93	23.76	1	24.5		
	1		24	23.87	23.83	23.80	1	24.5		
	12		0	22.89	22.77	22.62	2	23.5		
	12		6	22.92	22.76	22.65	2	23.5		
	12	13	22.78	22.62	22.59	2	23.5			
	25	0	22.78	22.81	22.69	2	23.5			
	1	0	22.80	22.68	22.84	2	23.5			
	1	12	22.96	22.89	22.72	2	23.5			
	1	24	22.84	22.85	22.66	2	23.5			
	12	0	21.90	21.78	21.65	3	22.5			
	12	6	21.84	21.76	21.70	3	22.5			
	12	13	21.84	21.68	21.65	3	22.5			
	25	0	21.75	21.68	21.67	3	22.5			
	3	QPSK	1	0	24.85	24.74	24.69	0	25.5	
			1	7	24.83	24.75	24.72	0	25.5	
			1	14	24.62	24.55	24.54	0	25.5	
8			0	23.77	23.81	23.71	1	24.5		
8			3	23.82	23.83	23.74	1	24.5		
8			7	23.80	23.75	23.66	1	24.5		
15			0	23.77	23.78	23.66	1	24.5		
1			0	23.91	23.82	23.84	1	24.5		
1			7	23.86	23.88	23.70	1	24.5		
1			14	23.84	23.77	23.87	1	24.5		
8			0	22.81	22.79	22.57	2	23.5		
8			3	22.84	22.73	22.76	2	23.5		
8		7	22.77	22.60	22.65	2	23.5			
15		0	22.86	22.75	22.56	2	23.5			
1		0	22.81	22.76	22.75	2	23.5			
1		7	22.92	22.92	22.69	2	23.5			
1		14	22.81	22.85	22.65	2	23.5			
8		0	21.81	21.81	21.70	3	22.5			
8		3	21.91	21.74	21.78	3	22.5			
8		7	21.83	21.69	21.57	3	22.5			
15		0	21.85	21.77	21.62	3	22.5			
1.4		QPSK	1	0	24.79	24.68	24.59	0	25.5	
			1	2	24.79	24.83	24.59	0	25.5	
			1	5	24.64	24.57	24.51	0	25.5	
	3		0	24.61	24.53	24.46	0	25.5		
	3		1	24.73	24.59	24.43	0	25.5		
	3		3	24.57	24.55	24.36	0	25.5		
	6		0	23.86	23.73	23.65	1	24.5		
	1		0	23.78	23.88	23.77	1	24.5		
	1		2	23.90	23.92	23.82	1	24.5		
	1		5	23.78	23.84	23.85	1	24.5		
	3		0	23.72	23.52	23.50	1	24.5		
	3		1	23.76	23.60	23.57	1	24.5		
	3	3	23.58	23.42	23.45	1	24.5			
	6	0	22.73	22.72	22.65	2	23.5			
	1	0	22.74	22.76	22.81	2	23.5			
	1	2	22.85	22.82	22.72	2	23.5			
	1	5	22.76	22.85	22.71	2	23.5			
	3	0	22.70	22.61	22.45	2	23.5			
	3	1	22.70	22.58	22.52	2	23.5			
	3	3	22.71	22.48	22.42	2	23.5			
	6	0	21.85	21.73	21.55	3	22.5			

LTE Band 26_Ant1										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)		
				26765	26865	26965				
		Channel		26765	26865	26965				
		Frequency (MHz)		821.5	831.5	841.5				
15	QPSK	1	0	24.72	24.63	24.56	0	25.5		
		1	37	24.70	24.61	24.55	0	25.5		
		1	74	24.59	24.53	24.40	0	25.5		
		36	0	23.68	23.61	23.55	1	24.5		
		36	19	23.73	23.64	23.57	1	24.5		
		36	39	23.66	23.60	23.48	1	24.5		
		75	0	23.66	23.62	23.54	1	24.5		
		1	0	23.94	23.85	23.84	1	24.5		
		1	37	23.99	23.90	23.79	1	24.5		
		1	74	23.76	23.84	23.49	1	24.5		
		36	0	22.69	22.60	22.59	2	23.5		
		36	19	22.75	22.67	22.56	2	23.5		
	36	39	22.72	22.63	22.50	2	23.5			
	75	0	22.68	22.66	22.53	2	23.5			
	1	0	22.93	22.79	22.80	2	23.5			
	1	37	22.86	22.77	22.79	2	23.5			
	1	74	22.75	22.65	22.65	2	23.5			
	36	0	21.72	21.65	21.60	3	22.5			
	36	19	21.78	21.68	21.62	3	22.5			
	36	39	21.73	21.67	21.52	3	22.5			
	75	0	21.70	21.64	21.54	3	22.5			
	10	QPSK	1	0	24.63	24.55	24.43	0	25.5	
			1	24	24.58	24.58	24.46	0	25.5	
			1	49	24.52	24.50	24.30	0	25.5	
25			0	23.64	23.54	23.54	1	24.5		
25			12	23.67	23.61	23.52	1	24.5		
25			25	23.58	23.51	23.41	1	24.5		
50			0	23.63	23.59	23.51	1	24.5		
1			0	23.86	23.78	23.70	1	24.5		
1			24	23.90	23.89	23.66	1	24.5		
1			49	23.62	23.70	23.38	1	24.5		
25			0	22.54	22.53	22.52	2	23.5		
25			12	22.73	22.54	22.42	2	23.5		
25		25	22.70	22.55	22.45	2	23.5			
50		0	22.54	22.52	22.42	2	23.5			
1		0	22.84	22.75	22.79	2	23.5			
1		24	22.82	22.66	22.67	2	23.5			
1		49	22.68	22.55	22.50	2	23.5			
25		0	21.69	21.59	21.56	3	22.5			
25		12	21.77	21.64	21.58	3	22.5			
25		25	21.69	21.57	21.46	3	22.5			
50		0	21.55	21.52	21.47	3	22.5			
5		QPSK	1	0	24.60	24.56	24.53	0	25.5	
			1	12	24.66	24.59	24.47	0		

(Default)

LTE Band 38_Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37850	38000	38150		
		Frequency (MHz)		2580	2595	2610		
20	QPSK	1	0	23.34	23.31	23.23	0	25
		1	50	24.40	24.42	24.38	0	25
		1	99	24.17	24.20	24.18	0	25
		50	0	23.26	23.22	23.17	1	24
		50	25	23.33	23.35	23.26	1	24
		50	50	23.31	23.23	23.16	1	24
		100	0	23.30	23.34	23.28	1	24
		1	0	22.37	22.30	22.23	1	24
		1	50	23.42	23.38	23.32	1	24
		1	99	23.18	23.18	23.13	1	24
	16QAM	50	0	22.28	22.22	22.15	2	23
		50	25	22.34	22.31	22.24	2	23
		50	50	22.22	22.20	22.16	2	23
		100	0	22.30	22.29	22.21	2	23
		1	0	21.23	21.17	21.10	2	23
		1	50	22.09	22.05	22.02	2	23
		1	99	21.81	21.83	21.80	2	23
		50	0	21.36	21.36	21.23	3	22
		50	25	21.43	21.41	21.33	3	22
		50	50	21.35	21.28	21.26	3	22
	64QAM	100	0	21.33	21.35	21.24	3	22
		1	0	23.32	23.18	23.10	0	25
		1	37	24.28	24.35	24.26	0	25
		1	74	24.02	24.15	24.17	0	25
36		0	23.13	23.11	23.14	1	24	
36		19	23.32	23.16	23.25	1	24	
36		39	23.22	23.17	23.15	1	24	
75		0	23.19	23.28	23.20	1	24	
1		0	22.36	22.23	22.12	1	24	
1		37	23.31	23.34	23.25	1	24	
16QAM	1	74	23.08	23.09	23.08	1	24	
	36	0	22.15	22.18	22.12	2	23	
	36	19	22.33	22.19	22.10	2	23	
	36	39	22.07	22.09	22.02	2	23	
	75	0	22.29	22.21	22.18	2	23	
	1	0	21.10	21.10	21.04	2	23	
	1	37	21.96	22.00	21.94	2	23	
	1	74	21.75	21.70	21.72	2	23	
	36	0	21.33	21.29	21.14	3	22	
	36	19	21.38	21.31	21.25	3	22	
64QAM	36	39	21.27	21.22	21.22	3	22	
	75	0	21.22	21.22	21.15	3	22	
	1	0	23.28	23.18	23.19	0	25	
	1	24	24.28	24.33	24.36	0	25	
	1	49	24.05	24.11	24.14	0	25	
	25	0	23.23	23.18	23.10	1	24	
	25	12	23.32	23.29	23.15	1	24	
	25	25	23.20	23.17	23.04	1	24	
	50	0	23.25	23.17	23.25	1	24	
	1	0	22.23	22.29	22.18	1	24	
16QAM	1	24	23.31	23.35	23.19	1	24	
	1	49	23.03	23.16	22.98	1	24	
	25	0	22.16	22.14	22.13	2	23	
	25	12	22.20	22.27	22.14	2	23	
	25	25	22.15	22.07	22.03	2	23	
	50	0	22.29	22.28	22.13	2	23	
	1	0	21.09	21.13	21.04	2	23	
	1	24	21.99	21.93	22.00	2	23	
	1	49	21.80	21.77	21.72	2	23	
	25	0	21.26	21.35	21.11	3	22	
64QAM	25	12	21.41	21.31	21.27	3	22	
	25	25	21.25	21.13	21.11	3	22	
	50	0	21.20	21.29	21.19	3	22	
	1	0	23.22	23.18	23.19	0	25	
	1	12	24.39	24.36	24.33	0	25	
	1	24	24.09	24.14	24.05	0	25	
	12	0	23.12	23.09	23.03	1	24	
	12	6	23.24	23.27	23.16	1	24	
	12	13	23.24	23.18	23.13	1	24	
	25	0	23.27	23.18	23.22	1	24	
16QAM	1	0	22.27	22.27	22.09	1	24	
	1	12	23.38	23.35	23.18	1	24	
	1	24	23.14	23.08	23.03	1	24	
	12	0	22.22	22.12	22.14	2	23	
	12	6	22.32	22.26	22.13	2	23	
	12	13	22.13	22.19	22.09	2	23	
	25	0	22.25	22.21	22.07	2	23	
	1	0	21.16	21.02	21.02	2	23	
	1	12	22.08	21.99	21.87	2	23	
	1	24	21.73	21.78	21.75	2	23	
64QAM	12	0	21.30	21.31	21.12	3	22	
	12	6	21.34	21.37	21.18	3	22	
	12	13	21.25	21.21	21.17	3	22	
	25	0	21.31	21.33	21.15	3	22	

LTE Band 38_Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		37850	38000	38150		
		Frequency (MHz)		2580	2595	2610		
20	QPSK	1	0	22.87	22.81	22.89	0	24.5
		1	50	23.38	23.36	23.34	0	24.5
		1	99	23.26	23.26	23.23	0	24.5
		50	0	22.42	22.33	22.24	1	23.5
		50	25	22.46	22.42	22.35	1	23.5
		50	50	22.31	22.30	22.28	1	23.5
		100	0	22.47	22.39	22.38	1	23.5
		1	0	21.85	21.81	21.85	1	23.5
		1	50	22.57	22.45	22.31	1	23.5
		1	99	22.24	22.24	22.14	1	23.5
	16QAM	50	0	21.44	21.33	21.26	2	22.5
		50	25	21.47	21.40	21.38	2	22.5
		50	50	21.37	21.26	21.31	2	22.5
		100	0	21.41	21.38	21.30	2	22.5
		1	0	20.67	20.56	20.53	2	22.5
		1	50	21.16	21.09	21.13	2	22.5
		1	99	20.94	20.90	20.92	2	22.5
		50	0	20.57	20.42	20.33	3	21.5
		50	25	20.63	20.57	20.36	3	21.5
		50	50	20.44	20.37	20.35	3	21.5
	64QAM	100	0	20.49	20.41	20.43	3	21.5
		1	0	25.77	25.95	26.12.5	0	24.5
		1	37	23.35	23.34	23.25	0	24.5
		1	74	23.21	23.17	23.19	0	24.5
36		0	22.32	22.22	22.23	1	23.5	
36		19	23.32	23.16	23.27	1	23.5	
36		39	22.25	22.28	22.20	1	23.5	
75		0	22.42	22.32	22.30	1	23.5	
1		0	21.70	21.71	21.61	1	23.5	
1		37	22.43	22.33	22.28	1	23.5	
16QAM	1	74	22.09	22.12	22.11	1	23.5	
	36	0	21.41	21.26	21.23	2	22.5	
	36	19	21.34	21.28	21.35	2	22.5	
	36	39	21.26	21.15	21.30	2	22.5	
	75	0	21.26	21.31	21.19	2	22.5	
	1	0	20.66	20.51	20.62	2	22.5	
	1	37	21.06	20.97	21.12	2	22.5	
	1	74	20.83	20.77	20.81	2	22.5	
	36	0	20.49	20.31	20.29	3	21.5	
	36	19	20.51	20.52	20.30	3	21.5	
64QAM	36	39	20.41	20.30	20.25	3	21.5	
	75	0	20.47	20.39	20.29	3	21.5	
	1	0	22.72	22.69	22.83	0	24.5	
	1	24	23.28	23.33	23.21	0	24.5	
	1	49	23.25	23.21	23.16	0	24.5	
	25	0	22.31	22.22	22.09	1	23.5	
	25	12	22.36	22.32	22.33	1	23.5	
	25	25	22.29	22.16	22.20	1	23.5	
	50	0	22.39	22.33	22.24	1	23.5	
	1	0	21.83	21.71	21.79	1	23.5	
16QAM	1	24	22.44	22.40	22.23	1	23.5	
	1	49	22.13	22.19	22.09	1	23.5	
	25	0	21.39	21.24	21.16	2	22.5	
	25	12	21.44	21.37	21.28	2	22.5	
	25	25	21.36	21.11	21.19	2	22.5	
	50	0	21.36	21.32	21.25	2	22.5	
	1	0	20.64	20.52	20.65	2	22.5	
	1	24	21.10	20.96	21.03	2	22.5	
	1	49	20.93	20.76	20.82	2	22.5	
	25	0	20.51	20.32	20.18	3	21.5	
64QAM	25	12	20.55	20.55	20.28	3	21.5	
	25	25	20.30	20.27	20.22	3	21.5	
	50	0	20.38	20.33	20.32	3	21.5	
	1	0	22.86	22.79	22.86	0	24.5	
	1	12	23.28	23.26	23.22	0	24.5	
	1	24	23.18	23.11	23.22	0	24.5	
	12	0	22.30	22.27	22.12	1	23.5	
	12	6	22.33	22.37	22.28	1	23.5	
	12	13	22.23	22.18	22.18	1	23.5	
	25	0	22.33	22.31	22.35	1	23.5	
16QAM	1	0	21.71	21.74	21.77	1	23.5	
	1	12	22.55	22.32	22.27	1	23.5	
	1	24	22.15	22.18	22.08	1	23.5	
	12	0	21.36	21.27	21.17	2	22.5	
	12	6	21.46	21.39	21.23	2	22.5	
	12	13	21.24	21.12	21.17	2	22.5	
	25	0	21.31	21.24	21.23	2	22.5	
	1	0	20.55	20.59	20.58	2	22.5	
	1	12	21.05					

(Default)

LTE Band 41 Ant0												
BW [MHz]	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)		
				39750	40185	40620	41055	41490				
		Channel		2995	3048.5	3093	3146.5	3190				
		Frequency (MHz)		2995	3048.5	3093	3146.5	3190				
20	QPSK	1	0	24.78	24.52	24.23	24.29	24.39	0	25		
		1	50	24.88	24.57	24.45	24.43	24.16	0	25		
		1	99	24.61	24.24	24.20	24.22	23.87	0	25		
		50	0	23.68	23.38	23.27	23.20	23.05	1	24		
		50	25	23.74	23.49	23.33	23.30	23.06	1	24		
		50	50	23.68	23.32	23.24	23.21	22.85	1	24		
		100	0	23.76	23.45	23.38	23.32	23.05	1	24		
		1	0	23.73	23.52	23.31	23.24	23.04	1	24		
		1	50	23.87	23.56	23.42	23.41	23.13	1	24		
		1	99	23.60	23.29	23.19	23.15	22.87	1	24		
		50	0	22.69	22.43	22.28	22.26	22.08	2	23		
		50	25	22.76	22.50	22.35	22.33	22.07	2	23		
	50	50	22.66	22.37	22.24	22.22	21.86	2	23			
	100	0	22.71	22.42	22.29	22.28	22.01	2	23			
	64QAM	1	0	22.41	22.45	22.25	22.23	22.01	2	23		
		1	50	22.52	22.19	22.36	22.31	22.07	2	23		
		1	99	22.24	22.21	22.14	22.12	22.31	2	23		
		50	0	21.76	21.55	21.39	21.36	21.12	3	22		
		50	25	21.84	21.60	21.46	21.42	21.13	3	22		
		50	50	21.77	21.46	21.34	21.30	21.21	3	22		
		100	0	21.75	21.51	21.36	21.33	21.05	3	22		
		15	QPSK	1	0	24.64	24.40	24.23	24.25	23.98	0	25
				1	37	24.78	24.48	24.39	24.32	24.14	0	25
				1	74	24.51	24.09	24.08	24.09	23.76	0	25
36				0	23.60	23.28	23.15	23.11	22.99	1	24	
36				19	23.73	23.34	23.26	23.23	22.95	1	24	
36	39			23.67	23.26	23.15	23.15	22.81	1	24		
75	0			23.68	23.34	23.27	23.20	22.94	1	24		
1	0			23.58	23.45	23.21	23.13	23.01	1	24		
1	37			23.79	23.42	23.40	23.27	23.09	1	24		
1	74			23.45	23.24	23.04	23.05	22.75	1	24		
36	0			22.64	22.31	22.23	22.23	21.97	2	23		
36	19			22.66	22.41	22.28	22.23	21.96	2	23		
36	39		22.64	22.23	22.20	22.09	21.74	2	23			
75	0		22.63	22.28	22.17	22.25	21.86	2	23			
1	0		22.34	22.38	21.85	22.19	21.62	2	23			
1	37		22.43	22.10	21.92	22.25	21.75	2	23			
1	74		22.16	22.15	21.76	22.08	21.43	2	23			
36	0		21.64	21.41	21.24	21.22	21.04	3	22			
36	19		21.79	21.51	21.41	21.27	21.11	3	22			
36	39		21.63	21.36	21.20	21.21	21.09	3	22			
75	0		21.63	21.37	21.32	21.18	20.96	3	22			
10	QPSK		1	0	24.74	24.50	24.26	24.19	23.97	0	25	
			1	24	24.73	24.44	24.38	24.31	24.10	0	25	
			1	49	24.47	24.20	24.15	24.14	23.80	0	25	
		25	0	23.57	23.31	23.24	23.14	23.04	1	24		
		25	12	23.69	23.39	23.18	23.16	22.97	1	24		
		25	25	23.63	23.20	23.18	23.15	22.77	1	24		
		50	0	23.65	23.40	23.26	23.31	22.97	1	24		
		1	0	23.60	23.44	23.26	23.09	22.91	1	24		
		1	24	23.81	23.54	23.41	23.39	22.99	1	24		
		1	49	23.57	23.16	23.17	23.08	22.78	1	24		
		25	0	22.62	22.30	22.14	22.15	21.94	2	23		
		25	12	22.64	22.47	22.33	22.27	21.99	2	23		
	25	25	22.52	22.30	22.20	22.14	21.81	2	23			
	50	0	22.62	22.41	22.15	22.22	21.90	2	23			
	64QAM	1	0	22.28	22.39	21.84	22.12	21.64	2	23		
		1	24	22.41	22.18	22.08	22.30	21.71	2	23		
		1	49	22.22	22.13	21.78	22.00	21.47	2	23		
		25	0	21.62	21.43	21.29	21.24	21.11	3	22		
		25	12	21.75	21.45	21.38	21.31	21.05	3	22		
		25	25	21.75	21.39	21.25	21.16	21.13	3	22		
		50	0	21.61	21.48	21.23	21.18	20.96	3	22		
		5	QPSK	1	0	24.59	24.40	24.31	24.22	23.95	0	25
				1	12	24.87	24.44	24.43	24.36	24.08	0	25
				1	24	24.59	24.14	24.14	24.08	23.76	0	25
12				0	23.55	23.32	23.21	23.10	23.02	1	24	
12				6	23.62	23.48	23.24	23.16	22.91	1	24	
12	13			23.56	23.20	23.13	23.12	22.80	1	24		
25	0			23.68	23.31	23.21	23.21	23.04	1	24		
1	0			23.62	23.46	23.30	23.16	23.01	1	24		
1	12			23.82	23.51	23.36	23.26	22.98	1	24		
1	24			23.46	23.20	23.11	23.03	22.77	1	24		
12	0			22.58	22.32	22.22	22.18	22.03	2	23		
12	6			22.62	22.37	22.29	22.21	22.90	2	23		
12	13		22.64	22.22	22.15	22.21	21.75	2	23			
25	0		22.63	22.28	22.21	22.24	21.97	2	23			
64QAM	1		0	22.39	22.43	21.82	22.13	21.68	2	23		
	1		12	22.40	22.10	21.96	22.24	21.75	2	23		
	1		24	22.10	22.07	21.82	22.05	21.38	2	23		
	12		0	21.66	21.47	21.27	21.30	21.03	3	22		
	12		6	21.71	21.54	21.33	21.36	21.10	3	22		
	12		13	21.70	21.43	21.31	21.28	21.12	3	22		
	25		0	21.61	21.38	21.29	21.30	20.97	3	22		

LTE Band 41 Ant1												
BW [MHz]	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)		
				39750	40185	40620	41055	41490				
		Channel		2995	3048.5	3093	3146.5	3190				
		Frequency (MHz)		2995	3048.5	3093	3146.5	3190				
20	QPSK	1	0	23.70	23.90	23.41	23.42	23.16	0	24.5		
		1	50	23.87	23.86	23.52	23.53	23.22	0	24.5		
		1	99	23.65	23.66	23.26	23.25	22.87	0	24.5		
		50	0	22.65	22.79	22.34	22.31	22.11	1	23.5		
		50	25	22.77	22.86	22.44	22.40	22.17	1	23.5		
		50	50	22.69	22.68	22.35	22.29	21.94	1	23.5		
		100	0	22.76	22.85	22.45	22.38	22.10	1	23.5		
		1	0	22.57	22.85	22.43	22.41	22.18	1	23.5		
		1	50	22.86	22.94	22.49	22.50	22.27	1	23.5		
		1	99	22.65	22.62	22.27	22.25	21.93	1	23.5		
		50	0	21.67	21.81	21.37	21.35	21.16	2	22.5		
		50	25	21.70	21.86	21.43	21.42	21.20	2	22.5		
	50	50	21.67	21.73	21.31	21.35	21.00	2	22.5			
	100	0	21.71	21.80	21.41	21.39	21.10	2	22.5			
	64QAM	1	0	21.33	21.55	21.42	21.34	21.17	2	22.5		
		1	50	21.50	21.58	21.45	21.46	21.18	2	22.5		
		1	99	21.22	21.58	21.26	21.18	21.13	2	22.5		
		50	0	20.68	20.91	20.48	20.49	20.35	3	21.5		
		50	25	20.68	20.98	20.57	20.54	20.32	3	21.5		
		50	50	20.77	20.84	20.37	20.44	20.07	3	21.5		
		100	0	20.72	20.86	20.40	20.45	20.16	3	21.5		
		15	QPSK	1	0	23.57	23.76	23.26	23.39	23.13	0	24.5
				1	37	23.72	23.85	23.42	23.46	23.14	0	24.5
				1	74	23.52	23.64	23.13	23.13	22.74	0	24.5
36				0	22.58	22.75	22.19	22.21	22.07	1	23.5	
36				19	22.66	22.71	22.29	22.32	22.09	1	23.5	
36	39			22.63	22.59	22.20	22.17	21.85	1	23.5		
75	0			22.73	22.74	22.42	22.23	22.03	1	23.5		
1	0			22.53	22.80	22.30	22.28	22.16	1	23.5		
1	37			22.72	22.79	22.38	22.45	22.11	1	23.5		
1	74			22.62	22.56	22.20	22.21	21.88	1	23.5		
36	0			21.57	21.74	21.32	21.27	21.09	2	22.5		
36	19			21.62	21.81	21.30	21.32	21.11	2	22.5		
36	39		21.57	21.67	21.26	21.22	20.97	2	22.5			
75	0		21.65	21.72	21.33	21.26	21.06	2	22.5			
1	0		21.20	21.54	21.03	21.31	20.71	2	22.5			
1	37		21.38	21.55	21.02	21.41	20.76	2	22.5			
1	74		21.15	21.48	20.83							

(Default)

LTE Band 66_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
				Channel	132072	132072			132072
				1720	1748	1776			
20	QPSK	1	0	24.37	24.30	24.27	0	25	
		1	50	24.57	24.50	24.46	0	25	
		1	99	24.42	24.38	24.31	0	25	
		50	0	23.44	23.54	23.41	1	24	
		50	25	23.65	23.68	23.53	1	24	
		50	50	23.63	23.55	23.44	1	24	
		100	0	23.52	23.49	23.40	1	24	
		1	0	23.60	23.47	23.50	1	24	
		1	50	23.72	23.76	23.71	1	24	
		1	99	23.63	23.65	23.58	1	24	
		50	0	22.41	22.50	22.42	2	23	
		50	25	22.58	22.47	22.52	2	23	
	50	50	22.60	22.56	22.48	2	23		
	100	0	22.50	22.51	22.49	2	23		
	1	0	22.56	22.46	22.47	2	23		
	1	50	22.52	22.54	22.55	2	23		
	1	99	22.55	22.60	22.54	2	23		
	50	0	21.43	21.56	21.53	3	22		
	50	25	21.61	21.58	21.55	3	22		
	50	50	21.60	21.54	21.56	3	22		
	100	0	21.52	21.51	21.49	3	22		
	15	QPSK	1	0	24.25	24.26	24.14	0	25
			1	37	24.43	24.41	24.42	0	25
			1	74	24.39	24.37	24.22	0	25
36			0	23.43	23.52	23.38	1	24	
36			19	23.55	23.51	23.39	1	24	
36			39	23.50	23.49	23.41	1	24	
75			0	23.49	23.34	23.38	1	24	
1			0	23.48	23.38	23.43	1	24	
1			37	23.64	23.65	23.65	1	24	
1			74	23.48	23.64	23.52	1	24	
36			0	22.40	22.38	22.30	2	23	
36			19	22.49	22.33	22.37	2	23	
36		39	22.47	22.50	22.46	2	23		
75		0	22.38	22.39	22.43	2	23		
1		0	22.53	22.38	22.45	2	23		
1		37	22.43	22.51	22.49	2	23		
1		74	22.54	22.45	22.39	2	23		
36		0	21.31	21.51	21.43	3	22		
36		19	21.46	21.57	21.43	3	22		
36		39	21.56	21.43	21.48	3	22		
75		0	21.45	21.47	21.42	3	22		
10		QPSK	1	0	24.29	24.24	24.24	0	25
			1	24	24.54	24.39	24.43	0	25
			1	49	24.29	24.37	24.23	0	25
	25		0	23.30	23.50	23.35	1	24	
	25		12	23.53	23.47	23.38	1	24	
	25		25	23.48	23.43	23.39	1	24	
	50		0	23.39	23.44	23.33	1	24	
	1		0	23.53	23.44	23.43	1	24	
	1		24	23.65	23.69	23.69	1	24	
	1		49	23.61	23.60	23.48	1	24	
	25		0	22.39	22.42	22.41	2	23	
	25		12	22.52	22.39	22.51	2	23	
	25	25	22.48	22.49	22.42	2	23		
	50	0	22.37	22.39	22.35	2	23		
	1	0	22.51	22.33	22.39	2	23		
	1	24	22.49	22.43	22.49	2	23		
	1	49	22.46	22.53	22.45	2	23		
	25	0	21.34	21.45	21.52	3	22		
	25	12	21.58	21.44	21.47	3	22		
	25	25	21.55	21.43	21.47	3	22		
	50	0	21.44	21.42	21.38	3	22		
	5	QPSK	1	0	24.25	24.29	24.26	0	25
			1	12	24.49	24.41	24.31	0	25
			1	24	24.29	24.33	24.16	0	25
12			0	23.39	23.49	23.35	1	24	
12			6	23.50	23.48	23.50	1	24	
12			13	23.56	23.49	23.29	1	24	
25			0	23.39	23.38	23.28	1	24	
1			0	23.58	23.44	23.49	1	24	
1			12	23.64	23.68	23.57	1	24	
1			24	23.52	23.59	23.56	1	24	
12			0	22.39	22.39	22.35	2	23	
12			6	22.45	22.45	22.43	2	23	
12		13	22.45	22.55	22.38	2	23		
25		0	22.39	22.39	22.47	2	23		
1		0	22.42	22.41	22.34	2	23		
1		12	22.44	22.46	22.47	2	23		
1		24	22.48	22.51	22.45	2	23		
12		0	21.42	21.50	21.41	3	22		
12		6	21.55	21.49	21.48	3	22		
12		13	21.52	21.43	21.55	3	22		
25		0	21.45	21.43	21.35	3	22		
3		QPSK	1	0	24.28	24.22	24.21	0	25
			1	7	24.55	24.40	24.35	0	25
			1	14	24.36	24.23	24.26	0	25
	8		0	23.43	23.42	23.33	1	24	
	8		3	23.52	23.51	23.44	1	24	
	8		7	23.58	23.49	23.43	1	24	
	15		0	23.47	23.41	23.34	1	24	
	1		0	23.50	23.32	23.45	1	24	
	1		7	23.70	23.73	23.67	1	24	
	1		14	23.50	23.54	23.49	1	24	
	8		0	22.34	22.42	22.29	2	23	
	8		3	22.50	22.43	22.41	2	23	
	8	7	22.58	22.45	22.34	2	23		
	15	0	22.40	22.38	22.43	2	23		
	1	0	22.53	22.42	22.43	2	23		
	1	7	22.45	22.40	22.44	2	23		
	1	14	22.51	22.45	22.45	2	23		
	8	0	21.40	21.52	21.38	3	22		
	8	3	21.53	21.55	21.49	3	22		
	8	7	21.50	21.41	21.51	3	22		
	15	0	21.44	21.42	21.39	3	22		
	1.4	QPSK	1	0	24.24	24.23	24.18	0	25
			1	2	24.50	24.42	24.38	0	25
			1	5	24.41	24.30	24.26	0	25
3			0	24.24	24.26	24.14	0	25	
3			1	24.46	24.46	24.25	0	25	
3			3	24.41	24.34	24.19	0	25	
6			0	23.48	23.40	23.39	1	24	
1			0	23.55	23.41	23.38	1	24	
1			2	23.57	23.66	23.66	1	24	
1			5	23.59	23.63	23.60	1	24	
3			0	23.20	23.25	23.14	1	24	
3			1	23.28	23.17	23.23	1	24	
3		3	23.27	23.37	23.26	1	24		
6		0	22.40	22.40	22.45	2	23		
1		0	22.41	22.40	22.38	2	23		
1		2	22.48	22.48	22.44	2	23		
1		5	22.45	22.57	22.47	2	23		
3		0	22.15	22.33	22.30	2	23		
3		1	22.30	22.26	22.24	2	23		
3		3	22.36	22.29	22.36	2	23		
6		0	21.43	21.36	21.46	3	22		

LTE Band 66_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
				Channel	132072	132072			132072
				1720	1748	1776			
20	QPSK	1	0	23.97	23.88	23.81	0	24.5	
		1	50	24.16	24.06	23.96	0	24.5	
		1	99	24.00	23.93	23.82	0	24.5	
		50	0	23.05	23.13	22.91	1	23.5	
		50	25	23.27	23.15	23.06	1	23.5	
		50	50	23.23	23.08	22.94	1	23.5	
		100	0	23.14	23.09	23.05	1	23.5	
		1	0	23.16	23.05	23.08	1	23.5	
		1	50	23.36	23.28	23.21	1	23.5	
		1	99	23.16	23.19	23.02	1	23.5	
		50	0	22.01	22.06	22.07	2	22.5	
		50	25	22.17	22.11	22.00	2	22.5	
	50	50	22.20	22.07	22.01	2	22.5		
	100	0	22.10	22.06	22.01	2	22.5		
	1	0	22.18	22.00	22.03	2	22.5		
	1	50	22.25	22.23	22.20	2	22.5		
	1	99	22.18	22.13	22.04	2	22.5		
	50	0	21.02	21.10	20.97	3	21.5		
	50	25	21.12	21.13	21.03	3	21.5		
	50	50	21.14	21.07	21.00	3	21.5		
	100	0	21.10	21.06	20.98	3	21.5		
	15	QPSK	1	0	23.87	23.73	23.80	0	24.5
			1	37	24.10	23.99	23.89	0	24.5
			1	74	23.92	23.84	23.70	0	24.5
36			0	23.04	23.00	22.83	1	23.5	
36			19	23.26	23.14	23.02	1	23.5	
36			39	23.18	22.97	22.83	1	23.5	
75			0	23.02	23.02	22.93	1	23.5	
1			0	23.08	22.98	22.98	1	23.5	
1			37	23.22	23.14	23.14	1	23.5	
1			74	23.05	23.17	22.99	1	23.5	
36			0	21.92	22.05	21.92	2	22.5	
36			19	22.16	21.97	21.99	2	22.5	
36		39	22.14	22.01	21.86	2	22.5		
75		0	21.95	22.00	21.88	2	22.5		
1		0	22.09	21.86	21.98	2	22.5		
1		37	22.19	22.13	22.16	2	22.5		
1		74	22.16	22.12	21.93	2	22.5		
36		0	20.98						

OSI-1)

LTE Band 2_Ant0										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	Channel	
		Frequency (MHz)			1870	1890				1910
		1880	1880	1900						
20	QPSK	1	0	24.42	24.42	24.31	0	25		
		1	50	24.59	24.62	24.42	0	25		
		1	99	24.39	24.61	24.19	0	25		
		50	0	23.57	23.61	23.55	1	24		
		50	25	23.68	23.73	23.67	1	24		
		50	50	23.64	23.65	23.52	1	24		
	100	0	23.58	23.62	23.53	1	24			
	16QAM	1	0	23.65	23.71	23.54	1	24		
		1	50	23.84	23.85	23.65	1	24		
		1	99	23.64	23.70	23.40	1	24		
		50	0	22.55	22.62	22.57	2	23		
		50	25	22.68	22.71	22.54	2	23		
		50	50	22.61	22.64	22.48	2	23		
	100	0	22.54	22.60	22.47	2	23			
	64QAM	1	0	22.63	22.65	22.51	2	23		
		1	50	22.81	22.83	22.62	2	23		
		1	99	22.66	22.69	22.37	2	23		
		50	0	21.55	21.60	21.57	3	22		
		50	25	21.70	21.73	21.56	3	22		
		50	50	21.63	21.64	21.51	3	22		
	100	0	21.59	21.62	21.53	3	22			
	BW [MHz]	Modulation	Channel	1867.5	1890	1912.5	3GPP MPR (dB)	Max. Tune-up (dBm)		
			Frequency (MHz)	1875.5	1880	1902.5				
			1	0			0	25		
15	QPSK	1	37				0	25		
		1	74				0	25		
		36	0				1	24		
		36	19				1	24		
		36	39				1	24		
		75	0				1	24		
	16QAM	1	37				1	24		
		1	74				1	24		
		36	0				2	23		
		36	19				2	23		
		36	39				2	23		
		75	0				2	23		
	64QAM	1	37				2	23		
		1	74				2	23		
		36	0				3	22		
		36	19				3	22		
		36	39				3	22		
		75	0				3	22		
	BW [MHz]	Modulation	Channel	1865	1890	1915	3GPP MPR (dB)	Max. Tune-up (dBm)		
			Frequency (MHz)	1855	1880	1905				
			1	0			0	25		
	10	QPSK	1	24				0	25	
			1	49				0	25	
			25	0				1	24	
25			12				1	24		
25			25				1	24		
50			0				1	24		
16QAM		1	24				1	24		
		1	49				1	24		
		25	0				2	23		
		25	12				2	23		
		25	25				2	23		
		50	0				2	23		
64QAM		1	0				2	23		
		1	24				2	23		
		1	49				2	23		
		25	0				3	22		
		25	12				3	22		
		25	25				3	22		
50		0				3	22			
BW [MHz]		Modulation	Channel	1862.5	1890	1917.5	3GPP MPR (dB)	Max. Tune-up (dBm)		
			Frequency (MHz)	1852.5	1880	1907.5				
			1	0			0	25		
5		QPSK	1	12				0	25	
			1	24				0	25	
	12		0				1	24		
	12		6				1	24		
	12		13				1	24		
	25		0				1	24		
	16QAM	1	12				1	24		
		1	24				1	24		
		12	0				2	23		
		12	6				2	23		
		12	13				2	23		
		25	0				2	23		
	64QAM	1	0				2	23		
		1	12				2	23		
		1	24				2	23		
		12	0				3	22		
		12	6				3	22		
		12	13				3	22		
	25	0				3	22			
	BW [MHz]	Modulation	Channel	1861.5	1890	1918.5	3GPP MPR (dB)	Max. Tune-up (dBm)		
			Frequency (MHz)	1851.5	1880	1908.5				
			1	0			0	25		
	3	QPSK	1	7				0	25	
			1	14				0	25	
8			0				1	24		
8			3				1	24		
8			7				1	24		
15			0				1	24		
16QAM		1	0				1	24		
		1	7				1	24		
		1	14				1	24		
		8	0				2	23		
		8	3				2	23		
		8	7				2	23		
15		0				2	23			
64QAM		1	0				2	23		
		1	7				2	23		
		1	14				2	23		
		8	0				3	22		
		8	3				3	22		
		8	7				3	22		
15		0				3	22			
BW [MHz]		Modulation	Channel	18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)		
			Frequency (MHz)	1850.7	1880	1909.3				
			1	0			0	25		
1.4		QPSK	1	2				0	25	
	1		5				0	25		
	3		0				0	25		
	3		1				0	25		
	3		3				0	25		
	6		0				1	24		
	16QAM	1	0				1	24		
		1	2				1	24		
		1	5				1	24		
		3	0				1	24		
		3	1				1	24		
		3	3				1	24		
	64QAM	6	0				2	23		
		1	0				2	23		
		1	2				2	23		
		1	5				2	23		
		3	0				2	23		
		3	1				2	23		
	3	3				2	23			
	6	0				3	22			
	BW [MHz]	Modulation	Channel	18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)		
			Frequency (MHz)	1850.7	1880	1909.3				
			1	0			0	25		

LTE Band 2_Ant1										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	Channel	
		Frequency (MHz)			1870	1890				1910
		1880	1880	1900						
20	QPSK	1	0	14.78	14.67	14.80	0	15.5		
		1	50	14.93	14.98	14.98	0	15.5		
		1	99	14.82	14.89	14.71	0	15.5		
		50	0	14.70	14.79	14.68	0	15.5		
		50	25	14.65	14.81	14.68	0	15.5		
		50	50	14.79	14.88	14.86	0	15.5		
	100	0	14.68	14.80	14.76	0	15.5			
	16QAM	1	0	14.87	14.83	14.92	0	15.5		
		1	50	14.96	14.85	14.84	0	15.5		
		1	99	14.92	14.91	14.95	0	15.5		
		50	0	14.85	14.66	14.83	0	15.5		
		50	25	14.87	14.87	14.89	0	15.5		
		50	50	14.73	14.65	14.83	0	15.5		
	100	0	14.84	14.78	14.74	0	15.5			
	64QAM	1	0	14.91	14.91	14.97	0	15.5		
		1	50	14.91	14.94	14.96	0	15.5		
		1	99	14.94	14.86	14.96	0	15.5		
		50	0	14.84	14.72	14.69	0	15.5		
		50	25	14.92	14.76	14.89	0	15.5		
		50	50	14.88	14.69	14.67	0	15.5		
	100	0	14.81	14.80	14.84	0	15.5			
	BW [MHz]	Modulation	Channel	1867.5	1890	1912.5	3GPP MPR (dB)	Max. Tune-up (dBm)		
			Frequency (MHz)	1857.5	1880	1902.5				
			1	0			0	15.5		
15	QPSK	1	37				0	15.5		
		1	74				0	15.5		
		36	0				0	15.5		
		36	19				0	15.5		
		36	39				0	15.5		
		75	0				0	15.5		
	16QAM	1	37				0	15.5		
		1	74				0	15.5		
		36	0				0	15.5		
		36	19				0	15.5		
		36	39				0	15.5		
		75	0				0	15.5		
	64QAM	1	37				0	15.5		
		1	74				0	15.5		
		36	0				0	15.5		
		36	19				0	15.5		
		36	39				0	15.5		
		75	0				0	15.5		
	BW [MHz]	Modulation	Channel	1865	1890	1915	3GPP MPR (dB)	Max. Tune-up (dBm)		
			Frequency (MHz)	1855	1880	1905				
			1	0			0	15.5		
	10	QPSK	1	24				0	15.5	

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LTE Band 4_Ant0											
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	Channel		
		Frequency (MHz)			20090	20175				20300	
		1720	1732.5	1745	20090	20175				20300	
20	QPSK	1	0	24.15	24.16	24.09	0	25			
		1	50	24.34	24.35	24.29	0	25			
		1	99	24.17	24.21	24.14	0	25			
		50	0	23.24	23.35	23.34	1	24			
		50	25	23.44	23.46	23.38	1	24			
		50	50	23.42	23.32	23.35	1	24			
	100	0	23.32	23.33	23.30	1	24				
	16QAM	1	0	23.30	23.27	23.18	1	24			
		1	50	23.56	23.44	23.46	1	24			
		1	99	23.39	23.37	23.42	1	24			
		50	0	22.22	22.30	22.32	2	23			
		50	25	22.39	22.40	22.36	2	23			
		50	50	22.39	22.27	22.31	2	23			
	100	0	22.31	22.28	22.30	2	23				
	64QAM	1	0	22.34	22.30	22.21	2	23			
		1	50	22.48	22.47	22.43	2	23			
		1	99	22.28	22.38	22.24	2	23			
		50	0	21.22	21.34	21.31	3	22			
		50	25	21.38	21.41	21.36	3	22			
		50	50	21.38	21.29	21.31	3	22			
	100	0	21.30	21.31	21.29	3	22				
	BW [MHz]	Modulation	Channel	Frequency (MHz)			20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)
				1717.5	1732.5	1747.5	20025	20175	20325		
15	QPSK	1	0				0	25			
		1	37				0	25			
		1	74				0	25			
		36	0				1	24			
		36	19				1	24			
		36	39				1	24			
	75	0				1	24				
	16QAM	1	0				1	24			
		1	37				1	24			
		1	74				1	24			
		36	0				2	23			
		36	19				2	23			
		36	39				2	23			
	75	0				2	23				
	64QAM	1	0				2	23			
		1	37				2	23			
		1	74				2	23			
		36	0				3	22			
		36	19				3	22			
		36	39				3	22			
	75	0				3	22				
	BW [MHz]	Modulation	Channel	Frequency (MHz)			20090	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)
				1715	1732.5	1750	20090	20175	20350		
10	QPSK	1	0				0	25			
		1	24				0	25			
		1	49				0	25			
		25	0				1	24			
		25	12				1	24			
		25	25				1	24			
	50	0				1	24				
	16QAM	1	0				1	24			
		1	24				1	24			
		1	49				1	24			
		25	0				2	23			
		25	12				2	23			
		25	25				2	23			
	50	0				2	23				
	64QAM	1	0				2	23			
		1	24				2	23			
		1	49				2	23			
		25	0				3	22			
		25	12				3	22			
		25	25				3	22			
	50	0				3	22				
	BW [MHz]	Modulation	Channel	Frequency (MHz)			19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)
				1712.5	1732.5	1752.5	19975	20175	20375		
5	QPSK	1	0				0	25			
		1	12				0	25			
		1	24				0	25			
		12	0				1	24			
		12	6				1	24			
		12	13				1	24			
	25	0				1	24				
	16QAM	1	0				1	24			
		1	12				1	24			
		1	24				1	24			
		12	0				2	23			
		12	6				2	23			
		12	13				2	23			
	25	0				2	23				
	64QAM	1	0				2	23			
		1	12				2	23			
		1	24				2	23			
		12	0				3	22			
		12	6				3	22			
		12	13				3	22			
	25	0				3	22				
	BW [MHz]	Modulation	Channel	Frequency (MHz)			19965	20175	20385	3GPP MPR (dB)	Max. Tune-up (dBm)
				1711.5	1732.5	1753.5	19965	20175	20385		
3	QPSK	1	0				0	25			
		1	7				0	25			
		1	14				0	25			
		8	0				1	24			
		8	3				1	24			
		8	7				1	24			
	15	0				1	24				
	16QAM	1	0				1	24			
		1	7				1	24			
		1	14				1	24			
		8	0				2	23			
		8	3				2	23			
		8	7				2	23			
	15	0				2	23				
	64QAM	1	0				2	23			
		1	7				2	23			
		1	14				2	23			
		8	0				3	22			
		8	3				3	22			
		8	7				3	22			
	15	0				3	22				
	BW [MHz]	Modulation	Channel	Frequency (MHz)			19957	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)
				1710.7	1732.5	1754.3	19957	20175	20393		
1.4	QPSK	1	0				0	25			
		1	2				0	25			
		1	5				0	25			
		3	0				0	25			
		3	1				0	25			
		3	3				0	25			
	6	0				1	24				
	16QAM	1	0				1	24			
		1	2				1	24			
		1	5				1	24			
		3	0				1	24			
		3	1				1	24			
		3	3				1	24			
	6	0				2	23				
	64QAM	1	0				2	23			
		1	2				2	23			
		1	5				2	23			
		3	0				2	23			
		3	1				2	23			
		3	3				2	23			
	6	0				3	22				
	BW [MHz]	Modulation	Channel	Frequency (MHz)			19967	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)
				1710.7	1732.5	1754.3	19967	20175	20393		

LTE Band 4_Ant1											
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	Channel		
		Frequency (MHz)			20050	20175				20300	
		1720	1732.5	1745	20050	20175				20300	
20	QPSK	1	0	16.69	16.62	16.60	0	17.5			
		1	50	16.87	16.95	16.72	0	17.5			
		1	99	16.72	16.69	16.62	0	17.5			
		50	0	16.58	16.63	16.67	0	17.5			
		50	25	16.82	16.85	16.70	0	17.5			
		50	50	16.49	16.57	16.56	0	17.5			
	100	0	16.57	16.65	16.57	0	17.5				
	16QAM	1	0	16.69	16.78	16.75	0	17.5			
		1	50	16.78	16.95	16.94	0	17.5			
		1	99	16.51	16.75	16.59	0	17.5			
		50	0	16.49	16.55	16.50	0	17.5			
		50	25	16.60	16.78	16.61	0	17.5			
		50	50	16.53	16.54	16.64	0	17.5			
	100	0	16.52	16.54	16.54	0	17.5				
	64QAM	1	0	16.70	16.66	16.60	0	17.5			
		1	50	16.83	16.80	16.66	0	17.5			
		1	99	16.74	16.68	16.65	0	17.5			
		50	0	16.58	16.66	16.56	0	17.5			
		50	25	16.89	16.81	16.64	0	17.5			
		50	50	16.59	16.66	16.65	0	17.5			
	100	0	16.52	16.57	16.43	0	17.5				
	BW [MHz]	Modulation	Channel	Frequency (MHz)			20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)
				1717.5	1732.5	1747.5	20025	20175	20325		
15	QPSK	1	0				0	25			
		1	37				0	25			
		1	74				0	25			
		36	0				1	24			
		36	19				1	24			
		36	39				1	24			
	75	0				1	24				
	16QAM	1	0								

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LTE Band 5_Ant0									
BW [MHz]	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
10	QPSK	1	0	24.86	24.83	24.77	0	25.5	
		1	24	24.85	24.73	24.75	0	25.5	
		1	49	24.79	24.68	24.63	0	25.5	
		25	0	23.97	23.85	23.82	1	24.5	
		25	12	23.92	23.79	23.80	1	24.5	
	25	25	23.89	23.84	23.70	1	24.5		
	50	0	24.11	24.08	23.74	1	24.5		
	16QAM	1	0	24.02	23.97	23.92	1	24.5	
		1	24	23.91	23.93	23.86	1	24.5	
		1	49	23.87	23.86	23.70	1	24.5	
		25	0	22.91	22.89	22.78	2	23.5	
		25	12	22.97	22.88	22.83	2	23.5	
	25	25	22.89	22.82	22.73	2	23.5		
	50	0	22.90	23.03	22.75	2	23.5		
	64QAM	1	0	23.16	23.06	23.00	2	23.5	
		1	24	23.12	23.05	22.94	2	23.5	
		1	49	23.03	23.02	22.87	2	23.5	
		25	0	21.94	21.84	21.80	3	22.5	
		25	12	22.00	21.91	21.86	3	22.5	
	25	25	21.92	21.87	21.73	3	22.5		
50	0	21.95	21.86	21.77	3	22.5			
BW [MHz]	Modulation	Channel	20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Frequency (MHz)	826.5	836.5	846.5				
5	QPSK	1	0			0	25.5		
		1	12			0	25.5		
		1	24			0	25.5		
		12	0			1	24.5		
		12	6			1	24.5		
	12	13			1	24.5			
	25	0			1	24.5			
	16QAM	1	0			1	24.5		
		1	12			1	24.5		
		1	24			1	24.5		
		12	0			2	23.5		
		12	6			2	23.5		
	12	13			2	23.5			
	25	0			2	23.5			
	64QAM	1	0			2	23.5		
		1	12			2	23.5		
		1	24			2	23.5		
		12	0			3	22.5		
		12	6			3	22.5		
	12	13			3	22.5			
25	0			3	22.5				
BW [MHz]	Modulation	Channel	20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Frequency (MHz)	825.5	836.5	847.5				
3	QPSK	1	0			0	25.5		
		1	7			0	25.5		
		1	14			0	25.5		
		8	0			1	24.5		
		8	3			1	24.5		
	8	7			1	24.5			
	15	0			1	24.5			
	16QAM	1	0			1	24.5		
		1	7			1	24.5		
		1	14			1	24.5		
		8	0			2	23.5		
		8	3			2	23.5		
	8	7			2	23.5			
	15	0			2	23.5			
	64QAM	1	0			2	23.5		
		1	7			2	23.5		
		1	14			2	23.5		
		8	0			3	22.5		
		8	3			3	22.5		
	8	7			3	22.5			
15	0			3	22.5				
BW [MHz]	Modulation	Channel	20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Frequency (MHz)	824.7	836.5	848.3				
1.4	QPSK	1	0			0	25.5		
		1	2			0	25.5		
		1	5			0	25.5		
		3	0			0	25.5		
		3	1			0	25.5		
	3	3			0	25.5			
	6	0			1	24.5			
	16QAM	1	0			1	24.5		
		1	2			1	24.5		
		1	5			1	24.5		
		3	0			1	24.5		
		3	1			1	24.5		
	3	3			1	24.5			
	6	0			2	23.5			
	64QAM	1	0			2	23.5		
		1	2			2	23.5		
		1	5			2	23.5		
		3	0			2	23.5		
		3	1			2	23.5		
	3	3			2	23.5			
6	0			3	22.5				

LTE Band 5_Ant1									
BW [MHz]	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
10	QPSK	1	0	23.33	23.32	23.23	0	24	
		1	24	23.37	23.34	23.28	0	24	
		1	49	23.31	23.23	23.18	0	24	
		25	0	23.24	23.15	23.13	0	24	
		25	12	23.27	23.21	23.15	0	24	
	25	25	23.25	23.06	23.02	0	24		
	50	0	23.20	23.15	23.01	0	24		
	16QAM	1	0	23.16	23.18	23.11	0	24	
		1	24	23.21	23.30	23.20	0	24	
		1	49	23.20	23.23	22.89	0	24	
		25	0	22.73	22.69	22.64	0.5	23.5	
		25	12	22.92	22.73	22.78	0.5	23.5	
	25	25	22.90	22.71	22.68	0.5	23.5		
	50	0	22.79	22.68	22.62	0.5	23.5		
	64QAM	1	0	22.97	22.82	22.84	0.5	23.5	
		1	24	22.92	22.91	22.77	0.5	23.5	
		1	49	22.99	22.92	22.81	0.5	23.5	
		25	0	21.79	21.80	21.78	1.5	22.5	
		25	12	21.93	21.79	21.81	1.5	22.5	
	25	25	21.89	21.80	21.65	1.5	22.5		
50	0	21.80	21.81	21.72	1.5	22.5			
BW [MHz]	Modulation	Channel	20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Frequency (MHz)	826.5	836.5	846.5				
5	QPSK	1	0			0	24		
		1	12			0	24		
		1	24			0	24		
		12	0			0	24		
		12	6			0	24		
	12	13			0	24			
	25	0			0	24			
	16QAM	1	0			0	24		
		1	12			0	24		
		1	24			0	24		
		12	0			0.5	23.5		
		12	6			0.5	23.5		
	12	13			0.5	23.5			
	25	0			0.5	23.5			
	64QAM	1	0			0.5	23.5		
		1	12			0.5	23.5		
		1	24			0.5	23.5		
		12	0			1.5	22.5		
		12	6			1.5	22.5		
	12	13			1.5	22.5			
25	0			1.5	22.5				
BW [MHz]	Modulation	Channel	20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Frequency (MHz)	825.5	836.5	847.5				
3	QPSK	1	0			0	24		
		1	7			0	24		
		1	14			0	24		
		8	0			0	24		
		8	3			0	24		
	8	7			0	24			
	15	0			0	24			
	16QAM	1	0			0	24		
		1	7			0	24		
		1	14			0	24		
		8	0			0.5	23.5		
		8	3			0.5	23.5		
	8	7			0.5	23.5			
	15	0			0.5	23.5			
	64QAM	1	0			0.5	23.5		
		1	7			0.5	23.5		
		1	14			0.5	23.5		
		8	0			1.5	22.5		
		8	3			1.5	22.5		
	8	7			1.5	22.5			
15	0			1.5	22.5				
BW [MHz]	Modulation	Channel	20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Frequency (MHz)	824.7	836.5	848.3				
1.4	QPSK	1	0			0	24		
		1	2			0	24		
		1	5			0	24		
		3	0			0	24		
		3	1			0	24		
	3	3			0	24			
	6	0			0	24			
	16QAM	1	0			0	24		
		1	2			0	24		
		1	5			0	24		
		3	0			0	24		
		3	1			0	24		
	3	3			0	24			
	6	0			0.5	23.5			
	64QAM	1	0			0.5	23.5		
		1	2			0.5	23.5		
		1	5			0.5	23.5		
		3	0			0.5	23.5		
		3	1			0.5	23.5		
	3	3			0.5	23.5			
6	0			1.5	22.5				

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LTE Band 7_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		20850	21100	21350			
		Frequency (MHz)		2510	2535	2560			
20	QPSK	1	0	24.05	24.00	23.80	0	25	
		1	50	24.10	24.03	23.86	0	25	
		1	99	23.86	23.77	23.57	0	25	
		50	0	23.14	23.02	23.00	1	24	
		50	25	23.22	23.16	23.05	1	24	
		50	50	23.11	23.10	22.77	1	24	
		100	0	23.13	23.03	22.87	1	24	
		1	0	23.25	23.16	23.01	1	24	
		1	50	23.37	23.24	23.04	1	24	
		1	99	23.05	23.02	23.78	1	24	
	16QAM	50	0	22.14	22.04	21.96	2	23	
		50	25	22.17	22.37	21.74	2	23	
		50	50	22.07	22.39	21.79	2	23	
		100	0	22.08	22.41	21.83	2	23	
		1	0	22.15	22.55	22.04	2	23	
		1	50	22.32	22.60	22.06	2	23	
		1	99	22.01	22.27	21.76	2	23	
		50	0	21.21	21.53	21.02	3	22	
		50	25	21.28	21.66	21.00	3	22	
		50	50	21.60	21.55	20.81	3	22	
	64QAM	100	0	21.18	21.57	20.92	3	22	
		Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2507.5	2535	2562.5			
		15	QPSK	1	0				0
1				37				0	25
1				74				0	25
36				0				1	24
36				19				1	24
36				39				1	24
75				0				1	24
1	0						1	24	
1	37						1	24	
1	74						1	24	
16QAM	36		0				2	23	
	36		19				2	23	
	36		39				2	23	
	75		0				2	23	
	1		0				2	23	
	1		37				2	23	
	1		74				2	23	
	36		0				3	22	
	36		19				3	22	
	36		39				3	22	
64QAM	75		0				3	22	
	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		2505	2535	2565				
	10		QPSK	1	0				0
		1		24				0	25
		1		49				0	25
		25		0				1	24
		25		12				1	24
		25		25				1	24
		50		0				1	24
1		0					1	24	
1		24					1	24	
1		49					1	24	
16QAM		25	0				2	23	
		25	12				2	23	
		25	25				2	23	
		50	0				2	23	
		1	0				2	23	
		1	24				2	23	
		1	49				2	23	
		25	0				3	22	
		25	12				3	22	
		25	25				3	22	
64QAM		50	0				3	22	
		Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2502.5	2535	2567.5			
		5	QPSK	1	0				0
	1			12				0	25
	1			24				0	25
	12			0				1	24
	12			6				1	24
	12			13				1	24
	25			0				1	24
1	0						1	24	
1	12						1	24	
1	24						1	24	
16QAM	12		0				2	23	
	12		6				2	23	
	12		13				2	23	
	25		0				2	23	
	1		0				2	23	
	1		12				2	23	
	1		24				2	23	
	12		0				3	22	
	12		6				3	22	
	12		13				3	22	
64QAM	25		0				3	22	
	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		2502.5	2535	2567.5				
	5		QPSK	1	0				0
		1		12				0	18
		1		24				0	18
		12		0				0	18
		12		6				0	18
		12		13				0	18
		25		0				0	18
1		0					0	18	
1		12					0	18	
1		24					0	18	
16QAM		12	0				0	18	
		12	6				0	18	
		12	13				0	18	
		25	0				0	18	
		1	0				0	18	
		1	12				0	18	
		1	24				0	18	
		12	0				0	18	
		12	6				0	18	
		12	13				0	18	
64QAM		25	0				0	18	
		Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2502.5	2535	2567.5			
		5	QPSK	1	0				0
	1			12				0	18
	1			24				0	18
	12			0				0	18
	12			6				0	18
	12			13				0	18
	25			0				0	18
1	0						0	18	
1	12						0	18	
1	24						0	18	
16QAM	12		0				0	18	
	12		6				0	18	
	12		13				0	18	
	25		0				0	18	
	1		0				0	18	
	1		12				0	18	
	1		24				0	18	
	12		0				0	18	
	12		6				0	18	
	12		13				0	18	
64QAM	25		0				0	18	

LTE Band 7_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		20850	21100	21350			
		Frequency (MHz)		2510	2535	2560			
20	QPSK	1	0	17.15	17.30	16.72	0	18	
		1	50	17.29	17.42	17.03	0	18	
		1	99	17.11	17.10	16.19	0	18	
		50	0	17.07	17.06	16.40	0	18	
		50	25	17.11	17.17	16.92	0	18	
		50	50	16.99	17.04	16.69	0	18	
		100	0	16.89	17.07	16.50	0	18	
		1	0	17.10	17.11	16.56	0	18	
		1	50	17.15	17.24	16.74	0	18	
		1	99	16.76	17.06	16.21	0	18	
	16QAM	50	0	16.87	17.05	16.76	0	18	
		50	25	17.04	17.21	16.60	0	18	
		50	50	17.01	17.15	16.62	0	18	
		100	0	17.04	17.03	16.80	0	18	
		1	0	17.15	17.13	17.20	0	18	
		1	50	17.29	17.29	17.14	0	18	
		1	99	17.07	17.14	16.83	0	18	
		50	0	17.22	17.17	17.10	0	18	
		50	25	17.17	17.21	17.04	0	18	
		50	50	17.21	17.20	16.77	0	18	
	64QAM	100	0	17.17	17.14	17.00	0	18	
		Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2507.5	2535	2562.5			
		15	QPSK	1	0				0
1				37				0	18
1				74				0	18
36				0				0	18
36				19				0	18
36				39				0	18
75				0				0	18
1	0						0	18	
1	37						0	18	
1	74						0	18	
16QAM	36		0				0	18	
	36		19				0	18	
	36		39				0	18	
	75		0				0	18	
	1		0				0	18	
	1		37				0	18	
	1		74				0	18	
	36		0				0	18	
	36		19				0	18	
	36		39				0	18	
64QAM	75		0				0	18	
	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		2505	2535	2565				
	10		QPSK	1	0				0
		1		24				0	18
		1		49				0	18
		25		0				0	18
		25		12				0	18
		25		25				0	18
		50		0				0	18
1		0					0	18	
1		24					0	18	
1		49					0	18	
16QAM		25	0				0	18	
		25	12				0	18	
		25	25				0	18	
		50	0				0	18	
		1	0				0	18	
		1	24				0	18	
		1	49				0	18	
		25							

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LTE Band 12_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23060	23095	23130			
		Frequency (MHz)		704	707.5	711			
10	QPSK	1	0	24.84	24.82	24.76	0	25.5	
		1	24	24.89	24.84	24.79	0	25.5	
		1	49	24.70	24.58	24.66	0	25.5	
		25	0	23.83	23.78	23.73	1	24.5	
		25	12	23.89	23.80	23.85	1	24.5	
		25	25	23.79	23.65	23.69	1	24.5	
	16QAM	50	0	23.82	23.70	23.76	1	24.5	
		1	0	23.49	23.43	23.42	1	24.5	
		1	24	23.54	23.52	23.49	1	24.5	
		1	49	23.39	23.27	23.33	1	24.5	
		25	0	22.84	22.74	22.76	2	23.5	
		25	12	22.91	22.78	22.89	2	23.5	
	64QAM	25	25	22.83	22.78	22.74	2	23.5	
		50	0	22.80	22.78	22.71	2	23.5	
		1	0	23.19	23.10	23.08	2	23.5	
		1	24	23.01	22.92	22.98	2	23.5	
		1	49	23.05	23.04	22.90	2	23.5	
		25	0	21.86	21.72	21.85	3	22.5	
	5	QPSK	25	12	21.89	21.85	21.74	3	22.5
			25	25	21.76	21.71	21.73	3	22.5
			50	0	21.83	21.69	21.75	3	22.5
1			0	23.035	23.095	23.155	3GPP MPR (dB)	Max. Tune-up (dBm)	
Channel			23035	23095	23155				
Frequency (MHz)			701.5	707.5	713.5				
5		QPSK	1	0				0	25.5
			1	12				0	25.5
			1	24				0	25.5
			12	0				1	24.5
			12	6				1	24.5
			12	13				1	24.5
		16QAM	25	0				1	24.5
			1	0				1	24.5
			1	12				1	24.5
			1	24				1	24.5
			12	0				2	23.5
			12	6				2	23.5
		64QAM	12	13				2	23.5
			25	0				2	23.5
			1	0				2	23.5
	1		12				2	23.5	
	1		24				2	23.5	
	12		0				3	22.5	
3	QPSK	12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		1	0				3	22.5	
		1	12				3	22.5	
		1	24				3	22.5	
	16QAM	12	0				3	22.5	
		12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		1	0				3	22.5	
		1	14				3	22.5	
	64QAM	8	0				3	22.5	
		8	3				3	22.5	
		8	7				3	22.5	
		15	0				3	22.5	
		1	0				3	22.5	
		1	7				3	22.5	
	1.4	QPSK	1	14				3	22.5
			8	0				2	23.5
			8	3				2	23.5
8			7				2	23.5	
15			0				2	23.5	
1			0				2	23.5	
16QAM		1	7				2	23.5	
		1	14				2	23.5	
		8	0				2	23.5	
		8	3				2	23.5	
		8	7				2	23.5	
		15	0				2	23.5	
64QAM		1	0				2	23.5	
		1	7				2	23.5	
		1	14				2	23.5	
		8	0				3	22.5	
		8	3				3	22.5	
		8	7				3	22.5	
1.4		QPSK	15	0				3	22.5
			1	0				0	25.5
			1	2				0	25.5
	1		5				0	25.5	
	3		0				0	25.5	
	3		1				0	25.5	
	16QAM	3	3				0	25.5	
		6	0				1	24.5	
		1	0				1	24.5	
		1	2				1	24.5	
		1	5				1	24.5	
		3	0				1	24.5	
	64QAM	3	1				1	24.5	
		3	3				1	24.5	
		6	0				2	23.5	
		1	0				2	23.5	
		1	2				2	23.5	
		1	5				2	23.5	
	1.4	QPSK	3	0				2	23.5
			3	1				2	23.5
			3	3				2	23.5
6			0				2	23.5	
1			0				2	23.5	
1			2				2	23.5	
16QAM		1	5				2	23.5	
		3	0				2	23.5	
		3	1				2	23.5	
		3	3				2	23.5	
		6	0				2	23.5	
		1	0				3	22.5	
64QAM		1	2				3	22.5	
		1	5				3	22.5	
		3	0				3	22.5	
		3	1				3	22.5	
		3	3				3	22.5	
		6	0				3	22.5	

LTE Band 12_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23060	23095	23130			
		Frequency (MHz)		704	707.5	711			
10	QPSK	1	0	24.95	24.93	24.91	0	25.5	
		1	24	24.96	24.98	24.92	0	25.5	
		1	49	24.76	24.84	24.79	0	25.5	
		25	0	23.93	24.01	23.95	1	24.5	
		25	12	23.90	23.99	23.94	1	24.5	
		25	25	23.62	23.74	23.69	1	24.5	
	16QAM	50	0	23.86	23.96	23.87	1	24.5	
		1	0	23.92	23.95	23.92	1	24.5	
		1	24	24.05	24.18	24.05	1	24.5	
		1	49	23.81	23.90	23.77	1	24.5	
		25	0	22.83	22.91	22.84	2	23.5	
		25	12	22.86	22.99	22.87	2	23.5	
	64QAM	25	25	22.62	22.74	22.61	2	23.5	
		50	0	22.74	22.82	22.71	2	23.5	
		1	0	22.86	22.96	22.93	2	23.5	
		1	24	23.01	23.07	23.06	2	23.5	
		1	49	22.87	22.90	22.80	2	23.5	
		25	0	21.90	21.91	21.77	3	22.5	
	5	QPSK	25	12	21.85	21.99	21.96	3	22.5
			25	25	21.72	21.83	21.81	3	22.5
			50	0	21.71	21.84	21.77	3	22.5
1			0	23.035	23.095	23.155	3GPP MPR (dB)	Max. Tune-up (dBm)	
Channel			23025	23095	23165				
Frequency (MHz)			700.5	707.5	714.5				
5		QPSK	1	0				0	25.5
			1	12				0	25.5
			1	24				0	25.5
			12	0				1	24.5
			12	6				1	24.5
			12	13				1	24.5
		16QAM	25	0				1	24.5
			1	0				1	24.5
			1	12				1	24.5
			1	24				1	24.5
			12	0				2	23.5
			12	6				2	23.5
		64QAM	12	13				2	23.5
			25	0				2	23.5
			1	0				2	23.5
	1		12				2	23.5	
	1		24				2	23.5	
	12		0				3	22.5	
3	QPSK	12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		1	0				3	22.5	
		1	12				3	22.5	
		1	24				3	22.5	
	16QAM	12	0				3	22.5	
		12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		1	0				3	22.5	
		1	14				3	22.5	
	64QAM	8	0				3	22.5	
		8	3				3	22.5	
		8	7				3	22.5	
		15	0				3	22.5	
		1	0				3	22.5	
		1	7				3	22.5	
	1.4	QPSK	1	14				3	22.5
			8	0				2	23.5
			8	3				2	23.5
8			7				2	23.5	
15			0				2	23.5	
1			0				2	23.5	
16QAM		1	7				2	23.5	
		1	14				2	23.5	
		8	0				2	23.5	
		8	3				2	23.5	
		8	7				2	23.5	
		15	0				2	23.5	
64QAM		1	0				2	23.5	
		1	7				2	23.5	
		1	14				2	23.5	
		8	0				3	22.5	
		8	3				3	22.5	
		8	7				3	22.5	
1.4		QPSK	15	0				3	22.5
			1	0				0	

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LTE Band 13_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23230					
		Frequency (MHz)		782					
10	QPSK	1	0		24.71		0	25.5	
		1	24		24.74		0	25.5	
		1	49		24.62		0	25.5	
		25	0		23.66		1	24.5	
		25	12		23.76		1	24.5	
		25	25		23.66		1	24.5	
		50	0		23.70		1	24.5	
		1	0		23.39		1	24.5	
		1	24		23.47		1	24.5	
		1	49		23.33		1	24.5	
	25	0		22.73		2	23.5		
	25	12		22.82		2	23.5		
	25	25		22.68		2	23.5		
	50	0		22.71		2	23.5		
	1	0		22.90		2	23.5		
	1	24		22.91		2	23.5		
	1	49		22.92		2	23.5		
	25	0		21.74		3	22.5		
	25	12		21.79		3	22.5		
	25	25		21.67		3	22.5		
	50	0		21.68		3	22.5		
	BW [MHz]	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)		779.5	782	784.5		
	5	QPSK	1	0				0	25.5
			1	12				0	25.5
1			24				0	25.5	
12			0				1	24.5	
12			6				1	24.5	
12			13				1	24.5	
25			0				1	24.5	
1			0				1	24.5	
1			12				1	24.5	
1			24				1	24.5	
12		0				2	23.5		
12		6				2	23.5		
12		13				2	23.5		
25		0				2	23.5		
1		0				2	23.5		
1		12				2	23.5		
1		24				2	23.5		
12		0				3	22.5		
12		6				3	22.5		
12		13				3	22.5		
25		0				3	22.5		

LTE Band 13_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23230					
		Frequency (MHz)		782					
10	QPSK	1	0		24.70		0	25.5	
		1	24		24.77		0	25.5	
		1	49		24.59		0	25.5	
		25	0		23.65		1	24.5	
		25	12		23.76		1	24.5	
		25	25		23.64		1	24.5	
		50	0		23.66		1	24.5	
		1	0		23.77		1	24.5	
		1	24		23.81		1	24.5	
		1	49		23.48		1	24.5	
	25	0		22.67		2	23.5		
	25	12		22.66		2	23.5		
	25	25		22.50		2	23.5		
	50	0		22.46		2	23.5		
	1	0		22.83		2	23.5		
	1	24		22.96		2	23.5		
	1	49		22.64		2	23.5		
	25	0		21.61		3	22.5		
	25	12		21.78		3	22.5		
	25	25		21.69		3	22.5		
	50	0		21.58		3	22.5		
	BW [MHz]	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)		779.5	782	784.5		
	5	QPSK	1	0				0	25.5
			1	12				0	25.5
1			24				0	25.5	
12			0				1	24.5	
12			6				1	24.5	
12			13				1	24.5	
25			0				1	24.5	
1			0				1	24.5	
1			12				1	24.5	
1			24				1	24.5	
12		0				2	23.5		
12		6				2	23.5		
12		13				2	23.5		
25		0				2	23.5		
1		0				2	23.5		
1		12				2	23.5		
1		24				2	23.5		
12		0				3	22.5		
12		6				3	22.5		
12		13				3	22.5		
25		0				3	22.5		

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LTE Band 17_Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10	QPSK	1	0	24.75	24.83	24.76	0	25.5
		1	24	24.79	24.88	24.80	0	25.5
		1	49	24.57	24.71	24.62	0	25.5
		25	0	23.70	23.81	23.70	1	24.5
		25	12	23.79	23.88	23.83	1	24.5
		25	25	23.66	23.76	23.72	1	24.5
		50	0	23.82	23.84	23.81	1	24.5
		1	0	23.95	23.98	23.91	1	24.5
		1	24	24.07	24.08	24.01	1	24.5
		1	49	23.71	23.81	23.76	1	24.5
	25	0	22.85	22.88	22.78	2	23.5	
	25	12	22.81	22.94	22.82	2	23.5	
	25	25	22.74	22.83	22.76	2	23.5	
	50	0	22.72	22.85	22.81	2	23.5	
	1	0	22.94	23.01	22.97	2	23.5	
	1	24	22.96	23.06	22.93	2	23.5	
	1	49	22.81	22.83	22.68	2	23.5	
	25	0	21.84	21.87	21.80	3	22.5	
	25	12	21.79	21.94	21.87	3	22.5	
	25	25	21.84	21.91	21.84	3	22.5	
	50	0	21.73	21.83	21.71	3	22.5	
	BW [MHz]	Modulation	Channel	23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)	706.5	710	713.5		
	5	QPSK	1	0			0	25.5
			1	12			0	25.5
1			24			0	25.5	
12			0			1	24.5	
12			6			1	24.5	
12			13			1	24.5	
25			0			1	24.5	
1		0			1	24.5		
1		12			1	24.5		
1		24			1	24.5		
12		0			2	23.5		
12		6			2	23.5		
12		13			2	23.5		
25		0			2	23.5		
1		0			2	23.5		
1		12			2	23.5		
1		24			2	23.5		
12		0			3	22.5		
12		6			3	22.5		
12		13			3	22.5		
25		0			3	22.5		

LTE Band 17_Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10	QPSK	1	0	24.84	24.92	24.85	0	25.5
		1	24	24.93	24.97	24.87	0	25.5
		1	49	24.69	24.83	24.82	0	25.5
		25	0	23.76	23.89	23.74	1	24.5
		25	12	23.92	24.01	23.92	1	24.5
		25	25	23.79	23.84	23.71	1	24.5
		50	0	23.90	23.91	23.76	1	24.5
		1	0	23.62	23.71	23.63	1	24.5
		1	24	24.07	24.19	24.12	1	24.5
		1	49	23.91	23.95	23.92	1	24.5
	25	0	22.98	23.02	22.92	2	23.5	
	25	12	22.91	23.05	22.90	2	23.5	
	25	25	22.81	22.87	22.79	2	23.5	
	50	0	22.84	22.87	22.81	2	23.5	
	1	0	22.99	23.04	22.92	2	23.5	
	1	24	23.17	23.21	23.12	2	23.5	
	1	49	22.86	22.97	22.96	2	23.5	
	25	0	21.94	22.04	22.00	3	22.5	
	25	12	21.95	21.96	21.82	3	22.5	
	25	25	21.83	21.97	21.91	3	22.5	
	50	0	21.82	21.91	21.79	3	22.5	
	BW [MHz]	Modulation	Channel	23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)	706.5	710	713.5		
	5	QPSK	1	0			0	25.5
			1	12			0	25.5
			1	24			0	25.5
			12	0			1	24.5
			12	6			1	24.5
			12	13			1	24.5
			25	0			1	24.5
1		0			1	24.5		
1		12			1	24.5		
1		24			1	24.5		
12		0			2	23.5		
12		6			2	23.5		
12		13			2	23.5		
25		0			2	23.5		
1		0			2	23.5		
1		12			2	23.5		
1		24			2	23.5		
12		0			3	22.5		
12		6			3	22.5		
12		13			3	22.5		
25		0			3	22.5		

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LTE Band 26_Ant0									
BW [MHz]	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			
15	QPSK	1	0	24.90	24.81	24.70	0	25.5	
		1	37	24.94	24.85	24.73	0	25.5	
		1	74	24.76	24.69	24.56	0	25.5	
		36	0	23.91	23.82	23.73	1	24.5	
		36	19	23.95	23.88	23.75	1	24.5	
		36	39	23.87	23.84	23.67	1	24.5	
		75	0	23.90	23.86	23.70	1	24.5	
		1	0	23.92	23.91	23.78	1	24.5	
		1	37	23.97	23.95	23.85	1	24.5	
		1	74	23.91	23.90	23.88	1	24.5	
		36	0	22.91	22.83	22.69	2	23.5	
		36	19	22.98	22.84	22.77	2	23.5	
	36	39	22.89	22.71	22.66	2	23.5		
	75	0	22.88	22.85	22.71	2	23.5		
	1	0	22.86	22.80	22.88	2	23.5		
	1	37	22.98	22.94	22.78	2	23.5		
	1	74	22.90	22.88	22.77	2	23.5		
	36	0	21.93	21.85	21.76	3	22.5		
	36	19	21.96	21.87	21.78	3	22.5		
	36	39	21.92	21.81	21.69	3	22.5		
	75	0	21.88	21.80	21.70	3	22.5		
	10	QPSK	1	0	26740	26865	26990	0	25.5
			1	24	819	831.5	844	0	25.5
			1	49				0	25.5
25			0				1	24.5	
25			12				1	24.5	
25			25				1	24.5	
50			0				1	24.5	
1			0				1	24.5	
1			24				1	24.5	
1			49				1	24.5	
25			0				2	23.5	
25			12				2	23.5	
25		25				2	23.5		
50		0				2	23.5		
1		0				2	23.5		
1		24				2	23.5		
1		49				2	23.5		
25		0				3	22.5		
25		12				3	22.5		
25		25				3	22.5		
50		0				3	22.5		
5		QPSK	1	0	26715	26865	27015	0	25.5
			1	12	816.5	831.5	846.5	0	25.5
			1	24				0	25.5
	12		0				1	24.5	
	12		6				1	24.5	
	12		13				1	24.5	
	25		0				1	24.5	
	1		0				1	24.5	
	1		12				1	24.5	
	1		24				1	24.5	
	12		0				2	23.5	
	12		6				2	23.5	
	12	13				2	23.5		
	25	0				2	23.5		
	1	0				2	23.5		
	1	12				2	23.5		
	1	24				2	23.5		
	12	0				3	22.5		
	12	6				3	22.5		
	12	13				3	22.5		
	25	0				3	22.5		
	3	QPSK	1	0	26705	26865	27025	0	25.5
			1	7	815.5	831.5	847.5	0	25.5
			1	14				0	25.5
8			0				1	24.5	
8			3				1	24.5	
8			7				1	24.5	
15			0				1	24.5	
1			0				1	24.5	
1			7				1	24.5	
1			14				1	24.5	
8			0				2	23.5	
8			3				2	23.5	
8		7				2	23.5		
15		0				2	23.5		
1		0				2	23.5		
1		7				2	23.5		
1		14				2	23.5		
8		0				3	22.5		
8		3				3	22.5		
8		7				3	22.5		
15		0				3	22.5		
1.4		QPSK	1	0	26697	26865	27033	0	25.5
			1	2	814.7	831.5	848.3	0	25.5
			1	5				0	25.5
	3		0				0	25.5	
	3		1				0	25.5	
	3		3				0	25.5	
	6		0				1	24.5	
	1		0				1	24.5	
	1		2				1	24.5	
	1		5				1	24.5	
	3		0				1	24.5	
	3		1				1	24.5	
	3	3				1	24.5		
	6	0				2	23.5		
	1	0				2	23.5		
	1	2				2	23.5		
	1	5				2	23.5		
	3	0				2	23.5		
	3	1				2	23.5		
	3	3				2	23.5		
	6	0				3	22.5		

LTE Band 26_Ant1										
BW [MHz]	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				
15	QPSK	1	0	23.36	23.27	23.19	0	24		
		1	37	23.34	23.20	23.17	0	24		
		1	74	23.19	23.12	23.03	0	24		
		36	0	23.05	22.87	22.92	0	24		
		36	19	23.11	23.09	23.05	0	24		
		36	39	22.91	22.89	23.02	0	24		
		75	0	22.94	23.01	22.89	0	24		
		1	0	23.23	23.15	23.21	0	24		
		1	37	23.18	23.19	23.09	0	24		
		1	74	23.12	23.17	23.07	0	24		
		36	0	22.54	22.51	22.50	0.5	23.5		
		36	19	22.63	22.65	22.49	0.5	23.5		
	36	39	22.69	22.61	22.45	0.5	23.5			
	75	0	22.59	22.51	22.38	0.5	23.5			
	1	0	22.88	22.67	22.74	0.5	23.5			
	1	37	22.84	22.73	22.71	0.5	23.5			
	1	74	22.73	22.59	22.62	0.5	23.5			
	36	0	21.68	21.54	21.52	1.5	22.5			
	36	19	21.68	21.56	21.55	1.5	22.5			
	36	39	21.63	21.58	21.37	1.5	22.5			
	75	0	21.64	21.60	21.44	1.5	22.5			
	10	QPSK	1	0	26740	26865	26990	0	24	
			1	24	819	831.5	844	0	24	
			1	49				0	24	
			25	0				0	24	
			25	12				0	24	
			25	25				0	24	
			50	0				0	24	
			1	0				0	24	
			1	24				0	24	
			1	49				0	24	
			25	0				0.5	23.5	
			25	12				0.5	23.5	
		25	25				0.5	23.5		
		50	0				0.5	23.5		
		1	0				0.5	23.5		
		1	24				0.5	23.5		
		1	49				0.5	23.5		
		25	0				1.5	22.5		
		25	12				1.5	22.5		
		25	25				1.5	22.5		
		50	0				1.5	22.5		
		5	QPSK	1	0	26715	26865	27015	0	24
				1	12	816.5	831.5	846.5	0	24
				1	24				0	24
				12	0				0	24
				12	6				0	24
				12	13				0	24
25				0				0	24	
1				0				0	24	
1				12				0	24	
1				24				0	24	
12				0				0.5	23.5	
12				6				0.5	23.5	
12			13				0.5	23.5		
25			0				0.5	23.5		
1			0				0.5	23.5		
1			12				0.5	23.5		
1			24				0.5	23.5		
12			0				1.5	22.5		
12			6				1.5	22.5		
12			13				1.5	22.5		
25			0				1.5	22.5		
3			QPSK	1	0	26705	26865	27025	0	24
				1	7	815.5	831.5	847.5	0	24
				1	14				0	24
				8	0				0	24
				8	3				0	24
				8	7				0	24
	15			0				0	24	
	1			0				0	24	
	1			7				0	24	
	1			14				0	24	
	8			0				0.5	23.5	
	8			3				0.5	23.5	
	8		7				0.5	23.5		
	15		0				0.5	23.5		
	1		0				0.5	23.5		
	1		7				0.5	23.5		
	1		14				0.5	23.5		
	8		0				1.5	22.5		
	8		3				1.5	22.5		
	8		7				1.5	22.5		
	15		0				1.5	22.5		
	1.4		QPSK	1	0	26697	26865	27033	0	24
				1	2	814.7	831.5	848.3	0	24
				1	5				0	24
				3	0				0	24
				3	1				0	24
				3	3				0	24
		6		0				0	24	
		1		0				0	24	
		1		2				0	24	
		1		5				0	24	
		3		0				0	24	
		3		1				0	24	
		3	3				0	24		
		6	0				0.5	23.5		
		1	0				0.5	23.5		
		1	2				0.5	23.5		
		1	5				0.5	23.5		
		3	0				0.5	23.5		
		3	1				0.5	23.5		
		3	3				0.5	23.5		
		6	0				1.5	22.5		

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LTE Band 38_Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel	37850	38000	38150			
		Frequency (MHz)	2580	2595	2610			
20	QPSK	1	0	23.34	23.31	23.23	0	25
		1	50	24.40	24.42	24.38	0	25
		1	99	24.17	24.20	24.18	0	25
		50	0	23.26	23.22	23.17	1	24
		50	25	23.33	23.35	23.26	1	24
		50	50	23.31	23.23	23.16	1	24
		100	0	23.30	23.34	23.28	1	24
		1	0	22.37	22.30	22.23	1	24
		1	50	23.42	23.38	23.32	1	24
		1	99	23.18	23.18	23.13	1	24
	16QAM	50	0	22.28	22.22	22.15	2	23
		50	25	22.34	22.31	22.24	2	23
		50	50	22.22	22.20	22.16	2	23
		100	0	22.30	22.29	22.21	2	23
		1	0	21.23	21.17	21.10	2	23
		1	50	22.09	22.05	22.02	2	23
		1	99	21.81	21.83	21.80	2	23
		50	0	21.36	21.36	21.23	3	22
		50	25	21.43	21.41	21.33	3	22
		50	50	21.35	21.28	21.26	3	22
	64QAM	100	0	21.33	21.35	21.24	3	22
		Channel		37825	38000	38175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5		
		QPSK	1	0				0
1			37				0	25
1			74				0	25
36			0				1	24
36			19				1	24
36			39				1	24
75			0				1	24
16QAM	1		0				1	24
	1		37				1	24
	1		74				1	24
	36	0				2	23	
	36	19				2	23	
	36	39				2	23	
	75	0				2	23	
	64QAM	1	0				2	23
		1	37				2	23
		1	74				2	23
36		0				3	22	
36		19				3	22	
36		39				3	22	
75		0				3	22	
Channel		37800	38000	38200	3GPP MPR (dB)	Max. Tune-up (dBm)		
Frequency (MHz)		2575	2595	2615				
QPSK		1	0				0	25
	1	24				0	25	
	1	49				0	25	
	25	0				1	24	
	25	12				1	24	
	25	25				1	24	
	50	0				1	24	
	16QAM	1	0				1	24
		1	24				1	24
		1	49				1	24
25		0				2	23	
25		12				2	23	
25		25				2	23	
50		0				2	23	
64QAM		1	0				2	23
		1	24				2	23
		1	49				2	23
	25	0				3	22	
	25	12				3	22	
	25	25				3	22	
	50	0				3	22	
	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)	
	Frequency (MHz)		2572.5	2595	2617.5			
	QPSK	1	0				0	25
1		12				0	25	
1		24				0	25	
12		0				1	24	
12		6				1	24	
12		13				1	24	
25		0				1	24	
16QAM		1	0				1	24
		1	12				1	24
		1	24				1	24
	12	0				2	23	
	12	6				2	23	
	12	13				2	23	
	25	0				2	23	
	64QAM	1	0				2	23
		1	12				2	23
		1	24				2	23
12		0				3	22	
12		6				3	22	
12		13				3	22	
25		0				3	22	

LTE Band 38_Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel	37850	38000	38150			
		Frequency (MHz)	2580	2595	2610			
20	QPSK	1	0	18.13	18.11	18.17	0	19.5
		1	50	18.46	18.34	18.35	0	19.5
		1	99	18.27	18.25	18.21	0	19.5
		50	0	18.27	18.11	18.06	0	19.5
		50	25	18.32	18.31	18.20	0	19.5
		50	50	18.19	18.06	18.04	0	19.5
		100	0	18.31	18.28	18.16	0	19.5
		1	0	18.19	18.07	18.16	0	19.5
		1	50	18.40	18.32	18.07	0	19.5
		1	99	18.06	18.02	18.24	0	19.5
	16QAM	50	0	18.37	18.18	18.18	0	19.5
		50	25	18.46	18.35	18.36	0	19.5
		50	50	18.22	18.14	18.19	0	19.5
		100	0	18.28	18.31	18.19	0	19.5
		1	0	18.24	18.20	18.19	0	19.5
		1	50	18.05	18.00	18.09	0	19.5
		1	99	18.09	18.05	18.16	0	19.5
		50	0	18.18	18.04	18.01	0	19.5
		50	25	18.30	18.21	18.29	0	19.5
		50	50	18.08	18.11	18.27	0	19.5
	64QAM	100	0	18.13	18.23	18.06	0	19.5
		Channel		37825	38000	38175	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		2577.5	2595	2612.5		
		QPSK	1	0				0
1			37				0	19.5
1			74				0	19.5
36			0				0	19.5
36			19				0	19.5
36			39				0	19.5
75			0				0	19.5
16QAM	1		0				0	19.5
	1		37				0	19.5
	1		74				0	19.5
	36	0				0	19.5	
	36	19				0	19.5	
	36	39				0	19.5	
	75	0				0	19.5	
	64QAM	1	0				0	19.5
		1	37				0	19.5
		1	74				0	19.5
36		0				0	19.5	
36		19				0	19.5	
36		39				0	19.5	
75		0				0	19.5	
Channel		37800	38000	38200	3GPP MPR (dB)	Max. Tune-up (dBm)		
Frequency (MHz)		2575	2595	2615				
QPSK		1	0				0	19.5
	1	24				0	19.5	
	1	49				0	19.5	
	25	0				0	19.5	
	25	12				0	19.5	
	25	25				0	19.5	
	50	0				0	19.5	
	16QAM	1	0				0	19.5
		1	24				0	19.5
		1	49				0	19.5
25		0				0	19.5	
25		12				0	19.5	
25		25				0	19.5	
50		0				0	19.5	
64QAM		1	0				0	19.5
		1	24				0	19.5
		1	49				0	19.5
	25	0				0	19.5	
	25	12				0	19.5	
	25	25				0	19.5	
	50	0				0	19.5	
	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)	
	Frequency (MHz)		2572.5	2595	2617.5			
	QPSK	1	0				0	19.5
1		12				0	19.5	
1		24				0	19.5	
12		0				0	19.5	
12		6				0	19.5	
12		13				0	19.5	
25		0				0	19.5	
16QAM		1	0				0	19.5
		1	12				0	19.5
		1	24				0	19.5
	12	0				0	19.5	
	12	6				0	19.5	
	12	13				0	19.5	
	25	0				0	19.5	
	64QAM	1	0				0	19.5
		1	12				0	19.5
		1	24				0	19.5
12		0				0	19.5	
12		6				0	19.5	
12		13				0	19.5	
25		0				0	19.5	

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LTE Band 41_Ant0										
BW [MHz]	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)	2898	2549.5	2893	2836.5	2880			
20	QPSK	1	0	24.78	24.52	24.33	24.29	24.09	0	25
		1	50	24.88	24.57	24.45	24.43	24.16	0	25
		1	99	24.61	24.24	24.20	24.22	23.87	0	25
		50	0	23.68	23.38	23.27	23.20	23.05	1	24
		50	25	23.74	23.49	23.33	23.30	23.06	1	24
		50	50	23.68	23.32	23.24	23.21	22.85	1	24
		100	0	23.76	23.45	23.36	23.32	23.05	1	24
		1	0	23.73	23.52	23.31	23.24	23.04	1	24
		1	50	23.87	23.56	23.42	23.41	23.13	1	24
		1	99	23.60	23.29	23.19	23.15	22.87	1	24
	16QAM	50	0	22.69	22.43	22.28	22.26	22.08	2	23
		50	25	22.76	22.50	22.35	22.33	22.07	2	23
		50	50	22.69	22.37	22.24	22.22	21.88	2	23
		100	0	22.71	22.42	22.29	22.28	22.01	2	23
		1	0	22.41	22.45	22.25	22.23	22.01	2	23
		1	50	22.52	22.19	22.36	22.31	22.07	2	23
		1	99	22.24	22.21	22.14	22.12	22.31	2	23
		50	0	21.76	21.55	21.39	21.36	21.12	3	22
		50	25	21.84	21.60	21.46	21.42	21.13	3	22
		50	50	21.77	21.46	21.34	21.30	21.21	3	22
64QAM	100	0	21.75	21.50	21.36	21.33	21.05	3	22	
	1	0	39725	40172.5	40620	41067.5	41515	3GPP MPR (dB)	Max. Tune-up (dBm)	
	1	0	2893.5	2548.25	2893	2837.75	2882.5	0	25	
	1	37						0	25	
	1	74						1	24	
	36	0						1	24	
	36	19						1	24	
	36	39						2	23	
	75	0						2	23	
	1	0						1	24	
15	QPSK	1	37						1	24
		1	74						1	24
		36	0						2	23
		36	19						2	23
		36	39						3	22
	16QAM	1	0						2	23
		1	37						2	23
		1	74						3	22
		36	0						3	22
		36	19						3	22
64QAM	1	0						3	22	
	1	37						3	22	
	1	74						3	22	
	36	0						3	22	
	36	19						3	22	
10	QPSK	1	0	39750	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		1	0	2891	2847	2893	2839	2885	0	25
		1	24						0	25
		1	49						0	25
		25	0						1	24
	16QAM	25	12						1	24
		25	25						1	24
		50	0						2	23
		1	0						2	23
		1	24						2	23
64QAM	1	49						2	23	
	25	0						2	23	
	25	12						3	22	
	25	25						3	22	
	50	0						3	22	
5	QPSK	1	0	39675	40147.5	40620	41092.5	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		1	0	2488.5	2545.75	2893	2840.25	2887.5	0	25
		1	12						0	25
		1	24						1	24
		12	0						1	24
	16QAM	12	6						1	24
		12	13						1	24
		25	0						1	24
		1	0						1	24
		1	12						1	24
64QAM	1	24						1	24	
	12	0						2	23	
	12	6						2	23	
	12	13						2	23	
	25	0						2	23	

LTE Band 41_Ant1										
BW [MHz]	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)	2896	2549.5	2893	2836.5	2880			
20	QPSK	1	0	18.69	18.36	18.47	18.45	18.21	0	19.5
		1	50	18.92	18.99	18.51	18.54	18.28	0	19.5
		1	99	18.76	18.73	18.32	18.25	17.96	0	19.5
		50	0	18.42	18.59	18.19	18.17	17.94	0	19.5
		50	25	18.61	18.72	18.48	18.20	18.11	0	19.5
		50	50	18.46	18.51	18.25	18.15	17.82	0	19.5
		100	0	18.63	18.73	18.33	18.13	17.89	0	19.5
		1	0	18.51	18.72	18.31	18.27	17.96	0	19.5
		1	50	18.64	18.76	18.24	18.39	18.04	0	19.5
		1	99	18.47	18.38	18.08	18.14	17.74	0	19.5
	16QAM	50	0	18.65	18.80	18.34	18.25	18.13	0	19.5
		50	25	18.65	18.78	18.41	18.33	18.19	0	19.5
		50	50	18.63	18.61	18.25	18.26	17.84	0	19.5
		100	0	18.58	18.76	18.32	18.27	18.02	0	19.5
		1	0	18.28	18.40	18.41	18.28	18.11	0	19.5
		1	50	18.47	18.52	18.30	18.39	18.08	0	19.5
		1	99	18.11	18.51	18.21	18.15	18.03	0	19.5
		50	0	18.63	18.88	18.40	18.41	18.29	0	19.5
		50	25	18.75	18.94	18.50	18.45	18.18	0	19.5
		50	50	18.76	18.71	18.32	18.31	18.06	0	19.5
64QAM	100	0	18.65	18.82	18.35	18.39	18.11	0	19.5	
	1	0	39725	40172.5	40620	41067.5	41515	3GPP MPR (dB)	Max. Tune-up (dBm)	
	1	0	2893.5	2548.25	2893	2837.75	2882.5	0	19.5	
	1	37						0	19.5	
	1	74						0	19.5	
	36	0						0	19.5	
	36	19						0	19.5	
	36	39						0	19.5	
	75	0						0	19.5	
	1	0						0	19.5	
15	QPSK	1	37						0	19.5
		1	74						0	19.5
		36	0						0	19.5
		36	19						0	19.5
		36	39						0	19.5
	16QAM	1	0						0	19.5
		1	37						0	19.5
		1	74						0	19.5
		36	0						0	19.5
		36	19						0	19.5
64QAM	1	0						0	19.5	
	1	37						0	19.5	
	1	74						0	19.5	
	36	0						0	19.5	
	36	19						0	19.5	
10	QPSK	1	0	39750	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)
		1	0	2891	2847	2893	2839	2885	0	19.5
		1	24						0	19.5
		1	49						0	19.5
		25	0						0	19.5
	16QAM	25	12						0	19.5
		25	25						0	19.5
		50	0						0	19.5
		1	0						0	19.5
		1	24						0	19.5
64QAM	1	49						0	19.5	
	25	0						0	19.5	
	25	12						0	19.5	
	25	25						0	19.5	
	50	0						0	19.5	
5	QPSK	1	0	39675	40147.5	40620	41092.5	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		1	0	2488.5	2545.75	2893	2840.25	2887.5	0	19.5
		1	12						0	19.5
		1	24						0	19.5
		12	0						0	19.5
	16QAM	12	6						0	19.5
		12	13						0	19.5
		25	0						0	19.5
		1	0						0	19.5
		1	12						0	19.5
64QAM	1	24						0	19.5	
	12	0						0	19.5	
	12	6						0	19.5	
	12	13						0	19.5	
	25	0						0	19.5	

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LTE Band 66_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		132072	132322	132872			
		Frequency (MHz)		1720	1745	1770			
20	QPSK	1	0	24.37	24.30	24.27	0	25	
		1	50	24.57	24.50	24.46	0	25	
		1	99	24.42	24.38	24.31	0	25	
		50	0	23.44	23.54	23.41	1	24	
		50	25	23.65	23.60	23.53	1	24	
		50	50	23.63	23.55	23.44	1	24	
	100	0	23.52	23.49	23.40	1	24		
	16QAM	1	0	23.60	23.47	23.50	1	24	
		1	50	23.72	23.76	23.71	1	24	
		1	99	23.63	23.65	23.58	1	24	
		50	0	22.41	22.50	22.42	2	23	
		50	25	22.58	22.47	22.52	2	23	
		50	50	22.60	22.56	22.48	2	23	
	100	0	22.50	22.51	22.49	2	23		
	64QAM	1	0	22.56	22.46	22.47	2	23	
		1	50	22.52	22.54	22.55	2	23	
		1	99	22.55	22.60	22.54	2	23	
		50	0	21.43	21.55	21.53	3	22	
		50	25	21.61	21.58	21.55	3	22	
		50	50	21.60	21.54	21.56	3	22	
	100	0	21.52	21.51	21.49	3	22		
	15	QPSK	1	0				0	25
			1	37				0	25
			1	74				0	25
36			0				1	24	
36			19				1	24	
36			39				1	24	
75		0				1	24		
16QAM		1	0				1	24	
		1	37				1	24	
		1	74				1	24	
		36	0				2	23	
		36	19				2	23	
		36	39				2	23	
75		0				2	23		
64QAM		1	0				2	23	
		1	37				2	23	
		1	74				2	23	
		36	0				3	22	
		36	19				3	22	
		36	39				3	22	
75		0				3	22		
10		QPSK	1	0				0	25
			1	24				0	25
			1	49				0	25
	25		0				1	24	
	25		12				1	24	
	25		25				1	24	
	50	0				1	24		
	16QAM	1	0				1	24	
		1	24				1	24	
		1	49				1	24	
		25	0				2	23	
		25	12				2	23	
		25	25				2	23	
	50	0				2	23		
	64QAM	1	0				2	23	
		1	24				2	23	
		1	49				2	23	
		25	0				3	22	
		25	12				3	22	
		25	25				3	22	
	50	0				3	22		
	5	QPSK	1	0				0	25
			1	12				0	25
			1	24				0	25
12			0				1	24	
12			6				1	24	
12			13				1	24	
25		0				1	24		
16QAM		1	0				1	24	
		1	12				1	24	
		1	24				1	24	
		12	0				2	23	
		12	6				2	23	
		12	13				2	23	
25		0				2	23		
64QAM		1	0				2	23	
		1	12				2	23	
		1	24				2	23	
		12	0				3	22	
		12	6				3	22	
		12	13				3	22	
25		0				3	22		
3		QPSK	1	0				0	25
			1	7				0	25
			1	14				0	25
	8		0				1	24	
	8		3				1	24	
	8		7				1	24	
	15	0				1	24		
	16QAM	1	0				1	24	
		1	7				1	24	
		1	14				1	24	
		8	0				2	23	
		8	3				2	23	
		8	7				2	23	
	15	0				2	23		
	64QAM	1	0				2	23	
		1	7				2	23	
		1	14				2	23	
		8	0				3	22	
		8	3				3	22	
		8	7				3	22	
	15	0				3	22		
	1.4	QPSK	1	0				0	25
			1	2				0	25
			1	5				0	25
3			0				0	25	
3			1				0	25	
3			3				0	25	
6		0				1	24		
16QAM		1	0				1	24	
		1	2				1	24	
		1	5				1	24	
		3	0				1	24	
		3	1				1	24	
		3	3				1	24	
6		0				2	23		
64QAM		1	0				2	23	
		1	2				2	23	
		1	5				2	23	
		3	0				2	23	
		3	1				2	23	
		3	3				2	23	
6		0				3	22		
1.4		QPSK	1	0				0	25
			1	2				0	25
			1	5				0	25
	3		0				0	25	
	3		1				0	25	
	3		3				0	25	
	6	0				1	24		
	16QAM	1	0				1	24	
		1	2				1	24	
		1	5				1	24	
		3	0				1	24	
		3	1				1	24	
		3	3				1	24	
	6	0				2	23		
	64QAM	1	0				2	23	
		1	2				2	23	
		1	5				2	23	
		3	0				2	23	
		3	1				2	23	
		3	3				2	23	
	6	0				3	22		

LTE Band 66_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		132072	132322	132872			
		Frequency (MHz)		1720	1745	1770			
20	QPSK	1	0	17.55	17.37	17.42	0	18	
		1	50	17.76	17.62	17.58	0	18	
		1	99	17.54	17.45	17.43	0	18	
		50	0	17.31	17.40	17.22	0	18	
		50	25	17.66	17.41	17.31	0	18	
		50	50	17.58	17.35	17.24	0	18	
	100	0	17.49	17.45	17.38	0	18		
	16QAM	1	0	17.44	17.31	17.39	0	18	
		1	50	17.73	17.55	17.54	0	18	
		1	99	17.56	17.49	17.36	0	18	
		50	0	17.45	17.57	17.53	0	18	
		50	25	17.64	17.58	17.40	0	18	
		50	50	17.60	17.45	17.43	0	18	
	100	0	17.58	17.52	17.40	0	18		
	64QAM	1	0	17.53	17.45	17.43	0	18	
		1	50	17.69	17.67	17.61	0	18	
		1	99	17.53	17.57	17.51	0	18	
		50	0	17.38	17.47	17.41	0	18	
		50	25	17.51	17.58	17.48	0	18	
		50	50	17.57	17.42	17.49	0	18	
	100	0	17.58	17.42	17.44	0	18		
	15	QPSK	1	0				0	18
			1	37				0	18
			1	74				0	18
36			0				0	18	
36			19				0	18	
36			39				0	18	
75		0				0	18		
16QAM		1	0				0	18	
		1	37				0	18	
		1	74				0	18	
		36	0				0	18	
		36	19				0	18	
		36	39				0	18	
75		0				0	18		
64QAM		1	0				0	18	
		1	37				0	18	
		1	74				0	18	
		36	0				0	18	
		36	19				0	18	
		36	39				0	18	
75		0				0	18		
10		QPSK	1	0				0	18
			1	24				0	18
			1	49				0	18
	25		0				0	18	
	25		12				0	18	
	25		25				0	18	
	50	0				0	18		
	16QAM	1	0				0	18	
		1	24				0	18	
		1	49				0	18	
		25	0				0	18	
		25	12				0	18	
		25	25				0	18	
	50	0				0	18		
	64QAM	1	0						

(DS1-2)

LTE Band 2_Ant0										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Channel		18700	18900	19100				
		Frequency (MHz)		1880	1880	1900				
20	QPSK	1	0	20.51	20.58	20.44	0	21		
		1	50	20.59	20.74	20.48	0	21		
		1	99	20.53	20.68	20.28	0	21		
		50	0	20.39	20.38	20.30	0	21		
		50	25	20.42	20.58	20.36	0	21		
		50	50	20.41	20.46	20.33	0	21		
	100	0	20.42	20.45	20.26	0	21			
	16QAM	1	0	20.40	20.56	20.37	0	21		
		1	50	20.70	20.60	20.57	0	21		
		1	99	20.54	20.51	20.24	0	21		
		50	0	20.41	20.46	20.45	0	21		
		50	25	20.50	20.48	20.33	0	21		
		50	50	20.48	20.35	20.25	0	21		
	100	0	20.44	20.45	20.30	0	21			
	64QAM	1	0	20.42	20.56	20.36	0	21		
		1	50	20.55	20.67	20.52	0	21		
		1	99	20.58	20.41	20.15	0	21		
		50	0	20.44	20.35	20.41	0	21		
		50	25	20.51	20.54	20.36	0	21		
		50	50	20.50	20.54	20.40	0	21		
	100	0	20.47	20.46	20.36	0	21			
	15	QPSK	1	0				0	21	
			1	37				0	21	
			1	74				0	21	
36			0				0	21		
36			19				0	21		
36			39				0	21		
75		0				0	21			
16QAM		1	0				0	21		
		1	37				0	21		
		1	74				0	21		
		36	0				0	21		
		36	19				0	21		
		36	39				0	21		
75		0				0	21			
64QAM		1	0				0	21		
		1	37				0	21		
		1	74				0	21		
		36	0				0	21		
		36	19				0	21		
		36	39				0	21		
75		0				0	21			
10		QPSK	1	0				0	21	
			1	24				0	21	
			1	49				0	21	
	25		0				0	21		
	25		12				0	21		
	25		25				0	21		
	50	0				0	21			
	16QAM	1	0				0	21		
		1	24				0	21		
		1	49				0	21		
		25	0				0	21		
		25	12				0	21		
		25	25				0	21		
	50	0				0	21			
	64QAM	1	0				0	21		
		1	24				0	21		
		1	49				0	21		
		25	0				0	21		
		25	12				0	21		
		25	25				0	21		
	50	0				0	21			
	5	QPSK	1	0				0	21	
			1	12				0	21	
			1	24				0	21	
12			0				0	21		
12			6				0	21		
12			13				0	21		
25		0				0	21			
16QAM		1	0				0	21		
		1	12				0	21		
		1	24				0	21		
		12	0				0	21		
		12	6				0	21		
		12	13				0	21		
25		0				0	21			
64QAM		1	0				0	21		
		1	12				0	21		
		1	24				0	21		
		12	0				0	21		
		12	6				0	21		
		12	13				0	21		
25		0				0	21			
3		QPSK	1	0				0	21	
			1	7				0	21	
			1	14				0	21	
	8		0				0	21		
	8		3				0	21		
	8		7				0	21		
	15	0				0	21			
	16QAM	1	0				0	21		
		1	7				0	21		
		1	14				0	21		
		8	0				0	21		
		8	3				0	21		
		8	7				0	21		
	15	0				0	21			
	64QAM	1	0				0	21		
		1	7				0	21		
		1	14				0	21		
		8	0				0	21		
		8	3				0	21		
		8	7				0	21		
	15	0				0	21			
	1.4	QPSK	1	0				0	21	
			1	2				0	21	
			1	5				0	21	
3			0				0	21		
3			1				0	21		
3			3				0	21		
6		0				0	21			
16QAM		1	0				0	21		
		1	2				0	21		
		1	5				0	21		
		3	0				0	21		
		3	1				0	21		
		3	3				0	21		
6		0				0	21			
64QAM		1	0				0	21		
		1	2				0	21		
		1	5				0	21		
		3	0				0	21		
		3	1				0	21		
		3	3				0	21		
6		0				0	21			

LTE Band 2_Ant1										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Channel		18700	18900	19100				
		Frequency (MHz)		1880	1880	1900				
20	QPSK	1	0	23.25	23.18	23.29	0	24		
		1	50	23.42	23.48	23.40	0	24		
		1	99	23.20	23.43	23.24	0	24		
		50	0	22.71	22.69	22.55	0.5	23.5		
		50	25	22.68	22.71	22.58	0.5	23.5		
		50	50	22.73	22.76	22.69	0.5	23.5		
	100	0	22.66	22.67	22.56	0.5	23.5			
	16QAM	1	0	22.99	22.83	22.74	0.5	23.5		
		1	50	22.99	22.83	22.93	0.5	23.5		
		1	99	23.02	23.02	22.91	0.5	23.5		
		50	0	21.76	21.55	21.63	1.5	22.5		
		50	25	21.85	21.84	21.83	1.5	22.5		
		50	50	21.70	21.66	21.66	1.5	22.5		
	100	0	21.84	21.70	21.59	1.5	22.5			
	64QAM	1	0	21.86	21.73	21.77	1.5	22.5		
		1	50	22.06	21.90	21.75	1.5	22.5		
		1	99	21.73	21.80	21.81	1.5	22.5		
		50	0	20.73	20.77	20.78	2.5	21.5		
		50	25	20.77	20.82	20.86	2.5	21.5		
		50	50	20.88	20.57	20.61	2.5	21.5		
	100	0	20.79	20.62	20.69	2.5	21.5			
	15	QPSK	1	0				0	24	
			1	37				0	24	
			1	74				0	24	
36			0				0.5	23.5		
36			19				0.5	23.5		
36			39				0.5	23.5		
75		0				0.5	23.5			
16QAM		1	0				0.5	23.5		
		1	37				0.5	23.5		
		1	74				0.5	23.5		
		36	0				1.5	22.5		
		36	19				1.5	22.5		
		36	39				1.5	22.5		
75		0				1.5	22.5			
64QAM		1	0				0.5	23.5		
		1	37				0.5	23.5		
		1	74				0.5	23.5		
		36	0				2.5	21.5		
		36	19				2.5	21.5		
		36	39				2.5	21.5		
75		0				2.5	21.5			
10		QPSK	1	0				0	24	
			1	24				0	24	
			1	49				0	24	
	25		0				0.5	23.5		
	25		12				0.5	23.5		
	25		25				0.5	23.5		
	50	0				0.5	23.5			
	16QAM	1	0				0.5	23.5		
		1	24				0.5	23.5		
		1	49				0.5	23.5		
		25	0				1.5	22.5		
		25	12				1.5	22.5		
		25	25				1.5	22.5		
	50	0				1.5	22.5			
	64QAM	1	0			</				

(DSI-2)

LTE Band 4_Ant0										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Channel		20090	20175	20300				
		Frequency (MHz)		1720	1732.5	1745				
20	QPSK	1	0	19.60	19.73	19.65	0	20.5		
		1	50	19.80	19.94	19.86	0	20.5		
		1	99	19.72	19.70	19.66	0	20.5		
		50	0	19.68	19.67	19.68	0	20.5		
		50	25	19.79	19.83	19.82	0	20.5		
		50	50	19.74	19.69	19.72	0	20.5		
	100	0	19.70	19.85	19.77	0	20.5			
	16QAM	1	0	19.71	19.64	19.65	0	20.5		
		1	50	19.90	19.89	19.77	0	20.5		
		1	99	19.73	19.76	19.67	0	20.5		
		50	0	19.58	19.51	19.58	0	20.5		
		50	25	19.72	19.70	19.76	0	20.5		
		50	50	19.73	19.53	19.66	0	20.5		
	100	0	19.75	19.52	19.70	0	20.5			
	64QAM	1	0	19.55	19.58	19.54	0	20.5		
		1	50	19.80	19.76	19.77	0	20.5		
		1	99	19.71	19.71	19.47	0	20.5		
		50	0	19.59	19.65	19.77	0	20.5		
		50	25	19.65	19.72	19.62	0	20.5		
		50	50	19.69	19.65	19.74	0	20.5		
	100	0	19.59	19.53	19.68	0	20.5			
	BW [MHz]	Modulation	Channel	20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)		
			Frequency (MHz)	1772.5	1732.5	1747.5				
	15	QPSK	1	0				0	20.5	
1			37				0	20.5		
1			74				0	20.5		
36			0				0	20.5		
36			19				0	20.5		
36			39				0	20.5		
75		0				0	20.5			
16QAM		1	0				0	20.5		
		1	37				0	20.5		
		1	74				0	20.5		
		36	0				0	20.5		
		36	19				0	20.5		
		36	39				0	20.5		
75		0				0	20.5			
64QAM		1	0				0	20.5		
		1	37				0	20.5		
		1	74				0	20.5		
		36	0				0	20.5		
		36	19				0	20.5		
		36	39				0	20.5		
75		0				0	20.5			
BW [MHz]		Modulation	Channel	20900	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)		
			Frequency (MHz)	1715	1732.5	1750				
10		QPSK	1	0				0	20.5	
	1		24				0	20.5		
	1		49				0	20.5		
	25		0				0	20.5		
	25		12				0	20.5		
	25		25				0	20.5		
	50	0				0	20.5			
	16QAM	1	0				0	20.5		
		1	24				0	20.5		
		1	49				0	20.5		
		25	0				0	20.5		
		25	12				0	20.5		
		25	25				0	20.5		
	50	0				0	20.5			
	64QAM	1	0				0	20.5		
		1	24				0	20.5		
		1	49				0	20.5		
		25	0				0	20.5		
		25	12				0	20.5		
		25	25				0	20.5		
	50	0				0	20.5			
	BW [MHz]	Modulation	Channel	19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)		
			Frequency (MHz)	1712.5	1732.5	1762.5				
	5	QPSK	1	0				0	20.5	
1			12				0	20.5		
1			24				0	20.5		
12			0				0	20.5		
12			6				0	20.5		
12			13				0	20.5		
25		0				0	20.5			
16QAM		1	0				0	20.5		
		1	12				0	20.5		
		1	24				0	20.5		
		12	0				0	20.5		
		12	6				0	20.5		
		12	13				0	20.5		
25		0				0	20.5			
64QAM		1	0				0	20.5		
		1	12				0	20.5		
		1	24				0	20.5		
		12	0				0	20.5		
		12	6				0	20.5		
		12	13				0	20.5		
25		0				0	20.5			
BW [MHz]		Modulation	Channel	19965	20175	20385	3GPP MPR (dB)	Max. Tune-up (dBm)		
			Frequency (MHz)	1711.5	1732.5	1753.5				
3		QPSK	1	0				0	20.5	
	1		7				0	20.5		
	1		14				0	20.5		
	8		0				0	20.5		
	8		3				0	20.5		
	8		7				0	20.5		
	15	0				0	20.5			
	16QAM	1	0				0	20.5		
		1	7				0	20.5		
		1	14				0	20.5		
		8	0				0	20.5		
		8	3				0	20.5		
		8	7				0	20.5		
	15	0				0	20.5			
	64QAM	1	0				0	20.5		
		1	7				0	20.5		
		1	14				0	20.5		
		8	0				0	20.5		
		8	3				0	20.5		
		8	7				0	20.5		
	15	0				0	20.5			
	BW [MHz]	Modulation	Channel	19957	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)		
			Frequency (MHz)	1710.7	1732.5	1754.3				
	1.4	QPSK	1	0				0	20.5	
1			2				0	20.5		
1			5				0	20.5		
3			0				0	20.5		
3			1				0	20.5		
3			3				0	20.5		
6		0				0	20.5			
16QAM		1	0				0	20.5		
		1	2				0	20.5		
		1	5				0	20.5		
		3	0				0	20.5		
		3	1				0	20.5		
		3	3				0	20.5		
6		0				0	20.5			
64QAM		1	0				0	20.5		
		1	2				0	20.5		
		1	5				0	20.5		
		3	0				0	20.5		
		3	1				0	20.5		
		3	3				0	20.5		
6		0				0	20.5			

LTE Band 4_Ant1										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Channel		20050	20175	20300				
		Frequency (MHz)		1720	1732.5	1745				
20	QPSK	1	0	23.65	23.61	23.55	0	24.5		
		1	50	23.79	23.84	23.76	0	24.5		
		1	99	23.65	23.65	23.64	0	24.5		
		50	0	22.67	22.74	22.71	1	23.5		
		50	25	22.85	22.87	22.76	1	23.5		
		50	50	22.63	22.72	22.65	1	23.5		
	100	0	22.59	22.71	22.62	1	23.5			
	16QAM	1	0	22.77	22.91	22.82	1	23.5		
		1	50	22.85	22.93	22.95	1	23.5		
		1	99	22.86	22.81	22.60	1	23.5		
		50	0	21.55	21.67	21.63	2	22.5		
		50	25	21.69	21.84	21.69	2	22.5		
		50	50	21.62	21.67	21.66	2	22.5		
	100	0	21.62	21.68	21.64	2	22.5			
	64QAM	1	0	21.79	21.80	21.74	2	22.5		
		1	50	21.90	21.92	21.79	2	22.5		
		1	99	21.77	21.82	21.75	2	22.5		
		50	0	20.68	20.73	20.68	3	21.5		
		50	25	20.73	20.86	20.77	3	21.5		
		50	50	20.67	20.74	20.68	3	21.5		
	100	0	20.59	20.72	20.58	3	21.5			
	BW [MHz]	Modulation	Channel	20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)		
			Frequency (MHz)	1717.5	1732.5	1747.5				
	15	QPSK	1	0				0	24.5	
1			37				0	24.5		
1			74				0	24.5		
36			0				1	23.5		
36			19				1	23.5		
36			39				1	23.5		
75		0				1	23.5			
16QAM		1	0				0	23.5		
		1	37				0	23.5		
		1	74				1	23.5		
		36	0				2	22.5		
		36	19				2	22.5		
		36	39				2	22.5		
75		0				2	22.5			
64QAM		1	0				0	23.5		

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LTE Band 5_Ant0								
BW [MHz]	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		
10	QPSK	1	0	24.86	24.83	24.77	0	25.5
		1	24	24.85	24.73	24.75	0	25.5
		1	49	24.79	24.68	24.63	0	25.5
		25	0	23.97	23.85	23.82	1	24.5
		25	12	23.92	23.79	23.80	1	24.5
		25	25	23.89	23.84	23.70	1	24.5
	50	0	24.11	24.08	23.74	1	24.5	
	16QAM	1	0	24.02	23.97	23.92	1	24.5
		1	24	23.91	23.93	23.86	1	24.5
		1	49	23.87	23.86	23.70	1	24.5
		25	0	22.91	22.89	22.78	2	23.5
		25	12	22.97	22.88	22.83	2	23.5
		25	25	22.89	22.82	22.73	2	23.5
	50	0	22.90	23.03	22.75	2	23.5	
	64QAM	1	0	23.16	23.06	23.00	2	23.5
		1	24	23.12	23.05	22.94	2	23.5
		1	49	23.03	23.02	22.87	2	23.5
		25	0	21.94	21.84	21.80	3	22.5
25		12	22.00	21.91	21.86	3	22.5	
25		25	21.92	21.87	21.73	3	22.5	
50	0	21.95	21.86	21.77	3	22.5		
BW [MHz]	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5	QPSK	1	0				0	25.5
		1	12				0	25.5
		1	24				0	25.5
		12	0				1	24.5
		12	6				1	24.5
		12	13				1	24.5
	25	0				1	24.5	
	16QAM	1	0				1	24.5
		1	12				1	24.5
		1	24				1	24.5
		12	0				2	23.5
		12	6				2	23.5
		12	13				2	23.5
	25	0				2	23.5	
	64QAM	1	0				2	23.5
		1	12				2	23.5
		1	24				2	23.5
		12	0				3	22.5
12		6				3	22.5	
12		13				3	22.5	
25	0				3	22.5		
BW [MHz]	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3	QPSK	1	0				0	25.5
		1	7				0	25.5
		1	14				0	25.5
		8	0				1	24.5
		8	3				1	24.5
		8	7				1	24.5
	15	0				1	24.5	
	16QAM	1	0				1	24.5
		1	7				1	24.5
		1	14				1	24.5
		8	0				2	23.5
		8	3				2	23.5
		8	7				2	23.5
	15	0				2	23.5	
	64QAM	1	0				2	23.5
		1	7				2	23.5
		1	14				2	23.5
		8	0				3	22.5
8		3				3	22.5	
8		7				3	22.5	
15	0				3	22.5		
BW [MHz]	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4	QPSK	1	0				0	25.5
		1	2				0	25.5
		1	5				0	25.5
		3	0				0	25.5
		3	1				0	25.5
		3	3				0	25.5
	6	0				1	24.5	
	16QAM	1	0				1	24.5
		1	2				1	24.5
		1	5				1	24.5
		3	0				1	24.5
		3	1				1	24.5
		3	3				1	24.5
	6	0				2	23.5	
	64QAM	1	0				2	23.5
		1	2				2	23.5
		1	5				2	23.5
		3	0				2	23.5
3		1				2	23.5	
3		3				2	23.5	
6	0				3	22.5		

LTE Band 5_Ant1								
BW [MHz]	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		
10	QPSK	1	0	24.82	24.79	24.73	0	25.5
		1	24	24.85	24.81	24.76	0	25.5
		1	49	24.77	24.71	24.60	0	25.5
		25	0	23.88	23.78	23.77	1	24.5
		25	12	23.92	23.87	23.81	1	24.5
		25	25	23.87	23.80	23.70	1	24.5
	50	0	23.90	23.81	23.76	1	24.5	
	16QAM	1	0	23.83	23.86	23.80	1	24.5
		1	24	23.94	23.91	23.91	1	24.5
		1	49	23.93	23.84	23.64	1	24.5
		25	0	22.86	22.78	22.78	2	23.5
		25	12	22.94	22.88	22.83	2	23.5
		25	25	22.91	22.85	22.72	2	23.5
	50	0	22.89	22.79	22.75	2	23.5	
	64QAM	1	0	23.08	22.95	22.97	2	23.5
		1	24	23.04	23.06	22.87	2	23.5
		1	49	23.05	22.97	22.84	2	23.5
		25	0	21.90	21.81	21.81	3	22.5
25		12	21.96	21.91	21.84	3	22.5	
25		25	21.93	21.83	21.74	3	22.5	
50	0	21.91	21.84	21.77	3	22.5		
BW [MHz]	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5	QPSK	1	0				0	25.5
		1	12				0	25.5
		1	24				0	25.5
		12	0				1	24.5
		12	6				1	24.5
		12	13				1	24.5
	25	0				1	24.5	
	16QAM	1	0				1	24.5
		1	12				1	24.5
		1	24				1	24.5
		12	0				2	23.5
		12	6				2	23.5
		12	13				2	23.5
	25	0				2	23.5	
	64QAM	1	0				2	23.5
		1	12				2	23.5
		1	24				2	23.5
		12	0				3	22.5
12		6				3	22.5	
12		13				3	22.5	
25	0				3	22.5		
BW [MHz]	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3	QPSK	1	0				0	25.5
		1	7				0	25.5
		1	14				0	25.5
		8	0				1	24.5
		8	3				1	24.5
		8	7				1	24.5
	15	0				1	24.5	
	16QAM	1	0				1	24.5
		1	7				1	24.5
		1	14				1	24.5
		8	0				2	23.5
		8	3				2	23.5
		8	7				2	23.5
	15	0				2	23.5	
	64QAM	1	0				2	23.5
		1	7				2	23.5
		1	14				2	23.5
		8	0				3	22.5
8		3				3	22.5	
8		7				3	22.5	
15	0				3	22.5		
BW [MHz]	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4	QPSK	1	0				0	25.5
		1	2				0	25.5
		1	5				0	25.5
		3	0				0	25.5
		3	1				0	25.5
		3	3				0	25.5
	6	0				1	24.5	
	16QAM	1	0				1	24.5
		1	2				1	24.5
		1	5				1	24.5
		3	0				1	24.5
		3	1				1	24.5
		3	3				1	24.5
	6	0				2	23.5	
	64QAM	1	0				2	23.5
		1	2				2	23.5
		1	5				2	23.5
		3	0				2	23.5
3		1				2	23.5	
3		3				2	23.5	
6	0				3	22.5		

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LTE Band 7_Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20	QPSK	1	0	19.12	19.07	18.89	0	20
		1	50	19.17	19.09	19.05	0	20
		1	99	18.95	18.84	18.71	0	20
		50	0	18.81	18.69	18.71	0	20
		50	25	18.94	18.87	18.81	0	20
		50	50	18.84	18.81	18.50	0	20
		100	0	18.86	18.81	18.57	0	20
		1	0	18.95	18.91	18.77	0	20
		1	50	19.00	19.03	18.77	0	20
		1	99	18.71	18.68	19.01	0	20
	16QAM	50	0	18.90	18.96	18.81	0	20
		50	25	19.02	18.93	18.59	0	20
		50	50	18.90	19.01	18.61	0	20
		100	0	18.93	19.02	18.60	0	20
		1	0	19.05	19.04	18.81	0	20
		1	50	19.13	18.95	18.94	0	20
		1	99	18.82	19.03	18.52	0	20
		50	0	19.02	18.99	18.89	0	20
		50	25	19.07	18.92	18.89	0	20
		50	50	19.03	19.06	18.74	0	20
	64QAM	100	0	18.99	18.92	18.75	0	20
		1	0				0	20
		1	37				0	20
		1	74				0	20
36		0				0	20	
36		19				0	20	
36		39				0	20	
75		0				0	20	
1		0				0	20	
1		37				0	20	
1	74				0	20		
36	0				0	20		
36	19				0	20		
36	39				0	20		
75	0				0	20		
15	QPSK	1	0				0	20
		1	37				0	20
		1	74				0	20
		36	0				0	20
		36	19				0	20
		36	39				0	20
		75	0				0	20
		1	0				0	20
		1	37				0	20
		1	74				0	20
	16QAM	36	0				0	20
		36	19				0	20
		36	39				0	20
		75	0				0	20
		1	0				0	20
		1	37				0	20
		1	74				0	20
		36	0				0	20
		36	19				0	20
		36	39				0	20
	64QAM	75	0				0	20
		1	0				0	20
		1	37				0	20
		1	74				0	20
36		0				0	20	
36		19				0	20	
36		39				0	20	
75		0				0	20	
1		0				0	20	
1		37				0	20	
1	74				0	20		
36	0				0	20		
36	19				0	20		
36	39				0	20		
75	0				0	20		
10	QPSK	1	0				0	20
		1	24				0	20
		1	49				0	20
		25	0				0	20
		25	12				0	20
		25	25				0	20
		50	0				0	20
		1	0				0	20
		1	24				0	20
		1	49				0	20
	16QAM	25	0				0	20
		25	12				0	20
		25	25				0	20
		50	0				0	20
		1	0				0	20
		1	24				0	20
		1	49				0	20
		25	0				0	20
		25	12				0	20
		25	25				0	20
	64QAM	50	0				0	20
		1	0				0	20
		1	24				0	20
		1	49				0	20
25		0				0	20	
25		12				0	20	
25		25				0	20	
50		0				0	20	
1		0				0	20	
1		24				0	20	
1	49				0	20		
25	0				0	20		
25	12				0	20		
25	25				0	20		
50	0				0	20		
5	QPSK	1	0				0	20
		1	12				0	20
		1	24				0	20
		12	0				0	20
		12	6				0	20
		12	13				0	20
		25	0				0	20
		1	0				0	20
		1	12				0	20
		1	24				0	20
	16QAM	12	0				0	20
		12	6				0	20
		12	13				0	20
		25	0				0	20
		1	0				0	20
		1	12				0	20
		1	24				0	20
		12	0				0	20
		12	6				0	20
		12	13				0	20
	64QAM	25	0				0	20
		1	0				0	20
		1	12				0	20
		1	24				0	20
12		0				0	20	
12		6				0	20	
12		13				0	20	
25		0				0	20	
1		0				0	20	
1		12				0	20	
1	24				0	20		
12	0				0	20		
12	6				0	20		
12	13				0	20		
25	0				0	20		

LTE Band 7_Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		20850	21100	21350		
		Frequency (MHz)		2510	2535	2560		
20	QPSK	1	0	23.60	23.68	23.21	0	24.5
		1	50	23.75	23.81	23.38	0	24.5
		1	99	23.47	23.46	22.67	0	24.5
		50	0	22.75	22.70	22.13	1	23.5
		50	25	22.77	22.88	22.19	1	23.5
		50	50	22.69	22.75	21.92	1	23.5
		100	0	22.59	22.76	22.12	1	23.5
		1	0	22.73	22.78	22.30	1	23.5
		1	50	22.76	22.91	22.38	1	23.5
		1	99	22.49	22.75	21.91	1	23.5
	16QAM	50	0	21.50	21.67	21.37	2	22.5
		50	25	21.67	21.83	21.24	2	22.5
		50	50	21.61	21.76	21.16	2	22.5
		100	0	21.63	21.66	21.39	2	22.5
		1	0	21.78	21.78	21.75	2	22.5
		1	50	21.85	21.92	21.68	2	22.5
		1	99	21.60	21.68	21.38	2	22.5
		50	0	20.78	20.73	20.69	3	21.5
		50	25	20.80	20.86	20.63	3	21.5
		50	50	20.72	20.77	20.39	3	21.5
	64QAM	100	0	20.74	20.73	20.58	3	21.5
		1	0				0	24.5
		1	37				0	24.5
		1	74				0	24.5
36		0				1	23.5	
36		19				1	23.5	
36		39				1	23.5	
75		0				1	23.5	
1		0				1	23.5	
1		37				1	23.5	
1	74				1	23.5		
36	0				2	22.5		
36	19				2	22.5		
36	39				2	22.5		
75	0				2	22.5		
15	QPSK	1	0				0	24.5
		1	37				0	24.5
		1	74				0	24.5
		36	0				1	23.5
		36	19				1	23.5
		36	39				1	23.5
		75	0				1	23.5
		1	0				1	23.5
		1	37				1	23.5
		1	74				1	23.5
	16QAM	36	0				2	22.5
		36	19				2	22.5
		36	39				2	22.5
		75	0				2	22.5
		1	0				2	22.5
		1	37				2	22.5
		1	74				2	22.5
		36	0				3	21.5
		36	19				3	21.5
		36	39				3	21.5
	64QAM	75	0				3	21.5
		1	0				3	21.5
		1	37				3	21.5
		1	74				3	21.5
36		0				3	21.5	
36		19				3	21.5	
36		39				3	21.5	
75		0				3	21.5	
1		0						

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LTE Band 12_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23060	23095	23130			
		Frequency (MHz)		704	707.5	711			
10	QPSK	1	0	24.84	24.82	24.76	0	25.5	
		1	24	24.89	24.84	24.79	0	25.5	
		1	49	24.70	24.58	24.66	0	25.5	
		25	0	23.83	23.78	23.73	1	24.5	
		25	12	23.89	23.80	23.85	1	24.5	
		25	25	23.79	23.65	23.69	1	24.5	
	16QAM	50	0	23.82	23.70	23.76	1	24.5	
		1	0	23.49	23.43	23.42	1	24.5	
		1	24	23.54	23.52	23.49	1	24.5	
		1	49	23.39	23.27	23.33	1	24.5	
		25	0	22.84	22.74	22.76	2	23.5	
		25	12	22.91	22.78	22.89	2	23.5	
	64QAM	25	25	22.83	22.78	22.74	2	23.5	
		50	0	22.80	22.78	22.71	2	23.5	
		1	0	23.19	23.10	23.08	2	23.5	
		1	24	23.01	22.92	22.98	2	23.5	
		1	49	23.05	23.04	22.90	2	23.5	
		25	0	21.86	21.72	21.85	3	22.5	
	5	QPSK	25	12	21.89	21.85	21.74	3	22.5
			25	25	21.76	21.71	21.73	3	22.5
			50	0	21.83	21.69	21.75	3	22.5
1			0	23.035	23.095	23.155	3GPP MPR (dB)	Max. Tune-up (dBm)	
Channel			23035	23095	23155	3GPP MPR (dB)	Max. Tune-up (dBm)		
Frequency (MHz)			701.5	707.5	713.5				
5		QPSK	1	0				0	25.5
			1	12				0	25.5
			1	24				0	25.5
			12	0				1	24.5
			12	6				1	24.5
			12	13				1	24.5
		16QAM	25	0				1	24.5
			1	0				1	24.5
			1	12				1	24.5
			1	24				1	24.5
			12	0				2	23.5
			12	6				2	23.5
		64QAM	12	13				2	23.5
			25	0				2	23.5
			1	0				2	23.5
1	12					2	23.5		
1	24					2	23.5		
12	0					3	22.5		
3	QPSK	12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		1	0				3	22.5	
		1	12				3	22.5	
		1	24				3	22.5	
	16QAM	12	0				3	22.5	
		12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		1	0				3	22.5	
		1	12				3	22.5	
	64QAM	1	24				3	22.5	
		12	0				3	22.5	
		12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		15	0				3	22.5	
	3	QPSK	1	0				0	25.5
			1	7				0	25.5
			1	14				0	25.5
8			0				1	24.5	
8			3				1	24.5	
8			7				1	24.5	
16QAM		15	0				1	24.5	
		1	0				1	24.5	
		1	7				1	24.5	
		1	14				1	24.5	
		8	0				2	23.5	
		8	3				2	23.5	
64QAM		8	7				2	23.5	
		15	0				2	23.5	
		1	0				2	23.5	
	1	7				2	23.5		
	1	14				2	23.5		
	8	0				3	22.5		
1.4	QPSK	8	3				3	22.5	
		8	7				3	22.5	
		15	0				3	22.5	
		1	0				3	22.5	
		1	7				3	22.5	
		1	14				3	22.5	
	16QAM	8	0				3	22.5	
		8	3				3	22.5	
		8	7				3	22.5	
		15	0				3	22.5	
		1	0				3	22.5	
		1	7				3	22.5	
	64QAM	1	14				3	22.5	
		8	0				3	22.5	
		8	3				3	22.5	
		8	7				3	22.5	
		15	0				3	22.5	
		15	0				3	22.5	
	1.4	QPSK	1	0				0	25.5
			1	2				0	25.5
			1	5				0	25.5
3			0				0	25.5	
3			1				0	25.5	
3			3				0	25.5	
16QAM		6	0				1	24.5	
		1	0				1	24.5	
		1	2				1	24.5	
		1	5				1	24.5	
		3	0				1	24.5	
		3	1				1	24.5	
64QAM		3	3				1	24.5	
		6	0				2	23.5	
		1	0				2	23.5	
	1	2				2	23.5		
	1	5				2	23.5		
	3	0				2	23.5		
1.4	QPSK	3	1				2	23.5	
		3	3				2	23.5	
		6	0				2	23.5	
		1	0				2	23.5	
		1	2				2	23.5	
		1	5				2	23.5	
	16QAM	3	0				2	23.5	
		3	1				2	23.5	
		3	3				2	23.5	
		6	0				2	23.5	
		1	0				2	23.5	
		1	2				2	23.5	
	64QAM	1	5				2	23.5	
		3	0				2	23.5	
		3	1				2	23.5	
3		3				2	23.5		
6		0				2	23.5		
6		0				3	22.5		

LTE Band 12_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23060	23095	23130			
		Frequency (MHz)		704	707.5	711			
10	QPSK	1	0	24.95	24.93	24.91	0	25.5	
		1	24	24.96	24.98	24.92	0	25.5	
		1	49	24.76	24.84	24.79	0	25.5	
		25	0	23.93	24.01	23.95	1	24.5	
		25	12	23.90	23.99	23.94	1	24.5	
		25	25	23.62	23.74	23.69	1	24.5	
	16QAM	50	0	23.86	23.96	23.87	1	24.5	
		1	0	23.92	23.95	23.92	1	24.5	
		1	24	24.05	24.18	24.05	1	24.5	
		1	49	23.81	23.90	23.77	1	24.5	
		25	0	22.83	22.91	22.84	2	23.5	
		25	12	22.86	22.99	22.87	2	23.5	
	64QAM	25	25	22.62	22.74	22.61	2	23.5	
		50	0	22.74	22.82	22.71	2	23.5	
		1	0	22.86	22.96	22.93	2	23.5	
		1	24	23.01	23.07	23.06	2	23.5	
		1	49	22.87	22.90	22.80	2	23.5	
		25	0	21.90	21.91	21.77	3	22.5	
	5	QPSK	25	12	21.85	21.99	21.96	3	22.5
			25	25	21.72	21.83	21.81	3	22.5
			50	0	21.71	21.84	21.77	3	22.5
1			0	23.035	23.095	23.155	3GPP MPR (dB)	Max. Tune-up (dBm)	
Channel			23035	23095	23155	3GPP MPR (dB)	Max. Tune-up (dBm)		
Frequency (MHz)			701.5	707.5	713.5				
5		QPSK	1	0				0	25.5
			1	12				0	25.5
			1	24				0	25.5
			12	0				1	24.5
			12	6				1	24.5
			12	13				1	24.5
		16QAM	25	0				1	24.5
			1	0				1	24.5
			1	12				1	24.5
			1	24				1	24.5
			12	0				2	23.5
			12	6				2	23.5
		64QAM	12	13				2	23.5
			25	0				2	23.5
			1	0				2	23.5
1	12					2	23.5		
1	24					2	23.5		
12	0					3	22.5		
3	QPSK	12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		1	0				3	22.5	
		1	12				3	22.5	
		1	24				3	22.5	
	16QAM	12	0				3	22.5	
		12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		1	0				3	22.5	
		1	12				3	22.5	
	64QAM	1	24				3	22.5	
		12	0				3	22.5	
		12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		15	0				3	22.5	
	3	QPSK	1	0				0	25.5
			1	7					

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LTE Band 13_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23230					
		Frequency (MHz)		782					
10	QPSK	1	0		24.71		0	25.5	
		1	24		24.74		0	25.5	
		1	49		24.62		0	25.5	
		25	0		23.66		1	24.5	
		25	12		23.76		1	24.5	
		25	25		23.66		1	24.5	
		50	0		23.70		1	24.5	
		1	0		23.39		1	24.5	
		1	24		23.47		1	24.5	
		1	49		23.33		1	24.5	
	25	0		22.73		2	23.5		
	25	12		22.82		2	23.5		
	25	25		22.68		2	23.5		
	50	0		22.71		2	23.5		
	1	0		22.90		2	23.5		
	1	24		22.91		2	23.5		
	1	49		22.92		2	23.5		
	25	0		21.74		3	22.5		
	25	12		21.79		3	22.5		
	25	25		21.67		3	22.5		
	50	0		21.68		3	22.5		
	BW [MHz]	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)		779.5	782	784.5		
	5	QPSK	1	0				0	25.5
			1	12				0	25.5
1			24				0	25.5	
12			0				1	24.5	
12			6				1	24.5	
12			13				1	24.5	
25			0				1	24.5	
1			0				1	24.5	
1			12				1	24.5	
1			24				1	24.5	
12		0				2	23.5		
12		6				2	23.5		
12		13				2	23.5		
25		0				2	23.5		
1		0				2	23.5		
1		12				2	23.5		
1		24				2	23.5		
12		0				3	22.5		
12		6				3	22.5		
12		13				3	22.5		
25		0				3	22.5		

LTE Band 13_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23230					
		Frequency (MHz)		782					
10	QPSK	1	0		24.70		0	25.5	
		1	24		24.77		0	25.5	
		1	49		24.59		0	25.5	
		25	0		23.65		1	24.5	
		25	12		23.76		1	24.5	
		25	25		23.64		1	24.5	
		50	0		23.66		1	24.5	
		1	0		23.77		1	24.5	
		1	24		23.81		1	24.5	
		1	49		23.48		1	24.5	
	25	0		22.67		2	23.5		
	25	12		22.66		2	23.5		
	25	25		22.50		2	23.5		
	50	0		22.46		2	23.5		
	1	0		22.83		2	23.5		
	1	24		22.96		2	23.5		
	1	49		22.64		2	23.5		
	25	0		21.61		3	22.5		
	25	12		21.78		3	22.5		
	25	25		21.69		3	22.5		
	50	0		21.58		3	22.5		
	BW [MHz]	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)		779.5	782	784.5		
	5	QPSK	1	0				0	25.5
			1	12				0	25.5
1			24				0	25.5	
12			0				1	24.5	
12			6				1	24.5	
12			13				1	24.5	
25			0				1	24.5	
1			0				1	24.5	
1			12				1	24.5	
1			24				1	24.5	
12		0				2	23.5		
12		6				2	23.5		
12		13				2	23.5		
25		0				2	23.5		
1		0				2	23.5		
1		12				2	23.5		
1		24				2	23.5		
12		0				3	22.5		
12		6				3	22.5		
12		13				3	22.5		
25		0				3	22.5		

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LTE Band 17_Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10	QPSK	1	0	24.75	24.83	24.76	0	25.5
		1	24	24.79	24.88	24.80	0	25.5
		1	49	24.57	24.71	24.62	0	25.5
		25	0	23.70	23.81	23.70	1	24.5
		25	12	23.79	23.88	23.83	1	24.5
		25	25	23.66	23.76	23.72	1	24.5
		50	0	23.82	23.84	23.81	1	24.5
		1	0	23.95	23.98	23.91	1	24.5
		1	24	24.07	24.08	24.01	1	24.5
		1	49	23.71	23.81	23.76	1	24.5
	25	0	22.85	22.88	22.78	2	23.5	
	25	12	22.81	22.94	22.82	2	23.5	
	25	25	22.74	22.83	22.76	2	23.5	
	50	0	22.72	22.85	22.81	2	23.5	
	1	0	22.94	23.01	22.97	2	23.5	
	1	24	22.96	23.06	22.93	2	23.5	
	1	49	22.81	22.83	22.68	2	23.5	
	25	0	21.84	21.87	21.80	3	22.5	
	25	12	21.79	21.94	21.87	3	22.5	
	25	25	21.84	21.91	21.84	3	22.5	
	50	0	21.73	21.83	21.71	3	22.5	
	BW [MHz]	Modulation	Channel	23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)	706.5	710	713.5		
	5	QPSK	1	0			0	25.5
			1	12			0	25.5
1			24			0	25.5	
12			0			1	24.5	
12			6			1	24.5	
12			13			1	24.5	
25			0			1	24.5	
1		0			1	24.5		
1		12			1	24.5		
1		24			1	24.5		
12		0			2	23.5		
12		6			2	23.5		
12		13			2	23.5		
25		0			2	23.5		
1		0			2	23.5		
1		12			2	23.5		
1		24			2	23.5		
12		0			3	22.5		
12		6			3	22.5		
12		13			3	22.5		
25		0			3	22.5		

LTE Band 17_Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10	QPSK	1	0	24.84	24.92	24.85	0	25.5
		1	24	24.93	24.97	24.87	0	25.5
		1	49	24.69	24.83	24.82	0	25.5
		25	0	23.76	23.89	23.74	1	24.5
		25	12	23.92	24.01	23.92	1	24.5
		25	25	23.79	23.84	23.71	1	24.5
		50	0	23.90	23.91	23.76	1	24.5
		1	0	23.62	23.71	23.63	1	24.5
		1	24	24.07	24.19	24.12	1	24.5
		1	49	23.91	23.95	23.92	1	24.5
	25	0	22.98	23.02	22.92	2	23.5	
	25	12	22.91	23.05	22.90	2	23.5	
	25	25	22.81	22.87	22.79	2	23.5	
	50	0	22.84	22.87	22.81	2	23.5	
	1	0	22.99	23.04	22.92	2	23.5	
	1	24	23.17	23.21	23.12	2	23.5	
	1	49	22.86	22.97	22.96	2	23.5	
	25	0	21.94	22.04	22.00	3	22.5	
	25	12	21.95	21.96	21.82	3	22.5	
	25	25	21.83	21.97	21.91	3	22.5	
	50	0	21.82	21.91	21.79	3	22.5	
	BW [MHz]	Modulation	Channel	23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)	706.5	710	713.5		
	5	QPSK	1	0			0	25.5
			1	12			0	25.5
1			24			0	25.5	
12			0			1	24.5	
12			6			1	24.5	
12			13			1	24.5	
25			0			1	24.5	
1		0			1	24.5		
1		12			1	24.5		
1		24			1	24.5		
12		0			2	23.5		
12		6			2	23.5		
12		13			2	23.5		
25		0			2	23.5		
1		0			2	23.5		
1		12			2	23.5		
1		24			2	23.5		
12		0			3	22.5		
12		6			3	22.5		
12		13			3	22.5		
25		0			3	22.5		

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LTE Band 26_Ant0									
BW [MHz]	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			
15	QPSK	1	0	24.90	24.81	24.70	0	25.5	
		1	37	24.94	24.85	24.73	0	25.5	
		1	74	24.76	24.69	24.56	0	25.5	
		36	0	23.91	23.82	23.73	1	24.5	
		36	19	23.95	23.88	23.75	1	24.5	
		36	39	23.87	23.84	23.67	1	24.5	
		75	0	23.90	23.86	23.70	1	24.5	
		1	0	23.92	23.91	23.78	1	24.5	
		1	37	23.91	23.95	23.85	1	24.5	
	16QAM	1	74	23.91	23.90	23.88	1	24.5	
		36	0	22.91	22.83	22.69	2	23.5	
		36	19	22.98	22.84	22.77	2	23.5	
		36	39	22.89	22.71	22.66	2	23.5	
		75	0	22.88	22.85	22.71	2	23.5	
		1	0	22.86	22.80	22.88	2	23.5	
		1	37	22.98	22.94	22.78	2	23.5	
		1	74	22.90	22.88	22.77	2	23.5	
		36	0	21.93	21.85	21.76	3	22.5	
	64QAM	36	19	21.96	21.87	21.78	3	22.5	
		36	39	21.92	21.81	21.69	3	22.5	
		75	0	21.88	21.80	21.70	3	22.5	
		Channel		26740	26865	26990	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		819	831.5	844			
		10	QPSK	1	0				0
1				24				0	25.5
1				49				0	25.5
25				0				1	24.5
25	12						1	24.5	
25	25						1	24.5	
50	0						1	24.5	
1	0						1	24.5	
1	24						1	24.5	
16QAM	1		49				1	24.5	
	25		0				2	23.5	
	25		12				2	23.5	
	25		25				2	23.5	
	50		0				2	23.5	
	1		0				2	23.5	
	1		24				2	23.5	
	1		49				2	23.5	
	25		0				3	22.5	
64QAM	25		12				3	22.5	
	25		25				3	22.5	
	50		0				3	22.5	
	Channel		26715	26865	27015	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		816.5	831.5	846.5				
	5		QPSK	1	0				0
		1		12				0	25.5
		1		24				0	25.5
		12		0				1	24.5
12		6					1	24.5	
12		13					1	24.5	
25		0					1	24.5	
1		0					1	24.5	
1		12					1	24.5	
16QAM		1	24				1	24.5	
		12	0				2	23.5	
		12	6				2	23.5	
		12	13				2	23.5	
		25	0				2	23.5	
		1	0				2	23.5	
		1	12				2	23.5	
		1	24				2	23.5	
		12	0				3	22.5	
64QAM		12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		Channel		26705	26865	27025	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		815.5	831.5	847.5			
		3	QPSK	1	0				0
	1			7				0	25.5
	1			14				0	25.5
	8			0				1	24.5
8	3						1	24.5	
8	7						1	24.5	
15	0						1	24.5	
1	0						1	24.5	
1	7						1	24.5	
16QAM	1		14				1	24.5	
	8		0				2	23.5	
	8		3				2	23.5	
	8		7				2	23.5	
	15		0				2	23.5	
	1		0				2	23.5	
	1		7				2	23.5	
	1		14				2	23.5	
	8		0				3	22.5	
64QAM	8		3				3	22.5	
	8		7				3	22.5	
	15		0				3	22.5	
	Channel		26697	26865	27033	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		814.7	831.5	848.3				
	1.4		QPSK	1	0				0
		1		2				0	25.5
		1		5				0	25.5
		3		0				0	25.5
3		1					0	25.5	
3		3					0	25.5	
6		0					1	24.5	
1		0					1	24.5	
1		2					1	24.5	
16QAM		1	5				1	24.5	
		3	0				1	24.5	
		3	1				1	24.5	
		3	3				1	24.5	
		6	0				2	23.5	
		1	0				2	23.5	
		1	2				2	23.5	
		1	5				2	23.5	
		3	0				2	23.5	
64QAM		3	1				2	23.5	
		3	3				2	23.5	
		6	0				3	22.5	

LTE Band 26_Ant1									
BW [MHz]	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			
15	QPSK	1	0	24.72	24.63	24.56	0	25.5	
		1	37	24.70	24.61	24.50	0	25.5	
		1	74	24.59	24.53	24.40	0	25.5	
		36	0	23.68	23.61	23.55	1	24.5	
		36	19	23.73	23.64	23.57	1	24.5	
		36	39	23.66	23.60	23.48	1	24.5	
		75	0	23.66	23.62	23.54	1	24.5	
		1	0	23.94	23.85	23.84	1	24.5	
		1	37	23.99	23.90	23.79	1	24.5	
	16QAM	1	74	23.76	23.84	23.49	1	24.5	
		36	0	22.69	22.60	22.59	2	23.5	
		36	19	22.75	22.67	22.56	2	23.5	
		36	39	22.72	22.63	22.50	2	23.5	
		75	0	22.68	22.66	22.53	2	23.5	
		1	0	22.93	22.79	22.80	2	23.5	
		1	37	22.86	22.77	22.79	2	23.5	
		1	74	22.75	22.65	22.65	2	23.5	
		36	0	21.72	21.65	21.60	3	22.5	
	64QAM	36	19	21.78	21.68	21.62	3	22.5	
		36	39	21.73	21.67	21.52	3	22.5	
		75	0	21.70	21.64	21.54	3	22.5	
		Channel		26740	26865	26990	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		819	831.5	844			
		10	QPSK	1	0				0
1				24				0	25.5
1				49				0	25.5
25				0				1	24.5
25	12						1	24.5	
25	25						1	24.5	
50	0						1	24.5	
1	0						1	24.5	
1	24						1	24.5	
16QAM	1		49				1	24.5	
	25		0				2	23.5	
	25		12				2	23.5	
	25		25				2	23.5	
	50		0				2	23.5	
	1		0				2	23.5	
	1		24				2	23.5	
	1		49				2	23.5	
	25		0				3	22.5	
64QAM	25		12				3	22.5	
	25		25				3	22.5	
	50		0				3	22.5	
	Channel		26715	26865	27015	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		816.5	831.5	846.5				
	5		QPSK	1	0				0
		1		12				0	25.5
		1		24				0	25.5
		12		0				1	24.5
12		6					1	24.5	
12		13					1	24.5	
25		0					1	24.5	
1		0					1	24.5	
1		12					1	24.5	
16QAM		1	24				1	24.5	
		12	0				2	23.5	
		12	6				2	23.5	
		12	13				2	23.5	
		25	0				2	23.5	
		1	0				2	23.5	
		1	12				2	23.5	
		1	24				2	23.5	
		12	0				3	22.5	
64QAM		12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		Channel		26705	26865	27025	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		815.5	831.5	847.5			
		3	QPSK	1	0				0
	1			7				0	25.5
	1			14				0	25.5
	8			0				1	24.5
8	3						1	24.5	
8	7						1	24.5	
15	0						1	24.5	
1	0						1	24.5	
1	7						1	24.5	
16QAM	1		14				1	24.5	
	8		0				2	23.5	
	8		3				2	23.5</	

(DSI-2)

LTE Band 38_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		37850	38000	38150			
		Frequency (MHz)		2580	2595	2610			
20	QPSK	1	0	22.09	22.05	21.99	0	23.5	
		1	50	22.93	22.95	22.86	0	23.5	
		1	99	22.64	22.78	22.69	0	23.5	
		50	0	22.52	22.66	22.52	0	23.5	
		50	25	22.58	22.69	22.67	0	23.5	
		50	50	22.65	22.64	22.52	0	23.5	
		100	0	22.65	22.78	22.50	0	23.5	
		1	0	21.84	21.91	21.88	0	23.5	
		1	50	22.81	22.73	22.61	0	23.5	
		1	99	22.43	22.54	22.38	0	23.5	
	50	0	22.16	22.00	21.97	0.5	23		
	50	25	22.29	22.25	22.10	0.5	23		
	50	50	22.03	22.05	21.90	0.5	23		
	100	0	22.09	22.10	22.04	0.5	23		
	1	0	21.51	21.30	21.35	0.5	23		
	1	50	21.98	21.95	21.91	0.5	23		
	1	99	21.60	21.74	21.63	0.5	23		
	50	0	21.21	21.33	21.16	1.5	22		
	50	25	21.23	21.33	21.18	1.5	22		
	50	50	21.20	21.05	21.00	1.5	22		
	100	0	21.09	21.26	21.11	1.5	22		
	15	QPSK	1	0				0	23.5
			1	37				0	23.5
			1	74				0	23.5
36			0				0	23.5	
36			19				0	23.5	
36			39				0	23.5	
75			0				0	23.5	
1			0				0	23.5	
1			37				0	23.5	
1			74				0	23.5	
36		0				0.5	23		
36		19				0.5	23		
36		39				0.5	23		
75		0				0.5	23		
1		0				0.5	23		
1		37				0.5	23		
1		74				0.5	23		
36		0				1.5	22		
36		19				1.5	22		
36		39				1.5	22		
75		0				1.5	22		
10		QPSK	1	0				0	23.5
			1	24				0	23.5
			1	49				0	23.5
	25		0				0	23.5	
	25		12				0	23.5	
	25		25				0	23.5	
	50		0				0	23.5	
	1		0				0	23.5	
	1		24				0	23.5	
	1		49				0	23.5	
	25	0				0.5	23		
	25	12				0.5	23		
	25	25				0.5	23		
	50	0				0.5	23		
	1	0				0.5	23		
	1	24				0.5	23		
	1	49				0.5	23		
	25	0				1.5	22		
	25	12				1.5	22		
	25	25				1.5	22		
	50	0				1.5	22		
	5	QPSK	1	0				0	23.5
			1	12				0	23.5
			1	24				0	23.5
12			0				0	23.5	
12			6				0	23.5	
12			13				0	23.5	
25			0				0	23.5	
1			0				0	23.5	
1			12				0	23.5	
1			24				0	23.5	
12		0				0.5	23		
12		6				0.5	23		
12		13				0.5	23		
25		0				0.5	23		
1		0				0.5	23		
1		12				0.5	23		
1		24				0.5	23		
12		0				1.5	22		
12		6				1.5	22		
12		13				1.5	22		
25		0				1.5	22		

LTE Band 38_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		37850	38000	38150			
		Frequency (MHz)		2580	2595	2610			
20	QPSK	1	0	22.87	22.81	22.89	0	24.5	
		1	50	23.38	23.36	23.34	0	24.5	
		1	99	23.26	23.26	23.23	0	24.5	
		50	0	22.42	22.33	22.24	1	23.5	
		50	25	22.46	22.42	22.35	1	23.5	
		50	50	22.31	22.30	22.28	1	23.5	
		100	0	22.47	22.39	22.38	1	23.5	
		1	0	21.85	21.81	21.85	1	23.5	
		1	50	22.57	22.45	22.31	1	23.5	
		1	99	22.24	22.24	22.14	1	23.5	
	50	0	21.44	21.33	21.26	2	22.5		
	50	25	21.47	21.40	21.38	2	22.5		
	50	50	21.37	21.26	21.31	2	22.5		
	100	0	21.41	21.38	21.30	2	22.5		
	1	0	20.67	20.56	20.53	2	22.5		
	1	50	21.16	21.09	21.13	2	22.5		
	1	99	20.94	20.90	20.92	2	22.5		
	50	0	20.57	20.42	20.33	3	21.5		
	50	25	20.63	20.57	20.36	3	21.5		
	50	50	20.44	20.37	20.35	3	21.5		
	100	0	20.49	20.41	20.43	3	21.5		
	15	QPSK	1	0				0	24.5
			1	37				0	24.5
			1	74				0	24.5
36			0				1	23.5	
36			19				1	23.5	
36			39				1	23.5	
75			0				1	23.5	
1			0				1	23.5	
1			37				1	23.5	
1			74				1	23.5	
36		0				2	22.5		
36		19				2	22.5		
36		39				2	22.5		
75		0				2	22.5		
1		0				2	22.5		
1		37				2	22.5		
1		74				2	22.5		
36		0				3	21.5		
36		19				3	21.5		
36		39				3	21.5		
75		0				3	21.5		
10		QPSK	1	0				0	24.5
			1	24				0	24.5
			1	49				0	24.5
	25		0				1	23.5	
	25		12				1	23.5	
	25		25				1	23.5	
	50		0				1	23.5	
	1		0				1	23.5	
	1		24				1	23.5	
	1		49				1	23.5	
	25	0				2	22.5		
	25	12				2	22.5		
	25	25				2	22.5		
	50	0				2	22.5		
	1	0				2	22.5		
	1	24				2	22.5		
	1	49				2	22.5		
	25	0				3	21.5		
	25	12				3	21.5		
	25	25				3	21.5		
	50	0				3	21.5		
	5	QPSK	1	0				0	24.5
			1	12				0	24.5
			1	24				0	24.5
12			0				1	23.5	
12			6				1	23.5	
12			13				1	23.5	
25			0				1	23.5	
1			0				1	23.5	
1			12				1	23.5	
1			24				1	23.5	
12		0				2	22.5		
12		6				2	22.5		
12		13				2	22.5		
25		0				2	22.5		
1		0				2	22.5		
1		12				2	22.5		
1		24				2	22.5		
12		0				3	21.5		
12		6				3	21.5		
12		13				3	21.5		
25		0				3	21.5		

LTE Band 41_Ant0										
BW [MHz]	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)		2898	2549.5	2893	2836.5	2880		
20	QPSK	1	0	23.34	23.11	22.83	22.84	22.61	0	23.5
		1	50	23.43	23.16	22.97	22.95	22.64	0	23.5
		1	99	23.12	22.82	22.70	22.74	22.41	0	23.5
		50	0	23.01	22.72	22.65	22.48	22.40	0	23.5
		50	25	23.08	22.88	22.79	22.77	22.64	0	23.5
		50	50	23.02	22.67	22.62	22.54	22.39	0	23.5
		100	0	23.07	22.84	22.71	22.65	22.51	0	23.5
		1	0	23.02	22.89	22.53	22.53	22.34	0	23.5
		1	50	23.23	22.94	22.81	22.69	22.38	0	23.5
		1	99	22.84	22.60	22.52	22.58	22.20	0	23.5
	16QAM	50	0	22.51	22.31	22.07	22.15	21.83	0.5	23
		50	25	22.54	22.31	22.25	22.14	21.94	0.5	23
		50	50	22.43	22.11	22.12	22.05	21.68	0.5	23
		100	0	22.56	22.22	22.09	22.18	21.92	0.5	23
		1	0	22.28	22.23	22.10	22.03	21.97	0.5	23
		1	50	22.24	22.08	22.08	22.13	21.93	0.5	23
		1	99	22.06	21.97	21.99	21.88	22.08	0.5	23
		50	0	21.58	21.49	21.21	21.25	21.04	1.5	22
		50	25	21.64	21.47	21.27	21.27	20.97	1.5	22
		50	50	21.69	21.24	21.17	21.20	20.96	1.5	22
64QAM	100	0	21.48	21.40	21.10	21.23	20.85	1.5	22	
	1	0	39725	40172.5	40620	41067.5	41515	3GPP MPR (dB)	Max. Tune-up (dBm)	
	1	0	2893.5	2548.25	2893	2837.75	2882.5	0	23.5	
	1	37						0	23.5	
	1	74						0	23.5	
	36	0						0	23.5	
	36	19						0	23.5	
	36	39						0	23.5	
	75	0						0	23.5	
	1	0						0	23.5	
15	QPSK	1	37						0	23.5
		1	74						0	23.5
		36	0						0	23.5
		36	19						0	23.5
		36	39						0	23.5
	16QAM	75	0						0	23.5
		1	0						0	23.5
		1	37						0	23.5
		1	74						0	23.5
		36	0						0.5	23
64QAM	36	19						0.5	23	
	36	39						0.5	23	
	75	0						0.5	23	
	1	0						0.5	23	
	1	37						0.5	23	
10	QPSK	1	74						0.5	23
		1	0						1.5	22
		36	0						1.5	22
		36	19						1.5	22
		36	39						1.5	22
	16QAM	75	0						1.5	22
		1	0						1.5	22
		1	37						1.5	22
		1	74						1.5	22
		36	0						1.5	22
64QAM	36	19						1.5	22	
	36	39						1.5	22	
	75	0						1.5	22	
	1	0						1.5	22	
	1	37						1.5	22	
5	QPSK	1	0	39675	40147.5	40620	41092.5	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		1	0	2488.5	2545.75	2893	2640.25	2687.5	0	23.5
		1	12						0	23.5
		1	24						0	23.5
		12	0						0	23.5
		12	6						0	23.5
		12	13						0	23.5
		25	0						0	23.5
		25	25						0	23.5
		50	0						0	23.5
	16QAM	1	0						0	23.5
		1	24						0	23.5
		12	0						0.5	23
		12	6						0.5	23
		12	13						0.5	23
		25	0						0.5	23
		25	25						0.5	23
		50	0						0.5	23
		1	0						0.5	23
		1	12						0.5	23
64QAM	1	24						0.5	23	
	12	0						1.5	22	
	12	6						1.5	22	
	12	13						1.5	22	
	25	0						1.5	22	
	25	25						1.5	22	
	50	0						1.5	22	
	1	0						1.5	22	
	1	12						1.5	22	
	1	24						1.5	22	

LTE Band 41_Ant1										
BW [MHz]	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)		2898	2549.5	2893	2836.5	2880		
20	QPSK	1	0	23.70	23.90	23.41	23.42	23.16	0	24.5
		1	50	23.87	23.98	23.52	23.53	23.22	0	24.5
		1	99	23.65	23.66	23.26	23.25	22.87	0	24.5
		50	0	22.65	22.79	22.34	22.31	22.11	1	23.5
		50	25	22.77	22.86	22.44	22.40	22.17	1	23.5
		50	50	22.69	22.68	22.35	22.29	21.94	1	23.5
		100	0	22.76	22.85	22.45	22.38	22.10	1	23.5
		1	0	22.67	22.59	22.43	22.41	22.18	1	23.5
		1	50	22.86	22.94	22.49	22.50	22.27	1	23.5
		1	99	22.65	22.62	22.27	22.25	21.93	1	23.5
	16QAM	50	0	21.67	21.81	21.37	21.35	21.16	2	22.5
		50	25	21.70	21.86	21.43	21.42	21.20	2	22.5
		50	50	21.67	21.73	21.31	21.35	21.00	2	22.5
		100	0	21.71	21.80	21.41	21.39	21.10	2	22.5
		1	0	21.33	21.55	21.42	21.34	21.17	2	22.5
		1	50	21.50	21.58	21.45	21.46	21.18	2	22.5
		1	99	21.22	21.58	21.26	21.18	21.13	2	22.5
		50	0	20.68	20.91	20.48	20.49	20.35	3	21.5
		50	25	20.88	20.98	20.57	20.54	20.32	3	21.5
		50	50	20.77	20.84	20.37	20.44	20.07	3	21.5
64QAM	100	0	20.72	20.86	20.40	20.45	20.16	3	21.5	
	1	0	39725	40172.5	40620	41067.5	41515	3GPP MPR (dB)	Max. Tune-up (dBm)	
	1	0	2893.5	2548.25	2893	2837.75	2882.5	0	24.5	
	1	37						0	24.5	
	1	74						0	24.5	
	36	0						0	23.5	
	36	19						1	23.5	
	36	39						1	23.5	
	75	0						1	23.5	
	1	0						1	23.5	
15	QPSK	1	37						0	24.5
		1	74						0	24.5
		36	0						0	23.5
		36	19						1	23.5
		36	39						1	23.5
	16QAM	75	0						1	23.5
		1	0						1	23.5
		1	37						1	23.5
		1	74						1	23.5
		36	0						2	22.5
64QAM	36	19						2	22.5	
	36	39						2	22.5	
	75	0						2	22.5	
	1	0						2	22.5	
	1	37						2	22.5	
10	QPSK	1	74						0.5	23
		1	0						1.5	22
		36	0						1.5	22
		36	19						1.5	22
		36	39						1.5	22
	16QAM	75	0						1.5	22
		1	0						1.5	22
		1	37						1.5	22
		1	74						1.5	22
		36	0						1.5	22
64QAM	36	19						1.5	22	
	36	39						1.5	22	
	75	0						1.5	22	
	1	0						1.5	22	
	1	37						1.5	22	
5	QPSK	1	0	39675	40147.5	40620	41092.5	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		1	0	2488.5	2545.75	2893	2640.25	2687.5		

(DS1-2)

LTE Band 66_Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20	QPSK	1	0	19.90	19.87	19.78	0	20.5
		1	50	20.15	20.09	20.02	0	20.5
		1	99	19.99	19.92	19.90	0	20.5
		50	0	19.79	19.82	19.74	0	20.5
		50	25	20.06	19.99	19.97	0	20.5
		50	50	20.00	19.93	19.84	0	20.5
	100	0	19.90	19.75	19.60	0	20.5	
	16QAM	1	0	19.88	19.73	19.87	0	20.5
		1	50	20.11	20.11	19.99	0	20.5
		1	99	20.01	19.97	20.04	0	20.5
		50	0	19.80	19.93	19.72	0	20.5
		50	25	19.83	19.79	19.89	0	20.5
		50	50	19.87	19.80	19.75	0	20.5
	100	0	19.85	19.82	19.88	0	20.5	
	64QAM	1	0	19.92	19.82	19.87	0	20.5
		1	50	19.94	19.84	19.86	0	20.5
		1	99	19.98	19.04	19.80	0	20.5
		50	0	19.78	19.82	19.84	0	20.5
		50	25	20.00	19.91	19.94	0	20.5
		50	50	19.93	19.91	19.94	0	20.5
	100	0	19.90	19.85	19.82	0	20.5	
	BW [MHz]	Modulation	Channel	132047	132322	132597	3GPP MPR	Max. Tune-up
			Frequency (MHz)	1717.5	1745	1772.5		
			1	0			0	20.5
15	QPSK	1	0				0	20.5
		1	37				0	20.5
		1	74				0	20.5
		36	0				0	20.5
		36	19				0	20.5
		36	39				0	20.5
	75	0				0	20.5	
	16QAM	1	0				0	20.5
		1	37				0	20.5
		1	74				0	20.5
		36	0				0	20.5
		36	19				0	20.5
		36	39				0	20.5
	75	0				0	20.5	
	64QAM	1	0				0	20.5
		1	37				0	20.5
		1	74				0	20.5
		36	0				0	20.5
		36	19				0	20.5
		36	39				0	20.5
	75	0				0	20.5	
	BW [MHz]	Modulation	Channel	132022	132322	132622	3GPP MPR	Max. Tune-up
			Frequency (MHz)	1715	1745	1775		
			1	0			0	20.5
10	QPSK	1	0				0	20.5
		1	24				0	20.5
		1	49				0	20.5
		25	0				0	20.5
		25	12				0	20.5
		25	25				0	20.5
	50	0				0	20.5	
	16QAM	1	0				0	20.5
		1	24				0	20.5
		1	49				0	20.5
		25	0				0	20.5
		25	12				0	20.5
		25	25				0	20.5
	50	0				0	20.5	
	64QAM	1	0				0	20.5
		1	24				0	20.5
		1	49				0	20.5
		25	0				0	20.5
		25	12				0	20.5
		25	25				0	20.5
	50	0				0	20.5	
	BW [MHz]	Modulation	Channel	131997	132322	132647	3GPP MPR	Max. Tune-up
			Frequency (MHz)	1712.5	1745	1777.5		
			1	0			0	20.5
5	QPSK	1	0				0	20.5
		1	12				0	20.5
		1	24				0	20.5
		12	0				0	20.5
		12	6				0	20.5
		12	13				0	20.5
	25	0				0	20.5	
	16QAM	1	0				0	20.5
		1	12				0	20.5
		1	24				0	20.5
		12	0				0	20.5
		12	6				0	20.5
		12	13				0	20.5
	25	0				0	20.5	
	64QAM	1	0				0	20.5
		1	12				0	20.5
		1	24				0	20.5
		12	0				0	20.5
		12	6				0	20.5
		12	13				0	20.5
	25	0				0	20.5	
	BW [MHz]	Modulation	Channel	131987	132322	132657	3GPP MPR	Max. Tune-up
			Frequency (MHz)	1711.5	1745	1778.5		
			1	0			0	20.5
3	QPSK	1	0				0	20.5
		1	7				0	20.5
		1	14				0	20.5
		8	0				0	20.5
		8	3				0	20.5
		8	7				0	20.5
	15	0				0	20.5	
	16QAM	1	0				0	20.5
		1	7				0	20.5
		1	14				0	20.5
		8	0				0	20.5
		8	3				0	20.5
		8	7				0	20.5
	15	0				0	20.5	
	64QAM	1	0				0	20.5
		1	7				0	20.5
		1	14				0	20.5
		8	0				0	20.5
		8	3				0	20.5
		8	7				0	20.5
	15	0				0	20.5	
	BW [MHz]	Modulation	Channel	131979	132322	132665	3GPP MPR	Max. Tune-up
			Frequency (MHz)	1710.7	1745	1779.3		
			1	0			0	20.5
1.4	QPSK	1	0				0	20.5
		1	2				0	20.5
		1	5				0	20.5
		3	0				0	20.5
		3	1				0	20.5
		3	3				0	20.5
	6	0				0	20.5	
	16QAM	1	0				0	20.5
		1	2				0	20.5
		1	5				0	20.5
		3	0				0	20.5
		3	1				0	20.5
		3	3				0	20.5
	6	0				0	20.5	
	64QAM	1	0				0	20.5
		1	2				0	20.5
		1	5				0	20.5
		3	0				0	20.5
		3	1				0	20.5
		3	3				0	20.5
	6	0				0	20.5	

LTE Band 66_Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		132072	132322	132572		
		Frequency (MHz)		1720	1745	1770		
20	QPSK	1	0	23.97	23.88	23.81	0	24.5
		1	50	24.16	24.06	23.96	0	24.5
		1	99	24.00	23.93	23.82	0	24.5
		50	0	23.05	23.13	22.91	1	23.5
		50	25	23.27	23.15	23.05	1	23.5
		50	50	23.23	23.08	22.94	1	23.5
	100	0	23.14	23.09	23.05	1	23.5	
	16QAM	1	0	23.16	23.05	23.06	1	23.5
		1	50	23.36	23.28	23.21	1	23.5
		1	99	23.18	23.19	23.02	1	23.5
		50	0	22.01	22.09	22.07	2	22.5
		50	25	22.17	22.11	22.00	2	22.5
		50	50	22.20	22.07	22.01	2	22.5
	100	0	22.10	22.06	22.01	2	22.5	
	64QAM	1	0	22.18	22.00	22.03	2	22.5
		1	50	22.25	22.23	22.20	2	22.5
		1	99	22.18	22.13	22.04	2	22.5
		50	0	21.02	21.10	20.97	3	21.5
		50	25	21.12	21.13	21.03	3	21.5
		50	50	21.14	21.07	21.00	3	21.5
	100	0	21.10	21.06	20.98	3	21.5	
	BW [MHz]	Modulation	Channel	132047	132322	132597	3GPP MPR	Max. Tune-up
			Frequency (MHz)	1717.5	1745	1772.5		
			1	0			0	24.5
15	QPSK	1	0				0	24.5
		1	37				0	24.5
		1	74				0	24.5
		36	0				1	23.5
		36	19				1	23.5
		36	39				1	23.5
	75	0				1	23.5	
	16QAM	1	0				0	23.5
		1	37				0	23.5
		1	74				1	23.5
		36	0				2	22.5
		36	19				2	22.5
		36	39				2	22.5
	75	0				2	22.5	
	64QAM	1	0				0	23.5
		1	37				0	23.5
		1	74				2	22.5
		36	0				3	21.5
		36	19				3	21.5
		36	39				3	21.5
	75	0				3	21.5	
	BW [MHz]	Modulation	Channel	132022	132322	132622	3GPP MPR	Max. Tune-up
			Frequency (MHz)	1715	1745	1775		
			1	0			0	24.5
10	QPSK	1	0				0	24.5
		1	24				0	24.5
		1	49				0	24.5

(DS1-3)

LTE Band 2_Ant0										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	Channel	
		Frequency (MHz)			1860	1880				1900
		1	0	20.51	20.58	20.44				0
20	QPSK	1	0	20.51	20.58	20.44	0	21	1870	
		1	50	20.59	20.74	20.48	0	21	1880	
		1	99	20.53	20.68	20.28	0	21	1890	
		50	0	20.39	20.38	20.30	0	21	1900	
		50	25	20.42	20.58	20.36	0	21	1910	
		50	50	20.41	20.46	20.33	0	21	1920	
	100	0	20.42	20.45	20.26	0	21	1930		
	16QAM	1	0	20.40	20.56	20.37	0	21	1940	
		1	50	20.70	20.60	20.57	0	21	1950	
		1	99	20.54	20.51	20.24	0	21	1960	
		50	0	20.41	20.46	20.45	0	21	1970	
		50	25	20.50	20.48	20.33	0	21	1980	
		50	50	20.48	20.35	20.25	0	21	1990	
	100	0	20.44	20.45	20.30	0	21	2000		
	64QAM	1	0	20.42	20.56	20.36	0	21	2010	
		1	50	20.55	20.67	20.52	0	21	2020	
		1	99	20.58	20.41	20.15	0	21	2030	
		50	0	20.44	20.35	20.41	0	21	2040	
50		25	20.51	20.54	20.36	0	21	2050		
50		50	20.50	20.54	20.40	0	21	2060		
100	0	20.47	20.46	20.36	0	21	2070			
BW [MHz]	Modulation	Channel	Frequency (MHz)	1867.5	1890	1912.5	3GPP MPR (dB)	Max. Tune-up (dBm)		
15	QPSK	1	0				0	21		
		1	37				0	21		
		1	74				0	21		
		36	0				0	21		
		36	19				0	21		
		36	39				0	21		
	75	0				0	21			
	16QAM	1	0				0	21		
		1	37				0	21		
		1	74				0	21		
		36	0				0	21		
		36	19				0	21		
		36	39				0	21		
	75	0				0	21			
	64QAM	1	0				0	21		
		1	37				0	21		
		1	74				0	21		
		36	0				0	21		
36		19				0	21			
36		39				0	21			
75	0				0	21				
BW [MHz]	Modulation	Channel	Frequency (MHz)	1865	1890	1915	3GPP MPR (dB)	Max. Tune-up (dBm)		
10	QPSK	1	0				0	21		
		1	24				0	21		
		1	49				0	21		
		25	0				0	21		
		25	12				0	21		
		25	25				0	21		
	50	0				0	21			
	16QAM	1	0				0	21		
		1	24				0	21		
		1	49				0	21		
		25	0				0	21		
		25	12				0	21		
		25	25				0	21		
	50	0				0	21			
	64QAM	1	0				0	21		
		1	24				0	21		
		1	49				0	21		
		25	0				0	21		
25		12				0	21			
25		25				0	21			
50	0				0	21				
BW [MHz]	Modulation	Channel	Frequency (MHz)	1862.5	1890	1917.5	3GPP MPR (dB)	Max. Tune-up (dBm)		
5	QPSK	1	0				0	21		
		1	12				0	21		
		1	24				0	21		
		12	0				0	21		
		12	6				0	21		
		12	13				0	21		
	25	0				0	21			
	16QAM	1	0				0	21		
		1	12				0	21		
		1	24				0	21		
		12	0				0	21		
		12	6				0	21		
		12	13				0	21		
	25	0				0	21			
	64QAM	1	0				0	21		
		1	12				0	21		
		1	24				0	21		
		12	0				0	21		
12		6				0	21			
12		13				0	21			
25	0				0	21				
BW [MHz]	Modulation	Channel	Frequency (MHz)	1861.5	1890	1918.5	3GPP MPR (dB)	Max. Tune-up (dBm)		
3	QPSK	1	0				0	21		
		1	7				0	21		
		1	14				0	21		
		8	0				0	21		
		8	3				0	21		
		8	7				0	21		
	15	0				0	21			
	16QAM	1	0				0	21		
		1	7				0	21		
		1	14				0	21		
		8	0				0	21		
		8	3				0	21		
		8	7				0	21		
	15	0				0	21			
	64QAM	1	0				0	21		
		1	7				0	21		
		1	14				0	21		
		8	0				0	21		
8		3				0	21			
8		7				0	21			
15	0				0	21				
BW [MHz]	Modulation	Channel	Frequency (MHz)	1860.7	1890	1919.3	3GPP MPR (dB)	Max. Tune-up (dBm)		
1.4	QPSK	1	0				0	21		
		1	2				0	21		
		1	5				0	21		
		3	0				0	21		
		3	1				0	21		
		3	3				0	21		
	6	0				0	21			
	16QAM	1	0				0	21		
		1	2				0	21		
		1	5				0	21		
		3	0				0	21		
		3	1				0	21		
		3	3				0	21		
	6	0				0	21			
	64QAM	1	0				0	21		
		1	2				0	21		
		1	5				0	21		
		3	0				0	21		
3		1				0	21			
3		3				0	21			
6	0				0	21				

LTE Band 2_Ant1										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	Channel	
		Frequency (MHz)			1860	1880				1900
		1 <th>0 <th>19.78 <th>19.71 <th>19.80 <th>0 <th>20.5</th> </th></th></th></th></th>	0 <th>19.78 <th>19.71 <th>19.80 <th>0 <th>20.5</th> </th></th></th></th>	19.78 <th>19.71 <th>19.80 <th>0 <th>20.5</th> </th></th></th>	19.71 <th>19.80 <th>0 <th>20.5</th> </th></th>	19.80 <th>0 <th>20.5</th> </th>				0 <th>20.5</th>
20	QPSK	1	0	19.78	19.71	19.80	0	20.5	1870	
		1	50	19.93	19.95	19.90	0	20.5	1880	
		1	99	19.73	19.82	19.78	0	20.5	1890	
		50	0	19.74	19.76	19.57	0	20.5	1900	
		50	25	19.65	19.70	19.55	0	20.5	1910	
		50	50	19.79	19.83	19.76	0	20.5	1920	
	100	0	19.62	19.78	19.72	0	20.5	1930		
	16QAM	1	0	19.77	19.80	19.73	0	20.5	1940	
		1	50	19.87	19.82	19.84	0	20.5	1950	
		1	99	19.82	19.79	19.91	0	20.5	1960	
		50	0	19.70	19.50	19.74	0	20.5	1970	
		50	25	19.77	19.86	19.65	0	20.5	1980	
		50	50	19.79	19.61	19.68	0	20.5	1990	
	100	0	19.71	19.65	19.58	0	20.5	2000		
	64QAM	1	0	19.84	19.77	19.83	0	20.5	2010	
		1	50	19.89	19.90	19.84	0	20.5	2020	
		1	99	19.92	19.71	19.79	0	20.5	2030	
		50	0	19.70	19.78	19.65	0	20.5	2040	
50		25	19.92	19.68	19.82	0	20.5	2050		
50		50	19.79	19.71	19.61	0	20.5	2060		
100	0	19.78	19.70	19.64	0	20.5	2070			
BW [MHz]	Modulation	Channel	Frequency (MHz)	1867.5	1890	1912.5	3GPP MPR (dB)	Max. Tune-up (dBm)		
15	QPSK	1	0				0	20.5		
		1	37				0	20.5		
		1	74				0	20.5		
		36	0				0	20.5		
		36	19				0	20.5		
		36	39				0	20.5		
	75	0				0	20.5			
	16QAM	1	0				0	20.5		
		1	37				0	20.5		
		1	74				0	20.5		
		36	0				0	20.5		
		36	19				0	20.5		
		36	39				0	20.5		
	75	0				0	20.5			
	64QAM	1	0				0	20.5		
		1	37				0	20.5		
		1	74				0	20.5		
		36	0				0	20.5		
36		19				0	20.5			
36		39				0	20.5			
75	0				0	20.5				
BW [MHz]	Modulation	Channel	Frequency (MHz)	1865	1890	1915	3GPP MPR (dB)	Max. Tune-up (dBm)		
10	QPSK	1	0				0	20.5		
		1	24				0	20.5		
		1	49				0	20.5		
		25	0				0	20.5		
		25	12				0	20.5		
		25	25				0	20.5		
	50	0				0	20.5			
	16QAM	1	0				0	20.5		
		1	24				0	20.5		
		1	49				0	20.5		
		25	0				0	20.5		
		25	12				0	20		

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LTE Band 4_Ant0											
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)			
		Channel		20090	20175	20300					
		Frequency (MHz)		1720	1732.5	1745					
20	QPSK	1	0	19.60	19.73	19.65	0	20.5			
		1	50	19.80	19.94	19.86	0	20.5			
		1	99	19.72	19.70	19.66	0	20.5			
		50	0	19.68	19.67	19.68	0	20.5			
		50	25	19.79	19.83	19.82	0	20.5			
		50	50	19.74	19.69	19.72	0	20.5			
	100	0	19.70	19.85	19.77	0	20.5				
	16QAM	1	0	19.71	19.64	19.65	0	20.5			
		1	50	19.90	19.89	19.77	0	20.5			
		1	99	19.73	19.76	19.67	0	20.5			
		50	0	19.58	19.51	19.58	0	20.5			
		50	25	19.72	19.70	19.76	0	20.5			
		50	50	19.73	19.53	19.66	0	20.5			
	100	0	19.75	19.52	19.70	0	20.5				
	64QAM	1	0	19.55	19.58	19.54	0	20.5			
		1	50	19.80	19.76	19.77	0	20.5			
		1	99	19.71	19.71	19.47	0	20.5			
		50	0	19.59	19.65	19.77	0	20.5			
		50	25	19.65	19.72	19.62	0	20.5			
		50	50	19.69	19.65	19.74	0	20.5			
	100	0	19.59	19.53	19.68	0	20.5				
	BW [MHz]	Modulation	Channel	20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)			
			Frequency (MHz)	1717.5	1732.5	1747.5					
15	QPSK	1	0				0	20.5			
		1	37				0	20.5			
		1	74				0	20.5			
		36	0				0	20.5			
		36	19				0	20.5			
		36	39				0	20.5			
	75	0				0	20.5				
	16QAM	1	0				0	20.5			
		1	37				0	20.5			
		1	74				0	20.5			
		36	0				0	20.5			
		36	19				0	20.5			
		36	39				0	20.5			
	75	0				0	20.5				
	64QAM	1	0				0	20.5			
		1	37				0	20.5			
		1	74				0	20.5			
		36	0				0	20.5			
		36	19				0	20.5			
		36	39				0	20.5			
	75	0				0	20.5				
	BW [MHz]	Modulation	Channel	20090	20175	20300	3GPP MPR (dB)	Max. Tune-up (dBm)			
			Frequency (MHz)	1715	1732.5	1750					
10	QPSK	1	0				0	20.5			
		1	24				0	20.5			
		1	49				0	20.5			
		25	0				0	20.5			
		25	12				0	20.5			
		25	25				0	20.5			
	50	0				0	20.5				
	16QAM	1	0				0	20.5			
		1	24				0	20.5			
		1	49				0	20.5			
		25	0				0	20.5			
		25	12				0	20.5			
		25	25				0	20.5			
	50	0				0	20.5				
	64QAM	1	0				0	20.5			
		1	24				0	20.5			
		1	49				0	20.5			
		25	0				0	20.5			
		25	12				0	20.5			
		25	25				0	20.5			
	50	0				0	20.5				
	BW [MHz]	Modulation	Channel	19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)			
			Frequency (MHz)	1712.5	1732.5	1752.5					
5	QPSK	1	0				0	20.5			
		1	12				0	20.5			
		1	24				0	20.5			
		12	0				0	20.5			
		12	6				0	20.5			
		12	13				0	20.5			
	25	0				0	20.5				
	16QAM	1	0				0	20.5			
		1	12				0	20.5			
		1	24				0	20.5			
		12	0				0	20.5			
		12	6				0	20.5			
		12	13				0	20.5			
	25	0				0	20.5				
	64QAM	1	0				0	20.5			
		1	12				0	20.5			
		1	24				0	20.5			
		12	0				0	20.5			
		12	6				0	20.5			
		12	13				0	20.5			
	25	0				0	20.5				
	BW [MHz]	Modulation	Channel	19965	20175	20385	3GPP MPR (dB)	Max. Tune-up (dBm)			
			Frequency (MHz)	1711.5	1732.5	1753.5					
3	QPSK	1	0				0	20.5			
		1	7				0	20.5			
		1	14				0	20.5			
		8	0				0	20.5			
		8	3				0	20.5			
		8	7				0	20.5			
	15	0				0	20.5				
	16QAM	1	0				0	20.5			
		1	7				0	20.5			
		1	14				0	20.5			
		8	0				0	20.5			
		8	3				0	20.5			
		8	7				0	20.5			
	15	0				0	20.5				
	64QAM	1	0				0	20.5			
		1	7				0	20.5			
		1	14				0	20.5			
		8	0				0	20.5			
		8	3				0	20.5			
		8	7				0	20.5			
	15	0				0	20.5				
	BW [MHz]	Modulation	Channel	19957	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)			
			Frequency (MHz)	1710.7	1732.5	1754.3					
1.4	QPSK	1	0				0	20.5			
		1	2				0	20.5			
		1	5				0	20.5			
		3	0				0	20.5			
		3	1				0	20.5			
		3	3				0	20.5			
	6	0				0	20.5				
	16QAM	1	0				0	20.5			
		1	2				0	20.5			
		1	5				0	20.5			
		3	0				0	20.5			
		3	1				0	20.5			
		3	3				0	20.5			
	6	0				0	20.5				
	64QAM	1	0				0	20.5			
		1	2				0	20.5			
		1	5				0	20.5			
		3	0				0	20.5			
		3	1				0	20.5			
		3	3				0	20.5			
	6	0				0	20.5				
	BW [MHz]	Modulation	Channel	19967	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)			
			Frequency (MHz)	1710.7	1732.5	1754.3					

LTE Band 4_Ant1											
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)			
		Channel		20050	20175	20300					
		Frequency (MHz)		1720	1732.5	1745					
20	QPSK	1	0	22.69	22.56	22.51	0	23.5			
		1	50	22.81	22.90	22.79	0	23.5			
		1	99	22.65	22.72	22.71	0	23.5			
		50	0	22.59	22.60	22.48	0	23.5			
		50	25	22.75	22.79	22.68	0	23.5			
		50	50	22.49	22.56	22.44	0	23.5			
	100	0	22.53	22.71	22.57	0	23.5				
	16QAM	1	0	22.69	22.64	22.70	0	23.5			
		1	50	22.69	22.73	22.76	0	23.5			
		1	99	22.49	22.71	22.59	0	23.5			
		50	0	21.47	21.60	21.56	1	22.5			
		50	25	21.54	21.70	21.49	1	22.5			
		50	50	21.41	21.64	21.55	1	22.5			
	100	0	21.46	21.41	21.45	1	22.5				
	64QAM	1	0	21.62	21.57	21.56	1	22.5			
		1	50	21.64	21.76	21.61	1	22.5			
		1	99	21.48	21.64	21.50	1	22.5			
		50	0	20.58	20.46	20.44	2	21.5			
		50	25	20.55	20.68	20.66	2	21.5			
		50	50	20.59	20.55	20.46	2	21.5			
	100	0	20.35	20.55	20.42	2	21.5				
	BW [MHz]	Modulation	Channel	20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)			
			Frequency (MHz)	1717.5	1732.5	1747.5					
15	QPSK	1	0				0	23.5			
		1	37				0	23.5			
		1	74				0	23.5			
		36	0				0	23.5			
		36	19				0	23.5			
		36	39				0	23.5			
	75	0				0	23.5				
	16QAM	1	0				0	23.			

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LTE Band 5_Ant0								
BW [MHz]	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		
10	QPSK	1	0	24.86	24.83	24.77	0	25.5
		1	24	24.85	24.73	24.75	0	25.5
		1	49	24.79	24.68	24.63	0	25.5
		25	0	23.97	23.85	23.82	1	24.5
		25	12	23.92	23.79	23.80	1	24.5
		25	25	23.89	23.84	23.70	1	24.5
		50	0	24.11	24.08	23.74	1	24.5
	16QAM	1	0	24.02	23.97	23.92	1	24.5
		1	24	23.91	23.93	23.86	1	24.5
		1	49	23.87	23.86	23.70	1	24.5
		25	0	22.91	22.89	22.78	2	23.5
		25	12	22.97	22.88	22.83	2	23.5
		25	25	22.89	22.82	22.73	2	23.5
		50	0	22.90	23.03	22.75	2	23.5
	64QAM	1	0	23.16	23.06	23.00	2	23.5
		1	24	23.12	23.05	22.94	2	23.5
		1	49	23.03	23.02	22.87	2	23.5
		25	0	21.94	21.84	21.80	3	22.5
		25	12	22.00	21.91	21.86	3	22.5
		25	25	21.92	21.87	21.73	3	22.5
		50	0	21.95	21.86	21.77	3	22.5
BW [MHz]	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5	QPSK	1	0				0	25.5
		1	12				0	25.5
		1	24				0	25.5
		12	0				1	24.5
		12	6				1	24.5
		12	13				1	24.5
		25	0				1	24.5
	16QAM	1	0				1	24.5
		1	12				1	24.5
		1	24				1	24.5
		12	0				2	23.5
		12	6				2	23.5
		12	13				2	23.5
		25	0				2	23.5
	64QAM	1	0				2	23.5
		1	12				2	23.5
		1	24				2	23.5
		12	0				3	22.5
		12	6				3	22.5
		12	13				3	22.5
		25	0				3	22.5
BW [MHz]	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3	QPSK	1	0				0	25.5
		1	7				0	25.5
		1	14				0	25.5
		8	0				1	24.5
		8	3				1	24.5
		8	7				1	24.5
		15	0				1	24.5
	16QAM	1	0				1	24.5
		1	7				1	24.5
		1	14				1	24.5
		8	0				2	23.5
		8	3				2	23.5
		8	7				2	23.5
		15	0				2	23.5
	64QAM	1	0				2	23.5
		1	7				2	23.5
		1	14				2	23.5
		8	0				3	22.5
		8	3				3	22.5
		8	7				3	22.5
		15	0				3	22.5
BW [MHz]	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4	QPSK	1	0				0	25.5
		1	2				0	25.5
		1	5				0	25.5
		3	0				0	25.5
		3	1				0	25.5
		3	3				0	25.5
		6	0				1	24.5
	16QAM	1	0				1	24.5
		1	2				1	24.5
		1	5				1	24.5
		3	0				1	24.5
		3	1				1	24.5
		3	3				1	24.5
		6	0				2	23.5
	64QAM	1	0				2	23.5
		1	2				2	23.5
		1	5				2	23.5
		3	0				2	23.5
		3	1				2	23.5
		3	3				2	23.5
		6	0				3	22.5

LTE Band 5_Ant1								
BW [MHz]	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		
10	QPSK	1	0	24.82	24.79	24.73	0	25.5
		1	24	24.85	24.81	24.76	0	25.5
		1	49	24.77	24.71	24.60	0	25.5
		25	0	23.88	23.78	23.77	1	24.5
		25	12	23.92	23.87	23.81	1	24.5
		25	25	23.87	23.80	23.70	1	24.5
		50	0	23.90	23.81	23.76	1	24.5
	16QAM	1	0	23.83	23.86	23.80	1	24.5
		1	24	23.94	23.91	23.91	1	24.5
		1	49	23.93	23.84	23.64	1	24.5
		25	0	22.86	22.78	22.78	2	23.5
		25	12	22.94	22.88	22.83	2	23.5
		25	25	22.91	22.85	22.72	2	23.5
		50	0	22.89	22.79	22.75	2	23.5
	64QAM	1	0	23.08	22.95	22.97	2	23.5
		1	24	23.04	23.06	22.87	2	23.5
		1	49	23.05	22.97	22.84	2	23.5
		25	0	21.90	21.81	21.81	3	22.5
		25	12	21.96	21.91	21.84	3	22.5
		25	25	21.93	21.83	21.74	3	22.5
		50	0	21.91	21.84	21.77	3	22.5
BW [MHz]	Modulation	Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
5	QPSK	1	0				0	25.5
		1	12				0	25.5
		1	24				0	25.5
		12	0				1	24.5
		12	6				1	24.5
		12	13				1	24.5
		25	0				1	24.5
	16QAM	1	0				1	24.5
		1	12				1	24.5
		1	24				1	24.5
		12	0				2	23.5
		12	6				2	23.5
		12	13				2	23.5
		25	0				2	23.5
	64QAM	1	0				2	23.5
		1	12				2	23.5
		1	24				2	23.5
		12	0				3	22.5
		12	6				3	22.5
		12	13				3	22.5
		25	0				3	22.5
BW [MHz]	Modulation	Channel		20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		825.5	836.5	847.5		
3	QPSK	1	0				0	25.5
		1	7				0	25.5
		1	14				0	25.5
		8	0				1	24.5
		8	3				1	24.5
		8	7				1	24.5
		15	0				1	24.5
	16QAM	1	0				1	24.5
		1	7				1	24.5
		1	14				1	24.5
		8	0				2	23.5
		8	3				2	23.5
		8	7				2	23.5
		15	0				2	23.5
	64QAM	1	0				2	23.5
		1	7				2	23.5
		1	14				2	23.5
		8	0				3	22.5
		8	3				3	22.5
		8	7				3	22.5
		15	0				3	22.5
BW [MHz]	Modulation	Channel		20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)
		Frequency (MHz)		824.7	836.5	848.3		
1.4	QPSK	1	0				0	25.5
		1	2				0	25.5
		1	5				0	25.5
		3	0				0	25.5
		3	1				0	25.5
		3	3				0	25.5
		6	0				1	24.5
	16QAM	1	0				1	24.5
		1	2				1	24.5
		1	5				1	24.5
		3	0				1	24.5
		3	1				1	24.5
		3	3				1	24.5
		6	0				2	23.5
	64QAM	1	0				2	23.5
		1	2				2	23.5
		1	5				2	23.5
		3	0				2	23.5
		3	1				2	23.5
		3	3				2	23.5
		6	0				3	22.5

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LTE Band 12_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23060	23095	23130			
		Frequency (MHz)		704	707.5	711			
10	QPSK	1	0	24.84	24.82	24.76	0	25.5	
		1	24	24.89	24.84	24.79	0	25.5	
		1	49	24.70	24.58	24.66	0	25.5	
		25	0	23.83	23.78	23.73	1	24.5	
		25	12	23.89	23.80	23.85	1	24.5	
		25	25	23.79	23.65	23.69	1	24.5	
	50	0	23.82	23.70	23.76	1	24.5		
	16QAM	1	0	23.49	23.43	23.42	1	24.5	
		1	24	23.54	23.52	23.49	1	24.5	
		1	49	23.39	23.27	23.33	1	24.5	
		25	0	22.84	22.74	22.76	2	23.5	
		25	12	22.91	22.78	22.89	2	23.5	
		25	25	22.83	22.78	22.74	2	23.5	
	50	0	22.80	22.78	22.71	2	23.5		
	64QAM	1	0	23.19	23.10	23.08	2	23.5	
		1	24	23.01	22.92	22.98	2	23.5	
		1	49	23.05	23.04	22.90	2	23.5	
		25	0	21.86	21.72	21.85	3	22.5	
		25	12	21.89	21.85	21.74	3	22.5	
		25	25	21.76	21.71	21.73	3	22.5	
	50	0	21.83	21.69	21.75	3	22.5		
	5	QPSK	1	0	701.5	707.5	713.5	0	25.5
			1	12				0	25.5
			1	24				0	25.5
12			0				1	24.5	
12			6				1	24.5	
12			13				1	24.5	
25		0				1	24.5		
16QAM		1	0				1	24.5	
		1	12				1	24.5	
		1	24				1	24.5	
		12	0				2	23.5	
		12	6				2	23.5	
		12	13				2	23.5	
25		0				2	23.5		
64QAM		1	0				2	23.5	
		1	12				2	23.5	
		1	24				2	23.5	
		12	0				3	22.5	
		12	6				3	22.5	
		12	13				3	22.5	
25		0				3	22.5		
3		QPSK	1	0	700.5	707.5	714.5	0	25.5
			1	7				0	25.5
			1	14				0	25.5
	8		0				1	24.5	
	8		3				1	24.5	
	8		7				1	24.5	
	15	0				1	24.5		
	16QAM	1	0				1	24.5	
		1	7				1	24.5	
		1	14				1	24.5	
		8	0				2	23.5	
		8	3				2	23.5	
		8	7				2	23.5	
	15	0				2	23.5		
	64QAM	1	0				2	23.5	
		1	7				2	23.5	
		1	14				2	23.5	
		8	0				3	22.5	
		8	3				3	22.5	
		8	7				3	22.5	
	15	0				3	22.5		
	1.4	QPSK	1	0	699.7	707.5	715.3	0	25.5
			1	2				0	25.5
			1	5				0	25.5
3			0				0	25.5	
3			1				0	25.5	
3			3				0	25.5	
6		0				1	24.5		
16QAM		1	0				1	24.5	
		1	2				1	24.5	
		1	5				1	24.5	
		3	0				1	24.5	
		3	1				1	24.5	
		3	3				1	24.5	
6		0				2	23.5		
64QAM		1	0				2	23.5	
		1	2				2	23.5	
		1	5				2	23.5	
		3	0				2	23.5	
		3	1				2	23.5	
		3	3				2	23.5	
6		0				3	22.5		

LTE Band 12_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23060	23095	23130			
		Frequency (MHz)		704	707.5	711			
10	QPSK	1	0	24.95	24.93	24.91	0	25.5	
		1	24	24.96	24.98	24.92	0	25.5	
		1	49	24.76	24.84	24.79	0	25.5	
		25	0	23.93	24.01	23.95	1	24.5	
		25	12	23.90	23.99	23.94	1	24.5	
		25	25	23.62	23.74	23.69	1	24.5	
	50	0	23.86	23.96	23.87	1	24.5		
	16QAM	1	0	23.92	23.95	23.92	1	24.5	
		1	24	24.05	24.18	24.05	1	24.5	
		1	49	23.81	23.90	23.77	1	24.5	
		25	0	22.83	22.91	22.84	2	23.5	
		25	12	22.86	22.99	22.87	2	23.5	
		25	25	22.62	22.74	22.61	2	23.5	
	50	0	22.74	22.82	22.71	2	23.5		
	64QAM	1	0	22.86	22.96	22.93	2	23.5	
		1	24	23.01	23.07	23.06	2	23.5	
		1	49	22.87	22.90	22.80	2	23.5	
		25	0	21.90	21.91	21.77	3	22.5	
		25	12	21.85	21.99	21.96	3	22.5	
		25	25	21.72	21.83	21.81	3	22.5	
	50	0	21.71	21.84	21.77	3	22.5		
	5	QPSK	1	0	701.5	707.5	713.5	0	25.5
			1	12				0	25.5
			1	24				0	25.5
12			0				1	24.5	
12			6				1	24.5	
12			13				1	24.5	
25		0				1	24.5		
16QAM		1	0				1	24.5	
		1	12				1	24.5	
		1	24				1	24.5	
		12	0				2	23.5	
		12	6				2	23.5	
		12	13				2	23.5	
25		0				2	23.5		
64QAM		1	0				2	23.5	
		1	12				2	23.5	
		1	24				2	23.5	
		12	0				3	22.5	
		12	6				3	22.5	
		12	13				3	22.5	
25		0				3	22.5		
3		QPSK	1	0	700.5	707.5	714.5	0	25.5
			1	7				0	25.5
			1	14				0	25.5
	8		0				1	24.5	
	8		3				1	24.5	
	8		7				1	24.5	
	15	0				1	24.5		
	16QAM	1	0				1	24.5	
		1	7				1	24.5	
		1	14				1	24.5	
		8	0				2	23.5	
		8	3				2	23.5	
		8	7				2	23.5	
	15	0				2	23.5		
	64QAM	1	0				2	23.5	
		1	7				2	23.5	
		1	14				2	23.5	
		8	0				3	22.5	
		8	3				3	22.5	
		8	7				3	22.5	
	15	0				3	22.5		
	1.4	QPSK	1	0	699.7	707.5	715.3	0	25.5
			1	2				0	25.5
			1	5				0	25.5
3			0				0	25.5	
3			1				0	25.5	
3			3				0	25.5	
6		0				1	24.5		
16QAM		1	0				1	24.5	
		1	2				1	24.5	
		1	5				1	24.5	
		3	0				1	24.5	
		3	1				1	24.5	
		3	3				1	24.5	
6		0				2	23.5		
64QAM		1	0				2	23.5	
		1	2				2	23.5	
		1	5				2	23.5	
		3	0				2	23.5	
		3	1				2	23.5	
		3	3				2	23.5	
6		0				3	22.5		

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LTE Band 13_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23230					
		Frequency (MHz)		782					
10	QPSK	1	0		24.71		0	25.5	
		1	24		24.74		0	25.5	
		1	49		24.62		0	25.5	
		25	0		23.66		1	24.5	
		25	12		23.76		1	24.5	
		25	25		23.66		1	24.5	
		50	0		23.70		1	24.5	
		1	0		23.39		1	24.5	
		1	24		23.47		1	24.5	
		1	49		23.33		1	24.5	
	25	0		22.73		2	23.5		
	25	12		22.82		2	23.5		
	25	25		22.68		2	23.5		
	50	0		22.71		2	23.5		
	1	0		22.90		2	23.5		
	1	24		22.91		2	23.5		
	1	49		22.92		2	23.5		
	25	0		21.74		3	22.5		
	25	12		21.79		3	22.5		
	25	25		21.67		3	22.5		
	50	0		21.68		3	22.5		
	BW [MHz]	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)		779.5	782	784.5		
	5	QPSK	1	0				0	25.5
			1	12				0	25.5
1			24				0	25.5	
12			0				1	24.5	
12			6				1	24.5	
12			13				1	24.5	
25			0				1	24.5	
1			0				1	24.5	
1			12				1	24.5	
1			24				1	24.5	
12		0				2	23.5		
12		6				2	23.5		
12		13				2	23.5		
25		0				2	23.5		
1		0				2	23.5		
1		12				2	23.5		
1		24				2	23.5		
12		0				3	22.5		
12		6				3	22.5		
12		13				3	22.5		
25		0				3	22.5		

LTE Band 13_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23230					
		Frequency (MHz)		782					
10	QPSK	1	0		24.70		0	25.5	
		1	24		24.77		0	25.5	
		1	49		24.59		0	25.5	
		25	0		23.65		1	24.5	
		25	12		23.76		1	24.5	
		25	25		23.64		1	24.5	
		50	0		23.66		1	24.5	
		1	0		23.77		1	24.5	
		1	24		23.81		1	24.5	
		1	49		23.48		1	24.5	
	25	0		22.67		2	23.5		
	25	12		22.66		2	23.5		
	25	25		22.50		2	23.5		
	50	0		22.46		2	23.5		
	1	0		22.83		2	23.5		
	1	24		22.96		2	23.5		
	1	49		22.64		2	23.5		
	25	0		21.61		3	22.5		
	25	12		21.78		3	22.5		
	25	25		21.69		3	22.5		
	50	0		21.58		3	22.5		
	BW [MHz]	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)		779.5	782	784.5		
	5	QPSK	1	0				0	25.5
			1	12				0	25.5
1			24				0	25.5	
12			0				1	24.5	
12			6				1	24.5	
12			13				1	24.5	
25			0				1	24.5	
1			0				1	24.5	
1			12				1	24.5	
1			24				1	24.5	
12		0				2	23.5		
12		6				2	23.5		
12		13				2	23.5		
25		0				2	23.5		
1		0				2	23.5		
1		12				2	23.5		
1		24				2	23.5		
12		0				3	22.5		
12		6				3	22.5		
12		13				3	22.5		
25		0				3	22.5		

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LTE Band 17_Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10	QPSK	1	0	24.75	24.83	24.76	0	25.5
		1	24	24.79	24.88	24.80	0	25.5
		1	49	24.57	24.71	24.62	0	25.5
		25	0	23.70	23.81	23.70	1	24.5
		25	12	23.79	23.88	23.83	1	24.5
		25	25	23.66	23.76	23.72	1	24.5
		50	0	23.82	23.84	23.81	1	24.5
		1	0	23.95	23.98	23.91	1	24.5
		1	24	24.07	24.08	24.01	1	24.5
		1	49	23.71	23.81	23.76	1	24.5
	25	0	22.85	22.88	22.78	2	23.5	
	25	12	22.81	22.94	22.82	2	23.5	
	25	25	22.74	22.83	22.76	2	23.5	
	50	0	22.72	22.85	22.81	2	23.5	
	1	0	22.94	23.01	22.97	2	23.5	
	1	24	22.96	23.06	22.93	2	23.5	
	1	49	22.81	22.83	22.68	2	23.5	
	25	0	21.84	21.87	21.80	3	22.5	
	25	12	21.79	21.94	21.87	3	22.5	
	25	25	21.84	21.91	21.84	3	22.5	
	50	0	21.73	21.83	21.71	3	22.5	
	BW [MHz]	Modulation	Channel	23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)	706.5	710	713.5		
	5	QPSK	1	0			0	25.5
			1	12			0	25.5
1			24			0	25.5	
12			0			1	24.5	
12			6			1	24.5	
12			13			1	24.5	
25			0			1	24.5	
1		0			1	24.5		
1		12			1	24.5		
1		24			1	24.5		
12		0			2	23.5		
12		6			2	23.5		
12		13			2	23.5		
25		0			2	23.5		
1		0			2	23.5		
1		12			2	23.5		
1		24			2	23.5		
12		0			3	22.5		
12		6			3	22.5		
12		13			3	22.5		
25		0			3	22.5		

LTE Band 17_Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10	QPSK	1	0	24.84	24.92	24.85	0	25.5
		1	24	24.93	24.97	24.87	0	25.5
		1	49	24.69	24.83	24.82	0	25.5
		25	0	23.76	23.89	23.74	1	24.5
		25	12	23.92	24.01	23.92	1	24.5
		25	25	23.79	23.84	23.71	1	24.5
		50	0	23.90	23.91	23.76	1	24.5
		1	0	23.62	23.71	23.63	1	24.5
		1	24	24.07	24.19	24.12	1	24.5
		1	49	23.91	23.95	23.92	1	24.5
	25	0	22.98	23.02	22.92	2	23.5	
	25	12	22.91	23.05	22.90	2	23.5	
	25	25	22.81	22.87	22.79	2	23.5	
	50	0	22.84	22.87	22.81	2	23.5	
	1	0	22.99	23.04	22.92	2	23.5	
	1	24	23.17	23.21	23.12	2	23.5	
	1	49	22.86	22.97	22.96	2	23.5	
	25	0	21.94	22.04	22.00	3	22.5	
	25	12	21.95	21.96	21.82	3	22.5	
	25	25	21.83	21.97	21.91	3	22.5	
	50	0	21.82	21.91	21.79	3	22.5	
	BW [MHz]	Modulation	Channel	23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)	706.5	710	713.5		
	5	QPSK	1	0			0	25.5
			1	12			0	25.5
1			24			0	25.5	
12			0			1	24.5	
12			6			1	24.5	
12			13			1	24.5	
25			0			1	24.5	
1		0			1	24.5		
1		12			1	24.5		
1		24			1	24.5		
12		0			2	23.5		
12		6			2	23.5		
12		13			2	23.5		
25		0			2	23.5		
1		0			2	23.5		
1		12			2	23.5		
1		24			2	23.5		
12		0			3	22.5		
12		6			3	22.5		
12		13			3	22.5		
25		0			3	22.5		

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LTE Band 26_Ant0									
BW [MHz]	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			
15	QPSK	1	0	24.90	24.81	24.70	0	25.5	
		1	37	24.94	24.85	24.73	0	25.5	
		1	74	24.76	24.69	24.56	0	25.5	
		36	0	23.91	23.82	23.73	1	24.5	
		36	19	23.95	23.88	23.75	1	24.5	
		36	39	23.87	23.84	23.67	1	24.5	
		75	0	23.90	23.86	23.70	1	24.5	
		1	0	23.92	23.91	23.78	1	24.5	
		1	37	23.97	23.95	23.85	1	24.5	
	16QAM	1	74	23.91	23.90	23.88	1	24.5	
		36	0	22.91	22.83	22.69	2	23.5	
		36	19	22.98	22.84	22.77	2	23.5	
		36	39	22.89	22.71	22.66	2	23.5	
		75	0	22.88	22.85	22.71	2	23.5	
		1	0	22.86	22.80	22.88	2	23.5	
		1	37	22.98	22.94	22.78	2	23.5	
		1	74	22.90	22.88	22.77	2	23.5	
		36	0	21.93	21.85	21.76	3	22.5	
	64QAM	36	19	21.96	21.87	21.78	3	22.5	
		36	39	21.92	21.81	21.69	3	22.5	
		75	0	21.88	21.80	21.70	3	22.5	
		Channel		26740	26865	26990	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		819	831.5	844			
		10	QPSK	1	0				0
1				24				0	25.5
1				49				0	25.5
25				0				1	24.5
25	12						1	24.5	
25	25						1	24.5	
50	0						1	24.5	
1	0						1	24.5	
1	24						1	24.5	
16QAM	1		49				1	24.5	
	25		0				2	23.5	
	25		12				2	23.5	
	25		25				2	23.5	
	50		0				2	23.5	
	1		0				2	23.5	
	1		24				2	23.5	
	1		49				2	23.5	
	25		0				3	22.5	
64QAM	25		12				3	22.5	
	25		25				3	22.5	
	50		0				3	22.5	
	Channel		26715	26865	27015	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		816.5	831.5	846.5				
	5		QPSK	1	0				0
		1		12				0	25.5
		1		24				0	25.5
		12		0				1	24.5
12		6					1	24.5	
12		13					1	24.5	
25		0					1	24.5	
1		0					1	24.5	
1		12					1	24.5	
16QAM		1	24				1	24.5	
		12	0				2	23.5	
		12	6				2	23.5	
		12	13				2	23.5	
		25	0				2	23.5	
		1	0				2	23.5	
		1	12				2	23.5	
		1	24				2	23.5	
		12	0				3	22.5	
64QAM		12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		Channel		26705	26865	27025	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		815.5	831.5	847.5			
		3	QPSK	1	0				0
	1			7				0	25.5
	1			14				0	25.5
	8			0				1	24.5
8	3						1	24.5	
8	7						1	24.5	
15	0						1	24.5	
1	0						1	24.5	
1	7						1	24.5	
16QAM	1		14				1	24.5	
	8		0				2	23.5	
	8		3				2	23.5	
	8		7				2	23.5	
	15		0				2	23.5	
	1		0				2	23.5	
	1		7				2	23.5	
	1		14				2	23.5	
	8		0				3	22.5	
64QAM	8		3				3	22.5	
	8		7				3	22.5	
	15		0				3	22.5	
	Channel		26697	26865	27033	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		814.7	831.5	848.3				
	1.4		QPSK	1	0				0
		1		2				0	25.5
		1		5				0	25.5
		3		0				0	25.5
3		1					0	25.5	
3		3					0	25.5	
6		0					1	24.5	
1		0					1	24.5	
1		2					1	24.5	
16QAM		1	5				1	24.5	
		3	0				1	24.5	
		3	1				1	24.5	
		3	3				1	24.5	
		6	0				2	23.5	
		1	0				2	23.5	
		1	2				2	23.5	
		1	5				2	23.5	
		3	0				2	23.5	
64QAM		3	1				2	23.5	
		3	3				2	23.5	
		6	0				3	22.5	

LTE Band 26_Ant1									
BW [MHz]	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			
15	QPSK	1	0	24.72	24.63	24.56	0	25.5	
		1	37	24.70	24.61	24.50	0	25.5	
		1	74	24.59	24.53	24.40	0	25.5	
		36	0	23.68	23.61	23.55	1	24.5	
		36	19	23.73	23.64	23.57	1	24.5	
		36	39	23.66	23.60	23.48	1	24.5	
		75	0	23.66	23.62	23.54	1	24.5	
		1	0	23.94	23.85	23.84	1	24.5	
		1	37	23.99	23.90	23.79	1	24.5	
	16QAM	1	74	23.76	23.84	23.49	1	24.5	
		36	0	22.69	22.60	22.59	2	23.5	
		36	19	22.75	22.67	22.56	2	23.5	
		36	39	22.72	22.63	22.50	2	23.5	
		75	0	22.68	22.66	22.53	2	23.5	
		1	0	22.93	22.79	22.80	2	23.5	
		1	37	22.86	22.77	22.79	2	23.5	
		1	74	22.75	22.65	22.65	2	23.5	
		36	0	21.72	21.65	21.60	3	22.5	
	64QAM	36	19	21.78	21.68	21.62	3	22.5	
		36	39	21.73	21.67	21.52	3	22.5	
		75	0	21.70	21.64	21.54	3	22.5	
		Channel		26740	26865	26990	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		819	831.5	844			
		10	QPSK	1	0				0
1				24				0	25.5
1				49				0	25.5
25				0				1	24.5
25	12						1	24.5	
25	25						1	24.5	
50	0						1	24.5	
1	0						1	24.5	
1	24						1	24.5	
16QAM	1		49				1	24.5	
	25		0				2	23.5	
	25		12				2	23.5	
	25		25				2	23.5	
	50		0				2	23.5	
	1		0				2	23.5	
	1		24				2	23.5	
	1		49				2	23.5	
	25		0				3	22.5	
64QAM	25		12				3	22.5	
	25		25				3	22.5	
	50		0				3	22.5	
	Channel		26715	26865	27015	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		816.5	831.5	846.5				
	5		QPSK	1	0				0
		1		12				0	25.5
		1		24				0	25.5
		12		0				1	24.5
12		6					1	24.5	
12		13					1	24.5	
25		0					1	24.5	
1		0					1	24.5	
1		12					1	24.5	
16QAM		1	24				1	24.5	
		12	0				2	23.5	
		12	6				2	23.5	
		12	13				2	23.5	
		25	0				2	23.5	
		1	0				2	23.5	
		1	12				2	23.5	
		1	24				2	23.5	
		12	0				3	22.5	
64QAM		12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		Channel		26705	26865	27025	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		815.5	831.5	847.5			
		3	QPSK	1	0				0
	1			7				0	25.5
	1			14				0	25.5
	8			0				1	24.5
8	3						1	24.5	
8	7						1	24.5	
15	0						1	24.5	
1	0						1	24.5	
1	7						1	24.5	
16QAM	1		14				1	24.5	
	8		0				2	23.5	
	8		3				2	23.5	

DS1-3)

LTE Band 41_Ant0										
BW [MHz]	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)	2898	2549.5	2893	2836.5	2880			
20	QPSK	1	0	23.34	23.11	22.83	22.84	22.61	0	23.5
		1	50	23.43	23.16	22.97	22.95	22.64	0	23.5
		1	99	23.12	22.82	22.70	22.74	22.41	0	23.5
		50	0	23.01	22.72	22.65	22.48	22.40	0	23.5
		50	25	23.08	22.88	22.79	22.77	22.64	0	23.5
		50	50	23.02	22.67	22.62	22.54	22.39	0	23.5
		100	0	23.07	22.84	22.71	22.65	22.51	0	23.5
		1	0	23.02	22.89	22.53	22.53	22.34	0	23.5
		1	50	23.23	22.94	22.81	22.69	22.38	0	23.5
		1	99	22.84	22.60	22.52	22.58	22.20	0	23.5
	16QAM	50	0	22.51	22.31	22.07	22.15	21.83	0.5	23
		50	25	22.54	22.31	22.25	22.14	21.94	0.5	23
		50	50	22.43	22.11	22.12	22.05	21.68	0.5	23
		100	0	22.56	22.22	22.09	22.18	21.92	0.5	23
		1	0	22.28	22.23	22.10	22.03	21.97	0.5	23
		1	50	22.24	22.08	22.08	22.13	21.93	0.5	23
		1	99	22.06	21.97	21.99	21.88	22.08	0.5	23
		50	0	21.58	21.49	21.21	21.25	21.04	1.5	22
		50	50	21.64	21.47	21.27	21.27	20.97	1.5	22
		100	0	21.69	21.24	21.17	21.20	20.96	1.5	22
64QAM	100	0	21.48	21.40	21.10	21.23	20.85	1.5	22	
	1	0	39725	40172.5	40620	41067.5	41515	3GPP MPR (dB)	Max. Tune-up (dBm)	
	1	0	2893.5	2548.25	2893	2837.75	2882.5	0	23.5	
	1	37						0	23.5	
	1	74						0	23.5	
	36	0						0	23.5	
	36	19						0	23.5	
	36	39						0	23.5	
	75	0						0	23.5	
	1	0						0	23.5	
15	QPSK	1	37						0	23.5
		1	74						0	23.5
		36	0						0	23.5
		36	19						0	23.5
		36	39						0	23.5
	16QAM	1	0						0	23.5
		1	37						0	23.5
		1	74						0	23.5
		36	0						0.5	23
		36	19						0.5	23
64QAM	36	39						0.5	23	
	75	0						0.5	23	
	1	0						0.5	23	
	1	37						0.5	23	
	1	74						0.5	23	
10	QPSK	36	0						1.5	22
		36	19						1.5	22
		36	39						1.5	22
		75	0						1.5	22
		75	0						1.5	22
	16QAM	1	0						0.5	23
		1	24						0.5	23
		1	49						0.5	23
		25	0						0.5	23
		25	12						0.5	23
64QAM	25	25						0.5	23	
	50	0						0.5	23	
	1	0						0.5	23	
	1	24						0.5	23	
	1	49						0.5	23	
5	QPSK	25	0						1.5	22
		25	12						1.5	22
		25	25						1.5	22
		25	25						1.5	22
		50	0						1.5	22
	16QAM	1	0						0.5	23
		1	12						0.5	23
		1	24						0.5	23
		12	0						0.5	23
		12	6						0.5	23
64QAM	12	13						0.5	23	
	25	0						0.5	23	
	1	0						0.5	23	
	1	12						0.5	23	
	1	24						0.5	23	

LTE Band 41_Ant1										
BW [MHz]	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)	2898	2549.5	2893	2836.5	2880			
20	QPSK	1	0	22.69	22.99	22.41	22.44	22.25	0	23.5
		1	50	22.96	23.07	22.48	22.59	22.34	0	23.5
		1	99	22.60	22.61	22.32	22.34	22.12	0	23.5
		50	0	22.52	22.58	22.16	22.13	22.00	0	23.5
		50	25	22.58	22.72	22.38	22.27	22.25	0	23.5
		50	50	22.53	22.49	22.23	22.23	21.97	0	23.5
		100	0	22.64	22.69	22.28	22.25	22.20	0	23.5
		1	0	22.46	22.53	22.27	22.14	22.12	0	23.5
		1	50	22.72	22.65	22.20	22.29	22.24	0	23.5
		1	99	22.43	22.50	22.16	22.06	22.09	0	23.5
	16QAM	50	0	21.54	21.65	21.28	21.14	21.02	1	22.5
		50	25	21.56	21.70	21.26	21.27	20.96	1	22.5
		50	50	21.62	21.60	21.08	21.16	20.79	1	22.5
		100	0	21.47	21.65	21.28	21.28	20.93	1	22.5
		1	0	21.12	21.34	21.24	21.20	20.98	1	22.5
		1	50	21.33	21.41	21.29	21.29	20.96	1	22.5
		1	99	20.96	21.41	21.08	21.03	20.94	1	22.5
		50	0	20.55	20.78	20.40	20.43	20.12	2	21.5
		50	25	20.72	20.76	20.41	20.38	20.13	2	21.5
		100	0	20.48	20.77	20.22	20.21	19.99	2	21.5
15	QPSK	1	0	39725	40172.5	40620	41067.5	41515	3GPP MPR (dB)	Max. Tune-up (dBm)
		1	0	2893.5	2548.25	2893	2837.75	2882.5	0	23.5
		1	37						0	23.5
		1	74						0	23.5
		36	0						0	23.5
	16QAM	36	19						0	23.5
		36	39						0	23.5
		75	0						0	23.5
		1	0						0	23.5
		1	37						0	23.5
64QAM	1	74						0	23.5	
	36	0						0.5	23	
	36	19						0.5	23	
	36	39						0.5	23	
	75	0						0.5	23	
10	QPSK	1	0						0.5	23
		1	37						0.5	23
		1	74						0.5	23
		36	0						1.5	22
		36	19						1.5	22
	16QAM	36	39						1.5	22
		75	0						1.5	22
		1	0						0.5	23
		1	24						0.5	23
		1	49						0.5	23
64QAM	25	0						0.5	23	
	25	12						0.5	23	
	25	25						0.5	23	
	50	0						0.5	23	
	1	0						0.5	23	
5	QPSK	1	0						0.5	23
		1	12						0.5	23
		1	24						0.5	23
		12	0						0.5	23
		12	6						0.5	23
	16QAM	12	13						0.5	23
		25	0						0.5	23
		1	0						0.5	23
		1	12						0.5	23
		1	24						0.5	23
64QAM	12	0						0.5	23	
	12	6						0.5	23	
	12	13						0.5	23	
	25	0						0.5	23	
	1	0						0.5	23	

(DSI-3)

LTE Band 66_Ant0																
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)								
		Channel	Frequency (MHz)	132072	132322	132672										
		1720	1745	1770												
20	QPSK	1	0	19.90	19.87	19.78	0	20.5	1	0	23.49	23.40	0	24		
		1	50	20.15	20.09	20.02	0	20.5	1	50	23.74	23.67	0	24		
		1	99	19.99	19.92	19.90	0	20.5	1	99	23.50	23.41	0	24		
		50	0	19.79	19.82	19.74	0	20.5	50	0	23.02	22.99	0	23.5		
		50	25	20.06	19.99	19.97	0	20.5	50	25	23.21	23.14	0	23.5		
		50	50	20.00	19.93	19.84	0	20.5	50	50	23.18	22.93	0	23.5		
	100	0	19.90	19.75	19.60	0	20.5	100	0	23.18	23.09	0	23.5			
	16QAM	1	0	19.88	19.73	19.87	0	20.5	1	0	23.10	22.99	0	23.5		
		1	50	20.11	20.11	19.99	0	20.5	1	50	23.21	23.15	0	23.5		
		1	99	20.01	19.97	20.04	0	20.5	1	99	23.13	23.07	0	23.5		
		50	0	19.80	19.93	19.72	0	20.5	50	0	21.98	21.94	0	21.5		
		50	25	19.83	19.79	19.89	0	20.5	50	25	22.08	22.00	0	21.5		
		50	50	19.87	19.80	19.75	0	20.5	50	50	22.06	21.94	0	21.5		
	100	0	19.85	19.82	19.88	0	20.5	100	0	21.99	22.00	0	21.5			
	64QAM	1	0	19.92	19.82	19.87	0	20.5	1	0	22.03	21.86	0	21.5		
		1	50	19.94	19.84	19.86	0	20.5	1	50	22.18	22.13	0	21.5		
		1	99	19.98	19.04	19.80	0	20.5	1	99	22.07	22.06	0	21.5		
		50	0	19.78	19.82	19.84	0	20.5	50	0	20.97	21.09	0	21.5		
		50	25	20.00	19.91	19.94	0	20.5	50	25	21.01	21.08	0	21.5		
		50	50	19.93	19.91	19.94	0	20.5	50	50	21.13	20.95	0	21.5		
	100	0	19.90	19.85	19.82	0	20.5	100	0	21.04	21.02	0	21.5			
	15	QPSK	1	0				0	20.5	1	0				0	24
			1	37				0	20.5	1	37				0	24
			1	74				0	20.5	1	74				0	24
36			0				0	20.5	36	0				0.5	23.5	
36			19				0	20.5	36	19				0.5	23.5	
36			39				0	20.5	36	39				0.5	23.5	
75		0				0	20.5	75	0				0.5	23.5		
16QAM		1	0				0	20.5	1	0				0.5	23.5	
		1	37				0	20.5	1	37				0.5	23.5	
		1	74				0	20.5	1	74				0.5	23.5	
		36	0				0	20.5	36	0				1.5	22.5	
		36	19				0	20.5	36	19				1.5	22.5	
		36	39				0	20.5	36	39				1.5	22.5	
75		0				0	20.5	75	0				1.5	22.5		
64QAM		1	0				0	20.5	1	0				1.5	22.5	
		1	37				0	20.5	1	37				1.5	22.5	
		1	74				0	20.5	1	74				1.5	22.5	
		36	0				0	20.5	36	0				2.5	21.5	
		36	19				0	20.5	36	19				2.5	21.5	
		36	39				0	20.5	36	39				2.5	21.5	
75		0				0	20.5	75	0				2.5	21.5		
10		QPSK	1	0				0	20.5	1	0				0	24
			1	24				0	20.5	1	24				0	24
			1	49				0	20.5	1	49				0	24
	25		0				0	20.5	25	0				0.5	23.5	
	25		12				0	20.5	25	12				0.5	23.5	
	25		25				0	20.5	25	25				0.5	23.5	
	50	0				0	20.5	50	0				0.5	23.5		
	16QAM	1	0				0	20.5	1	0				0.5	23.5	
		1	24				0	20.5	1	24				0.5	23.5	
		1	49				0	20.5	1	49				0.5	23.5	
		25	0				0	20.5	25	0				1.5	22.5	
		25	12				0	20.5	25	12				1.5	22.5	
		25	25				0	20.5	25	25				1.5	22.5	
	50	0				0	20.5	50	0				1.5	22.5		
	64QAM	1	0				0	20.5	1	0				1.5	22.5	
		1	24				0	20.5	1	24				1.5	22.5	
		1	49				0	20.5	1	49				1.5	22.5	
		25	0				0	20.5	25	0				2.5	21.5	
		25	12				0	20.5	25	12				2.5	21.5	
		25	25				0	20.5	25	25				2.5	21.5	
	50	0				0	20.5	50	0				2.5	21.5		
	5	QPSK	1	0				0	20.5	1	0				0	24
			1	12				0	20.5	1	12				0	24
			1	24				0	20.5	1	24				0	24
12			0				0	20.5	12	0				0.5	23.5	
12			6				0	20.5	12	6				0.5	23.5	
12			13				0	20.5	12	13				0.5	23.5	
25		0				0	20.5	25	0				0.5	23.5		
16QAM		1	0				0	20.5	1	0				0.5	23.5	
		1	12				0	20.5	1	12				0.5	23.5	
		1	24				0	20.5	1	24				0.5	23.5	
		12	0				0	20.5	12	0				1.5	22.5	
		12	6				0	20.5	12	6				1.5	22.5	
		12	13				0	20.5	12	13				1.5	22.5	
25		0				0	20.5	25	0				1.5	22.5		
64QAM		1	0				0	20.5	1	0				1.5	22.5	
		1	12				0	20.5	1	12				1.5	22.5	
		1	24				0	20.5	1	24				1.5	22.5	
		12	0				0	20.5	12	0				2.5	21.5	
		12	6				0	20.5	12	6				2.5	21.5	
		12	13				0	20.5	12	13				2.5	21.5	
25		0				0	20.5	25	0				2.5	21.5		
3		QPSK	1	0				0	20.5	1	0				0	24
			1	7				0	20.5	1	7				0	24
			1	14				0	20.5	1	14				0	24
	8		0				0	20.5	8	0				0.5	23.5	
	8		3				0	20.5	8	3				0.5	23.5	
	8		7				0	20.5	8	7				0.5	23.5	
	15	0				0	20.5	15	0				0.5	23.5		
	16QAM	1	0				0	20.5	1	0				0.5	23.5	
		1	7				0	20.5	1	7				0.5	23.5	
		1	14				0	20.5	1	14				0.5	23.5	
		8	0				0	20.5	8	0				1.5	22.5	
		8	3				0	20.5	8	3				1.5	22.5	
		8	7				0	20.5	8	7				1.5	22.5	
	15	0				0	20.5	15	0				1.5	22.5		
	64QAM	1	0				0	20.5	1	0				1.5	22.5	
		1	7				0	20.5	1	7				1.5	22.5	
		1	14				0	20.5	1	14				1.5	22.5	
		8	0				0	20.5	8	0				2.5	21.5	
		8	3				0	20.5	8	3				2.5	21.5	
		8	7				0	20.5	8	7				2.5	21.5	
	15	0				0	20.5	15	0				2.5	21.5		
	1.4	QPSK	1	0				0	20.5	1	0				0	24
			1	2				0	20.5	1	2				0	24
			1	5				0	20.5	1	5				0	24
3			0				0	20.5	3	0				0	24	
3			1				0	20.5	3	1				0	24	
3			3				0	20.5	3	3				0	24	
6		0				0	20.5	6	0				0.5	23.5		
16QAM		1	0				0	20.5	1	0				0.5	23.5	
		1	2				0	20.5	1	2				0.5	23.5	
		1	5				0	20.5	1	5				0.5	23.5	
		3	0				0	20.5	3	0				0.5	23.5	
		3	1				0	20.5	3	1				0.5	23.5	
		3	3				0	20.5	3	3				0.5	23.5	
6		0				0	20.5	6	0				1.5	22.5		
64QAM		1	0				0	20.5	1	0				1.5	22.5	
		1	2				0	20.5	1	2				1.5	22.5	
		1	5				0	20.5	1	5				1.5	22.5	
		3	0				0	20.5	3	0				1.5	22.5	
		3	1				0	20.5	3	1				1.5	22.5	
		3	3				0	20.5	3	3				1.5	22.5	

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LTE Band 2_Ant0										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Channel		18700	18900	19100				
		Frequency (MHz)		1880	1880	1900				
20	QPSK	1	0	24.42	24.47	24.31	0	25		
		1	50	24.59	24.62	24.42	0	25		
		1	99	24.39	24.61	24.19	1	24		
		50	0	23.57	23.61	23.55	1	24		
		50	25	23.68	23.73	23.67	1	24		
		50	50	23.64	23.65	23.52	1	24		
		100	0	23.58	23.62	23.53	1	24		
		1	0	23.65	23.71	23.54	1	24		
		1	50	23.84	23.85	23.65	1	24		
		1	99	23.64	23.70	23.40	1	24		
		50	0	22.55	22.62	22.57	2	23		
		50	25	22.68	22.71	22.54	2	23		
	50	50	22.61	22.64	22.48	2	23			
	100	0	22.54	22.60	22.47	2	23			
	1	0	22.63	22.65	22.51	2	23			
	1	50	22.81	22.83	22.62	2	23			
	1	99	22.66	22.69	22.37	2	23			
	50	0	21.55	21.60	21.57	3	22			
	50	25	21.70	21.73	21.56	3	22			
	50	50	21.63	21.64	21.51	3	22			
	100	0	21.59	21.62	21.53	3	22			
	15	QPSK	1	0				0	25	
			1	37				0	25	
			1	74				0	25	
36			0				1	24		
36			19				1	24		
36			39				1	24		
75			0				1	24		
1			0				1	24		
1			37				1	24		
1			74				1	24		
36			0				2	23		
36			19				2	23		
36		39				2	23			
75		0				2	23			
1		0				2	23			
1		37				2	23			
1		74				2	23			
36		0				3	22			
36		19				3	22			
36		39				3	22			
75		0				3	22			
10		QPSK	1	0				0	25	
			1	24				0	25	
			1	49				0	25	
	25		0				1	24		
	25		12				1	24		
	25		25				1	24		
	50		0				1	24		
	1		0				1	24		
	1		24				1	24		
	1		49				1	24		
	25		0				2	23		
	25		12				2	23		
	25	25				2	23			
	50	0				2	23			
	1	0				2	23			
	1	24				2	23			
	1	49				2	23			
	25	0				3	22			
	25	12				3	22			
	25	25				3	22			
	50	0				3	22			
	5	QPSK	1	0				0	25	
			1	12				0	25	
			1	24				0	25	
12			0				1	24		
12			6				1	24		
12			13				1	24		
25			0				1	24		
1			0				1	24		
1			12				1	24		
1			24				1	24		
12			0				2	23		
12			6				2	23		
12		13				2	23			
25		0				2	23			
1		0				2	23			
1		12				2	23			
1		24				2	23			
12		0				3	22			
12		6				3	22			
12		13				3	22			
25		0				3	22			
3		QPSK	1	0				0	25	
			1	7				0	25	
			1	14				0	25	
	8		0				1	24		
	8		3				1	24		
	8		7				1	24		
	15		0				1	24		
	1		0				1	24		
	1		7				1	24		
	1		14				1	24		
	8		0				2	23		
	8		3				2	23		
	8	7				2	23			
	15	0				2	23			
	1	0				2	23			
	1	7				2	23			
	1	14				2	23			
	8	0				3	22			
	8	3				3	22			
	8	7				3	22			
	15	0				3	22			
	1.4	QPSK	1	0				0	25	
			1	2				0	25	
			1	5				0	25	
3			0				0	25		
3			1				0	25		
3			3				0	25		
6			0				1	24		
1			0				1	24		
1			2				1	24		
1			5				1	24		
3			0				1	24		
3			1				1	24		
3		3				1	24			
6		0				2	23			
1		0				2	23			
1		2				2	23			
1		5				2	23			
3		0				2	23			
3		1				2	23			
3		3				2	23			
6		0				3	22			
1.4		QPSK	1	0				0	25	
			1	2				0	25	
			1	5				0	25	
	3		0				0	25		
	3		1				0	25		
	3		3				0	25		
	6		0				1	24		
	1		0				1	24		
	1		2				1	24		
	1		5				1	24		
	3		0				1	24		
	3		1				1	24		
	3	3				1	24			
	6	0				2	23			
	1	0				2	23			
	1	2				2	23			
	1	5				2	23			
	3	0				2	23			
	3	1				2	23			
	3	3				2	23			
	6	0				3	22			

LTE Band 2_Ant1										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)		
		Channel		18700	18900	19100				
		Frequency (MHz)		1880	1880	1900				
20	QPSK	1	0	23.25	23.18	23.29	0	24		
		1	50	23.42	23.48	23.40	0	24		
		1	99	23.20	23.43	23.24	0	24		
		50	0	22.71	22.69	22.55	0.5	23.5		
		50	25	22.68	22.71	22.58	0.5	23.5		
		50	50	22.73	22.76	22.69	0.5	23.5		
		100	0	22.66	22.67	22.56	0.5	23.5		
		1	0	22.99	22.83	22.74	0.5	23.5		
		1	50	22.99	22.83	22.93	0.5	23.5		
		1	99	23.02	23.02	22.91	0.5	23.5		
		50	0	21.76	21.55	21.63	1.5	22.5		
		50	25	21.85	21.84	21.83	1.5	22.5		
	50	50	21.70	21.66	21.66	1.5	22.5			
	100	0	21.84	21.70	21.59	1.5	22.5			
	1	0	21.86	21.73	21.77	1.5	22.5			
	1	50	22.06	21.90	21.75	1.5	22.5			
	1	99	21.73	21.80	21.81	1.5	22.5			
	50	0	20.73	20.77	20.78	2.5	21.5			
	50	25	20.77	20.82	20.86	2.5	21.5			
	50	50	20.88	20.57	20.61	2.5	21.5			
	100	0	20.79	20.62	20.69	2.5	21.5			
	15	QPSK	1	0				0	24	
			1	37				0	24	
			1	74				0	24	
36			0				0.5	23.5		
36			19				0.5	23.5		
36			39				0.5	23.5		
75			0				0.5	23.5		
1			0				0.5	23.5		
1			37				0.5	23.5		
1			74				0.5	23.5		
36			0				1.5	22.5		
36			19				1.5	22.5		
36		39				1.5	22.5			
75		0				1.5	22.5			
1		0				1.5	22.5			
1		37				1.5	22.5			
1		74				1.5	22.5			
36		0				2.5	21.5			
36		19				2.5	21.5			
36		39				2.5				

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LTE Band 4_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		20050	20175	20300			
		Frequency (MHz)		1720	1732.5	1745			
20	QPSK	1	0	24.15	24.16	24.09	0	25	
		1	50	24.34	24.35	24.29	0	25	
		1	99	24.17	24.21	24.14	0	25	
		50	0	23.24	23.35	23.34	1	24	
		50	25	23.44	23.46	23.38	1	24	
		50	50	23.42	23.32	23.35	1	24	
	100	0	23.32	23.33	23.30	1	24		
	16QAM	1	0	23.30	23.27	23.18	1	24	
		1	50	23.56	23.44	23.46	1	24	
		1	99	23.39	23.37	23.42	1	24	
		50	0	22.22	22.30	22.32	2	23	
		50	25	22.39	22.40	22.36	2	23	
		50	50	22.39	22.27	22.31	2	23	
	100	0	22.31	22.28	22.30	2	23		
	64QAM	1	0	22.34	22.30	22.21	2	23	
		1	50	22.48	22.47	22.43	2	23	
		1	99	22.28	22.38	22.24	2	23	
		50	0	21.22	21.34	21.31	3	22	
		50	25	21.38	21.41	21.36	3	22	
		50	50	21.38	21.29	21.31	3	22	
	100	0	21.30	21.31	21.29	3	22		
	BW [MHz]	Modulation	Channel	20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1717.5	1732.5	1747.5			
			1	0			0	25	
15	QPSK	1	37				0	25	
		1	74				0	25	
		36	0				1	24	
		36	19				1	24	
		36	39				1	24	
		75	0				1	24	
	16QAM	1	37				1	24	
		1	74				1	24	
		36	0				2	23	
		36	19				2	23	
		36	39				2	23	
		75	0				2	23	
	64QAM	1	37				2	23	
		1	74				2	23	
		36	0				3	22	
		36	19				3	22	
		36	39				3	22	
		75	0				3	22	
	BW [MHz]	Modulation	Channel	20090	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1715	1732.5	1750			
			1	0			0	25	
	10	QPSK	1	24				0	25
			1	49				0	25
			25	0				1	24
25			12				1	24	
25			25				1	24	
50			0				1	24	
16QAM		1	24				1	24	
		1	49				1	24	
		25	0				2	23	
		25	12				2	23	
		25	25				2	23	
		50	0				2	23	
64QAM		1	24				2	23	
		1	49				2	23	
		25	0				3	22	
		25	12				3	22	
		25	25				3	22	
		50	0				3	22	
BW [MHz]		Modulation	Channel	19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1712.5	1732.5	1752.5			
			1	0			0	25	
5		QPSK	1	12				0	25
			1	24				0	25
			12	0				1	24
	12		6				1	24	
	12		13				1	24	
	25		0				1	24	
	16QAM	1	12				1	24	
		1	24				1	24	
		12	0				2	23	
		12	6				2	23	
		12	13				2	23	
		25	0				2	23	
	64QAM	1	12				2	23	
		1	24				2	23	
		12	0				3	22	
		12	6				3	22	
		12	13				3	22	
		25	0				3	22	
	BW [MHz]	Modulation	Channel	19965	20175	20385	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1711.5	1732.5	1753.5			
			1	0			0	25	
	3	QPSK	1	7				0	25
			1	14				0	25
			8	0				1	24
8			3				1	24	
8			7				1	24	
15			0				1	24	
16QAM		1	7				1	24	
		1	14				1	24	
		8	0				2	23	
		8	3				2	23	
		8	7				2	23	
		15	0				2	23	
64QAM		1	7				2	23	
		1	14				2	23	
		8	0				3	22	
		8	3				3	22	
		8	7				3	22	
		15	0				3	22	
BW [MHz]		Modulation	Channel	19957	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1710.7	1732.5	1754.3			
			1	0			0	25	
1.4		QPSK	1	2				0	25
			1	5				0	25
			3	0				0	25
	3		1				0	25	
	3		3				0	25	
	6		0				1	24	
	16QAM	1	2				1	24	
		1	5				1	24	
		3	0				1	24	
		3	1				1	24	
		3	3				1	24	
		6	0				2	23	
	64QAM	1	2				2	23	
		1	5				2	23	
		3	0				2	23	
		3	1				2	23	
		3	3				2	23	
		6	0				3	22	

LTE Band 4_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		20050	20175	20300			
		Frequency (MHz)		1720	1732.5	1745			
20	QPSK	1	0	23.65	23.61	23.55	0	24.5	
		1	50	23.79	23.84	23.76	0	24.5	
		1	99	23.65	23.65	23.64	0	24.5	
		50	0	22.67	22.74	22.71	1	23.5	
		50	25	22.85	22.87	22.76	1	23.5	
		50	50	22.63	22.72	22.65	1	23.5	
	100	0	22.59	22.71	22.62	1	23.5		
	16QAM	1	0	22.77	22.91	22.82	1	23.5	
		1	50	22.85	22.93	22.95	1	23.5	
		1	99	22.66	22.81	22.69	1	23.5	
		50	0	21.55	21.67	21.63	2	22.5	
		50	25	21.69	21.84	21.69	2	22.5	
		50	50	21.62	21.67	21.66	2	22.5	
	100	0	21.62	21.68	21.64	2	22.5		
	64QAM	1	0	21.79	21.80	21.74	2	22.5	
		1	50	21.90	21.92	21.79	2	22.5	
		1	99	21.77	21.82	21.75	2	22.5	
		50	0	20.68	20.73	20.68	3	21.5	
		50	25	20.73	20.86	20.77	3	21.5	
		50	50	20.67	20.74	20.68	3	21.5	
	100	0	20.59	20.72	20.58	3	21.5		
	BW [MHz]	Modulation	Channel	20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1717.5	1732.5	1747.5			
			1	0			0	24.5	
15	QPSK	1	37				0	24.5	
		1	74				0	24.5	
		36	0				1	23.5	
		36	19				1	23.5	
		36	39				1	23.5	
		75	0				1	23.5	
	16QAM	1	37				1	23.5	
		1	74				1	23.5	
		36	0				2	22.5	
		36	19				2	22.5	
		36	39				2	22.5	
		75	0				2	22.5	
	64QAM	1	37				2	22.5	
		1	74				2	22.5	
		36	0				3	21.5	
		36	19				3	21.5	
		36	39				3	21.5	
		75	0				3	21.5	
	BW [MHz]	Modulation	Channel	20090	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1715	1732.5	1750			
			1	0			0	24.5	
	10	QPSK	1	24				0	24.5
			1	49				0	24.5
			25	0				1	23.5
25			12				1	23.5	
25			25				1	23.5	
50			0				1	23.5	
16QAM		1	24				1	23.5	
		1	49				1	23.5	
		25	0				2	22.5	
		25	12				2	22.5	
		25	25				2	22.5	
		50	0				2	22.5	
64QAM		1	24				2	22.5	
		1	49				2	22.5	
		25	0				3	21.5	
		25	12				3	21.5	
		25	25				3	21.5	
		50	0				3	21.5	
BW [MHz]		Modulation	Channel	19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1712.5	1732.5	1752.5			
			1	0			0	24.5	
5		QPSK	1	12				0	24.5
			1	24					

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LTE Band 5_Ant0									
BW [MHz]	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			
10	QPSK	1	0	24.86	24.83	24.77	0	25.5	
		1	24	24.85	24.73	24.75	0	25.5	
		1	49	24.79	24.68	24.63	0	25.5	
		25	0	23.97	23.85	23.82	1	24.5	
		25	12	23.92	23.79	23.80	1	24.5	
		25	25	23.89	23.84	23.70	1	24.5	
		50	0	24.11	24.08	23.74	1	24.5	
		1	0	24.02	23.97	23.92	1	24.5	
		1	24	23.91	23.93	23.86	1	24.5	
		1	49	23.87	23.86	23.70	1	24.5	
	16QAM	25	0	22.91	22.89	22.78	2	23.5	
		25	12	22.97	22.88	22.83	2	23.5	
		25	25	22.89	22.82	22.73	2	23.5	
		50	0	22.90	23.03	22.75	2	23.5	
		1	0	23.16	23.06	23.00	2	23.5	
		1	24	23.12	23.05	22.94	2	23.5	
		1	49	23.03	23.02	22.87	2	23.5	
		25	0	21.94	21.84	21.80	3	22.5	
		25	12	22.00	21.91	21.86	3	22.5	
		25	25	21.92	21.87	21.73	3	22.5	
	64QAM	50	0	21.95	21.86	21.77	3	22.5	
		Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		826.5	836.5	846.5			
		5	QPSK	1	0				0
1				12				0	25.5
1				24				0	25.5
12	0						1	24.5	
12	6						1	24.5	
12	13						1	24.5	
16QAM	25		0				1	24.5	
	1		0				1	24.5	
	1		12				1	24.5	
	1		24				1	24.5	
	12		0				2	23.5	
	12		6				2	23.5	
64QAM	12		13				2	23.5	
	25		0				2	23.5	
	1		0				2	23.5	
	1		12				2	23.5	
	1		24				2	23.5	
	12		0				3	22.5	
3	QPSK	12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		1	0				3	22.5	
		1	12				3	22.5	
		1	24				3	22.5	
1.4	QPSK	12	13				3	22.5	
		25	0				3	22.5	
		1	0				0	25.5	
		1	7				0	25.5	
		1	14				0	25.5	
		8	0				1	24.5	
	16QAM	8	3				1	24.5	
		8	7				1	24.5	
		15	0				1	24.5	
		1	0				1	24.5	
		1	7				1	24.5	
		1	14				1	24.5	
	64QAM	8	0				2	23.5	
		8	3				2	23.5	
		8	7				2	23.5	
		15	0				2	23.5	
		1	0				2	23.5	
		1	7				2	23.5	
3	QPSK	1	14				2	23.5	
		8	0				2	23.5	
		8	3				2	23.5	
		8	7				2	23.5	
		15	0				2	23.5	
		1	0				2	23.5	
1.4	16QAM	1	7				2	23.5	
		1	14				2	23.5	
		8	0				3	22.5	
		8	3				3	22.5	
		8	7				3	22.5	
		15	0				3	22.5	
1.4	QPSK	1	0				3	22.5	
		1	7				3	22.5	
		1	14				3	22.5	
		8	0				3	22.5	
		8	3				3	22.5	
		8	7				3	22.5	
	16QAM	15	0				3	22.5	
		1	0				0	25.5	
		1	2				0	25.5	
		1	5				0	25.5	
		3	0				0	25.5	
		3	1				0	25.5	
	1.4	QPSK	3	3				0	25.5
			6	0				1	24.5
			1	0				1	24.5
			1	2				1	24.5
			1	5				1	24.5
			3	0				1	24.5
1.4	16QAM	3	1				1	24.5	
		3	3				1	24.5	
		6	0				2	23.5	
		1	0				2	23.5	
		1	2				2	23.5	
		1	5				2	23.5	
1.4	QPSK	3	0				2	23.5	
		3	1				2	23.5	
		3	3				2	23.5	
		6	0				2	23.5	
		1	0				2	23.5	
		1	2				2	23.5	
1.4	16QAM	1	5				2	23.5	
		3	0				2	23.5	
		3	1				2	23.5	
		3	3				2	23.5	
		6	0				2	23.5	
		1	0				2	23.5	
1.4	QPSK	1	2				2	23.5	
		1	5				2	23.5	
		3	0				2	23.5	
		3	1				2	23.5	
		3	3				2	23.5	
		6	0				3	22.5	

LTE Band 5_Ant1									
BW [MHz]	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			
10	QPSK	1	0	24.82	24.79	24.73	0	25.5	
		1	24	24.85	24.81	24.76	0	25.5	
		1	49	24.77	24.71	24.60	0	25.5	
		25	0	23.88	23.78	23.77	1	24.5	
		25	12	23.92	23.87	23.81	1	24.5	
		25	25	23.87	23.80	23.70	1	24.5	
		50	0	23.90	23.81	23.76	1	24.5	
		1	0	23.83	23.86	23.80	1	24.5	
		1	24	23.94	23.91	23.91	1	24.5	
		1	49	23.93	23.84	23.64	1	24.5	
	16QAM	25	0	22.86	22.78	22.78	2	23.5	
		25	12	22.94	22.88	22.83	2	23.5	
		25	25	22.91	22.85	22.72	2	23.5	
		50	0	22.89	22.79	22.75	2	23.5	
		1	0	23.08	22.95	22.97	2	23.5	
		1	24	23.04	23.06	22.87	2	23.5	
		1	49	23.05	22.97	22.84	2	23.5	
		25	0	21.90	21.81	21.81	3	22.5	
		25	12	21.96	21.91	21.84	3	22.5	
		25	25	21.93	21.83	21.74	3	22.5	
	64QAM	50	0	21.91	21.84	21.77	3	22.5	
		Channel		20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		826.5	836.5	846.5			
		5	QPSK	1	0				0
1				12				0	25.5
1				24				0	25.5
12	0						1	24.5	
12	6						1	24.5	
12	13						1	24.5	
16QAM	25		0				1	24.5	
	1		0				1	24.5	
	1		12				1	24.5	
	1		24				1	24.5	
	12		0				2	23.5	
	12		6				2	23.5	
64QAM	12		13				2	23.5	
	25		0				2	23.5	
	1		0				2	23.5	
	1		12				2	23.5	
	1		24				2	23.5	
	12		0				3	22.5	
3	QPSK	12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		1	0				3	22.5	
		1	12				3	22.5	
		1	24				3	22.5	
1.4	QPSK	12	0				3	22.5	
		12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		1	0				0	25.5	
		1	7				0	25.5	
	1.4	16QAM	1	14				0	25.5
			8	0				1	24.5
			8	3				1	24.5
			8	7				1	24.5
			15	0				1	24.5
			1	0				1	24.5
	1.4	QPSK	1	7				1	24.5
			1	14				1	24.5
			8	0				2	23.5
			8	3				2	23.5
			8	7				2	23.5
			15	0				2	23.5
1.4	16QAM	1	0				2	23.5	
		1	7				2	23.5	
		1	14				2	23.5	
		8	0				3	22.5	
		8	3				3	22.5	
		8	7				3	22.5	
1.4	QPSK	15	0				3	22.5	
		1	0				0	25.5	
		1	2				0	25.5	
		1	5						

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LTE Band 7_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		20850	21100	21350			
		Frequency (MHz)		2510	2535	2560			
20	QPSK	1	0	24.05	24.00	23.80	0	25	
		1	50	24.10	24.03	23.86	0	25	
		1	99	23.86	23.77	23.57	0	25	
		50	0	23.14	23.02	23.00	1	24	
		50	25	23.22	23.16	23.05	1	24	
		50	50	23.11	23.10	22.77	1	24	
		100	0	23.13	23.03	22.87	1	24	
		1	0	23.25	23.16	23.01	1	24	
		1	50	23.37	23.24	23.04	1	24	
		1	99	23.05	23.02	23.78	1	24	
	16QAM	50	0	22.14	22.04	21.96	2	23	
		50	25	22.17	22.37	21.74	2	23	
		50	50	22.07	22.39	21.79	2	23	
		100	0	22.08	22.41	21.83	2	23	
		1	0	22.15	22.55	22.04	2	23	
		1	50	22.32	22.60	22.06	2	23	
		1	99	22.01	22.27	21.76	2	23	
		50	0	21.21	21.53	21.02	3	22	
		50	25	21.28	21.66	21.00	3	22	
		50	50	21.60	21.55	20.81	3	22	
	64QAM	100	0	21.18	21.57	20.92	3	22	
		Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2507.5	2535	2562.5			
		1	0						0
15		QPSK	1	37				0	25
			1	74				0	25
			36	0				1	24
			36	19				1	24
			36	39				1	24
			75	0				1	24
	16QAM		1	0				1	24
			1	37				1	24
			1	74				1	24
			36	0				2	23
		36	19				2	23	
		36	39				2	23	
		75	0				2	23	
		64QAM	1	0				2	23
			1	37				2	23
			1	74				2	23
	36		0				3	22	
	36		19				3	22	
	36		39				3	22	
	75		0				3	22	
	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		2505	2535	2565				
	1		0						0
	10	QPSK	1	24				0	25
1			49				0	25	
25			0				1	24	
25			12				1	24	
25			25				1	24	
50			0				1	24	
16QAM			1	0				1	24
			1	24				1	24
			1	49				1	24
			25	0				2	23
		25	12				2	23	
		25	25				2	23	
		50	0				2	23	
		64QAM	1	0				2	23
			1	24				2	23
			1	49				2	23
25			0				3	22	
25			12				3	22	
25			25				3	22	
50			0				3	22	
Channel			20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)		
Frequency (MHz)			2502.5	2535	2567.5				
1			0						0
5		QPSK	1	12				0	25
	1		24				0	25	
	12		0				1	24	
	12		6				1	24	
	12		13				1	24	
	25		0				1	24	
	16QAM		1	0				1	24
			1	12				1	24
			1	24				1	24
			12	0				2	23
		12	6				2	23	
		12	13				2	23	
		25	0				2	23	
		64QAM	1	0				2	23
			1	12				2	23
			1	24				2	23
	12		0				3	22	
	12		6				3	22	
	12		13				3	22	
	25		0				3	22	

LTE Band 7_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		20850	21100	21350			
		Frequency (MHz)		2510	2535	2560			
20	QPSK	1	0	23.60	23.68	23.21	0	24.5	
		1	50	23.75	23.81	23.38	0	24.5	
		1	99	23.47	23.46	22.67	0	24.5	
		50	0	22.75	22.70	22.13	1	23.5	
		50	25	22.77	22.88	22.19	1	23.5	
		50	50	22.69	22.75	21.92	1	23.5	
		100	0	22.59	22.76	22.12	1	23.5	
		1	0	22.73	22.78	22.30	1	23.5	
		1	50	22.76	22.91	22.38	1	23.5	
		1	99	22.49	22.75	21.91	1	23.5	
	16QAM	50	0	21.50	21.67	21.37	2	22.5	
		50	25	21.67	21.83	21.24	2	22.5	
		50	50	21.61	21.76	21.16	2	22.5	
		100	0	21.63	21.66	21.39	2	22.5	
		1	0	21.78	21.78	21.75	2	22.5	
		1	50	21.85	21.92	21.68	2	22.5	
		1	99	21.60	21.68	21.38	2	22.5	
		50	0	20.78	20.73	20.69	3	21.5	
		50	25	20.80	20.86	20.63	3	21.5	
		50	50	20.72	20.77	20.39	3	21.5	
	64QAM	100	0	20.74	20.73	20.58	3	21.5	
		Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2507.5	2535	2562.5			
		1	0						0
15		QPSK	1	37				0	24.5
			1	74				0	24.5
			36	0				1	23.5
			36	19				1	23.5
			36	39				1	23.5
			75	0				1	23.5
	16QAM		1	0				1	23.5
			1	37				1	23.5
			1	74				1	23.5
			36	0				2	22.5
		36	19				2	22.5	
		36	39				2	22.5	
		75	0				2	22.5	
		64QAM	1	0				2	22.5
			1	37				2	22.5
			1	74				2	22.5
	36		0				3	21.5	
	36		19				3	21.5	
	36		39				3	21.5	
	75		0				3	21.5	
	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		2505	2535	2565				
	1		0						0
	10	QPSK	1	24				0	24.5
1			49				0	24.5	
25			0				1	23.5	
25			12				1	23.5	
25			25				1	23.5	
50			0				1	23.5	
16QAM			1	0				1	23.5
			1	24				1	23.5
			1	49				1	23.5
			25	0				2	22.5
		25	12				2	22.5	
		25	25				2	22.5	
		50	0				2	22.5	
		64QAM	1	0				2	22.5
			1	24				2	22.5
			1	49				2	22.5
25			0				3	21.5	
25			12				3	21.5	
25			25				3	21.5	
50			0				3	21.5	
Channel			20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)		
Frequency (MHz)			2502.5	2535	2567.5				
1			0						0
5		QPSK	1	12				0	24.5
	1		24				0	24.5	
	12		0				1	23.5	
	12		6				1	23.5	
	12		13				1	23.5	
	25		0				1	23.5	
	16QAM		1	0				1	23.5
			1	12				1	23.5
			1	24				1	23.5
			12	0				2	22.5
		12	6				2	22.5	
		12	13				2	22.5	
		25	0				2	22.5	
		64QAM	1	0				2	22.5
			1	12				2	22.5
			1	24				2	22.5
	12		0				3	21.5	
	12		6				3	21.5	
	12		13				3	21.5	
	25		0				3	21.5	

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LTE Band 12_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23060	23095	23130			
		Frequency (MHz)		704	707.5	711			
10	QPSK	1	0	24.84	24.82	24.76	0	25.5	
		1	24	24.89	24.84	24.79	0	25.5	
		1	49	24.70	24.58	24.66	0	25.5	
		25	0	23.83	23.78	23.73	1	24.5	
		25	12	23.89	23.80	23.85	1	24.5	
		25	25	23.79	23.65	23.69	1	24.5	
	16QAM	50	0	23.82	23.70	23.76	1	24.5	
		1	0	23.49	23.43	23.42	1	24.5	
		1	24	23.54	23.52	23.49	1	24.5	
		1	49	23.39	23.27	23.33	1	24.5	
		25	0	22.84	22.74	22.76	2	23.5	
		25	12	22.91	22.78	22.89	2	23.5	
	64QAM	25	25	22.83	22.78	22.74	2	23.5	
		50	0	22.80	22.78	22.71	2	23.5	
		1	0	23.19	23.10	23.08	2	23.5	
		1	24	23.01	22.92	22.98	2	23.5	
		1	49	23.05	23.04	22.90	2	23.5	
		25	0	21.86	21.72	21.85	3	22.5	
	5	QPSK	1	0	23.19	23.10	23.08	2	23.5
			1	24	23.01	22.92	22.98	2	23.5
			1	49	23.05	23.04	22.90	2	23.5
			25	0	21.86	21.72	21.85	3	22.5
			25	12	21.89	21.85	21.74	3	22.5
			25	25	21.76	21.71	21.73	3	22.5
16QAM	50	0	21.83	21.69	21.75	3	22.5		
	1	0	23.05	23.05	23.15	3	22.5		
	1	12				2	23.5		
	1	24				2	23.5		
	12	0				2	23.5		
	12	6				2	23.5		
64QAM	12	13				3	22.5		
	25	0				3	22.5		
	1	0				2	23.5		
	1	12				2	23.5		
	1	24				2	23.5		
	12	0				3	22.5		
3	QPSK	12	6				3	22.5	
		12	13				3	22.5	
		25	0				3	22.5	
		1	0				2	23.5	
		1	12				2	23.5	
		1	24				2	23.5	
16QAM	12	0				2	23.5		
	12	6				2	23.5		
	12	13				2	23.5		
	25	0				2	23.5		
	1	0				2	23.5		
	1	12				2	23.5		
64QAM	1	24				2	23.5		
	12	0				3	22.5		
	12	6				3	22.5		
	12	13				3	22.5		
	25	0				3	22.5		
	15	0				3	22.5		
1.4	QPSK	1	0				0	25.5	
		1	2				0	25.5	
		1	5				0	25.5	
		3	0				0	25.5	
		3	1				0	25.5	
		3	3				0	25.5	
16QAM	6	0				1	24.5		
	1	0				1	24.5		
	1	2				1	24.5		
	1	5				1	24.5		
	3	0				1	24.5		
	3	1				1	24.5		
64QAM	3	3				1	24.5		
	6	0				2	23.5		
	1	0				2	23.5		
	1	2				2	23.5		
	1	5				2	23.5		
	3	0				2	23.5		
1.4	QPSK	3	1				2	23.5	
		3	3				2	23.5	
		6	0				2	23.5	
		1	0				2	23.5	
		1	2				2	23.5	
		1	5				2	23.5	
16QAM	3	0				2	23.5		
	3	1				2	23.5		
	3	3				2	23.5		
	6	0				2	23.5		
	1	0				2	23.5		
	1	2				2	23.5		
64QAM	1	5				2	23.5		
	3	0				2	23.5		
	3	1				2	23.5		
	3	3				2	23.5		
	6	0				2	23.5		
	3	0				2	23.5		
1.4	QPSK	3	1				2	23.5	
		3	3				2	23.5	
		6	0				2	23.5	
		1	0				2	23.5	
		1	2				2	23.5	
		1	5				2	23.5	
16QAM	3	0				2	23.5		
	3	1				2	23.5		
	3	3				2	23.5		
	6	0				2	23.5		
	1	0				2	23.5		
	1	2				2	23.5		
64QAM	1	5				2	23.5		
	3	0				2	23.5		
	3	1				2	23.5		
	3	3				2	23.5		
	6	0				2	23.5		
	3	0				3	22.5		

LTE Band 12_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23060	23095	23130			
		Frequency (MHz)		704	707.5	711			
10	QPSK	1	0	24.95	24.93	24.91	0	25.5	
		1	24	24.96	24.98	24.92	0	25.5	
		1	49	24.76	24.84	24.79	0	25.5	
		25	0	23.93	24.01	23.95	1	24.5	
		25	12	23.90	23.99	23.94	1	24.5	
		25	25	23.62	23.74	23.69	1	24.5	
	16QAM	50	0	23.86	23.96	23.87	1	24.5	
		1	0	23.92	23.95	23.92	1	24.5	
		1	24	24.05	24.18	24.05	1	24.5	
		1	49	23.81	23.90	23.77	1	24.5	
		25	0	22.83	22.91	22.84	2	23.5	
		25	12	22.86	22.99	22.87	2	23.5	
	64QAM	25	25	22.62	22.74	22.61	2	23.5	
		50	0	22.74	22.82	22.71	2	23.5	
		1	0	22.86	22.96	22.93	2	23.5	
		1	24	23.01	23.07	23.06	2	23.5	
		1	49	22.87	22.90	22.80	2	23.5	
		25	0	21.90	21.91	21.77	3	22.5	
	5	QPSK	25	12	21.85	21.99	21.96	3	22.5
			25	25	21.72	21.83	21.81	3	22.5
			50	0	21.71	21.84	21.77	3	22.5
			1	0				1	24.5
			1	12				1	24.5
			1	24				1	24.5
16QAM	12	0				2	23.5		
	12	6				2	23.5		
	12	13				2	23.5		
	25	0				2	23.5		
	1	0				2	23.5		
	1	12				2	23.5		
64QAM	1	24				2	23.5		
	12	0				3	22.5		
	12	6				3	22.5		
	12	13				3	22.5		
	25	0				3	22.5		
	15	0				3	22.5		
3	QPSK	1	0				0	25.5	
		1	7				0	25.5	
		1	14				0	25.5	
		8	0				1	24.5	
		8	3				1	24.5	
		8	7				1	24.5	
16QAM	15	0				1	24.5		
	1	0				1	24.5		
	1	7				1	24.5		
	1	14				1	24.5		
	8	0				2	23.5		
	8	3				2	23.5		
64QAM	8	7				2	23.5		
	15	0				2	23.5		
	1	0				2	23.5		
	1	7				2	23.5		
	1	14				2	23.5		
	8	0				3	22.5		
1.4	QPSK	8	3				3	22.5	
		8	7				3	22.5	
		15	0				3	22.5	
		1	0				3	22.5	
		1	7				3	22.5	
		1	14				3	22.5	
16QAM	8	0				3	22.5		
	8	3				3	22.5		
	8	7				3	22.5		
	15	0				3	22.5		
	1	0				3	22.5		
	1	7				3	22.5		
64QAM	1	14				3	22.5		
	8	0				3	22.5		
	8	3				3	22.5		
	8	7				3	22.5		
	15	0				3	22.5		
	15	0				3	22.5		

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LTE Band 13_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23230					
		Frequency (MHz)		782					
10	QPSK	1	0		24.71		0	25.5	
		1	24		24.74		0	25.5	
		1	49		24.62		0	25.5	
		25	0		23.66		1	24.5	
		25	12		23.76		1	24.5	
		25	25		23.66		1	24.5	
		50	0		23.70		1	24.5	
		1	0		23.39		1	24.5	
		1	24		23.47		1	24.5	
		1	49		23.33		1	24.5	
	25	0		22.73		2	23.5		
	25	12		22.82		2	23.5		
	25	25		22.68		2	23.5		
	50	0		22.71		2	23.5		
	1	0		22.90		2	23.5		
	1	24		22.91		2	23.5		
	1	49		22.92		2	23.5		
	25	0		21.74		3	22.5		
	25	12		21.79		3	22.5		
	25	25		21.67		3	22.5		
	50	0		21.68		3	22.5		
	BW [MHz]	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)		779.5	782	784.5		
	5	QPSK	1	0				0	25.5
			1	12				0	25.5
1			24				0	25.5	
12			0				1	24.5	
12			6				1	24.5	
12			13				1	24.5	
25		0				1	24.5		
1		0				1	24.5		
1		12				1	24.5		
1		24				1	24.5		
12		0				2	23.5		
12		6				2	23.5		
12		13				2	23.5		
25		0				2	23.5		
1		0				2	23.5		
1		12				2	23.5		
1		24				2	23.5		
12		0				3	22.5		
12	6				3	22.5			
12	13				3	22.5			
25	0				3	22.5			

LTE Band 13_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23230					
		Frequency (MHz)		782					
10	QPSK	1	0		24.70		0	25.5	
		1	24		24.77		0	25.5	
		1	49		24.59		0	25.5	
		25	0		23.65		1	24.5	
		25	12		23.76		1	24.5	
		25	25		23.64		1	24.5	
		50	0		23.66		1	24.5	
		1	0		23.77		1	24.5	
		1	24		23.81		1	24.5	
		1	49		23.48		1	24.5	
	25	0		22.67		2	23.5		
	25	12		22.66		2	23.5		
	25	25		22.50		2	23.5		
	50	0		22.46		2	23.5		
	1	0		22.83		2	23.5		
	1	24		22.96		2	23.5		
	1	49		22.64		2	23.5		
	25	0		21.61		3	22.5		
	25	12		21.78		3	22.5		
	25	25		21.69		3	22.5		
	50	0		21.58		3	22.5		
	BW [MHz]	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)		779.5	782	784.5		
	5	QPSK	1	0				0	25.5
			1	12				0	25.5
1			24				0	25.5	
12			0				1	24.5	
12			6				1	24.5	
12			13				1	24.5	
25		0				1	24.5		
1		0				1	24.5		
1		12				1	24.5		
1		24				1	24.5		
12		0				2	23.5		
12		6				2	23.5		
12		13				2	23.5		
25		0				2	23.5		
1		0				2	23.5		
1		12				2	23.5		
1		24				2	23.5		
12		0				3	22.5		
12	6				3	22.5			
12	13				3	22.5			
25	0				3	22.5			

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LTE Band 17_Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10	QPSK	1	0	24.75	24.83	24.76	0	25.5
		1	24	24.79	24.88	24.80	0	25.5
		1	49	24.57	24.71	24.62	0	25.5
		25	0	23.70	23.81	23.70	1	24.5
		25	12	23.79	23.88	23.83	1	24.5
		25	25	23.66	23.76	23.72	1	24.5
		50	0	23.82	23.84	23.81	1	24.5
		1	0	23.95	23.98	23.91	1	24.5
		1	24	24.07	24.08	24.01	1	24.5
		1	49	23.71	23.81	23.76	1	24.5
	25	0	22.85	22.88	22.78	2	23.5	
	25	12	22.81	22.94	22.82	2	23.5	
	25	25	22.74	22.83	22.76	2	23.5	
	50	0	22.72	22.85	22.81	2	23.5	
	1	0	22.94	23.01	22.97	2	23.5	
	1	24	22.96	23.06	22.93	2	23.5	
	1	49	22.81	22.83	22.68	2	23.5	
	25	0	21.84	21.87	21.80	3	22.5	
	25	12	21.79	21.94	21.87	3	22.5	
	25	25	21.84	21.91	21.84	3	22.5	
	50	0	21.73	21.83	21.71	3	22.5	
	BW [MHz]	Modulation	Channel	23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)	706.5	710	713.5		
	5	QPSK	1	0			0	25.5
1			12			0	25.5	
1			24			0	25.5	
12			0			1	24.5	
12			6			1	24.5	
12			13			1	24.5	
25			0			1	24.5	
1			0			1	24.5	
1			12			1	24.5	
1			24			1	24.5	
12		0			2	23.5		
12		6			2	23.5		
12		13			2	23.5		
25		0			2	23.5		
1		0			2	23.5		
1		12			2	23.5		
1		24			2	23.5		
12		0			3	22.5		
12		6			3	22.5		
12		13			3	22.5		
25		0			3	22.5		

LTE Band 17_Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10	QPSK	1	0	24.84	24.92	24.85	0	25.5
		1	24	24.93	24.97	24.87	0	25.5
		1	49	24.69	24.83	24.82	0	25.5
		25	0	23.76	23.89	23.74	1	24.5
		25	12	23.92	24.01	23.92	1	24.5
		25	25	23.79	23.84	23.71	1	24.5
		50	0	23.90	23.91	23.76	1	24.5
		1	0	23.62	23.71	23.63	1	24.5
		1	24	24.07	24.19	24.12	1	24.5
		1	49	23.91	23.95	23.92	1	24.5
	25	0	22.98	23.02	22.92	2	23.5	
	25	12	22.91	23.05	22.90	2	23.5	
	25	25	22.81	22.87	22.79	2	23.5	
	50	0	22.84	22.87	22.81	2	23.5	
	1	0	22.99	23.04	22.92	2	23.5	
	1	24	23.17	23.21	23.12	2	23.5	
	1	49	22.86	22.97	22.96	2	23.5	
	25	0	21.94	22.04	22.00	3	22.5	
	25	12	21.95	21.96	21.82	3	22.5	
	25	25	21.83	21.97	21.91	3	22.5	
	50	0	21.82	21.91	21.79	3	22.5	
	BW [MHz]	Modulation	Channel	23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)	706.5	710	713.5		
	5	QPSK	1	0			0	25.5
1			12			0	25.5	
1			24			0	25.5	
12			0			1	24.5	
12			6			1	24.5	
12			13			1	24.5	
25			0			1	24.5	
1			0			1	24.5	
1			12			1	24.5	
1			24			1	24.5	
12		0			2	23.5		
12		6			2	23.5		
12		13			2	23.5		
25		0			2	23.5		
1		0			2	23.5		
1		12			2	23.5		
1		24			2	23.5		
12		0			3	22.5		
12		6			3	22.5		
12		13			3	22.5		
25		0			3	22.5		

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LTE Band 26_Ant0										
BW [MHz]	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				
15	QPSK	16QAM	1	0	24.90	24.81	24.70	0	25.5	
			1	37	24.94	24.85	24.73	0	25.5	
			1	74	24.76	24.69	24.56	0	25.5	
			36	0	23.91	23.82	23.73	1	24.5	
			36	19	23.95	23.88	23.75	1	24.5	
			36	39	23.87	23.84	23.67	1	24.5	
			75	0	23.90	23.86	23.70	1	24.5	
			1	0	23.92	23.91	23.78	1	24.5	
			1	37	23.97	23.95	23.85	1	24.5	
			1	74	23.91	23.90	23.88	1	24.5	
			36	0	22.91	22.83	22.69	2	23.5	
			36	19	22.98	22.84	22.77	2	23.5	
	36	39	22.89	22.71	22.66	2	23.5			
	75	0	22.88	22.85	22.71	2	23.5			
	1	0	22.86	22.80	22.88	2	23.5			
	1	37	22.98	22.94	22.78	2	23.5			
	1	74	22.90	22.88	22.77	2	23.5			
	36	0	21.93	21.85	21.76	3	22.5			
	36	19	21.96	21.87	21.78	3	22.5			
	36	39	21.92	21.81	21.69	3	22.5			
	75	0	21.88	21.80	21.70	3	22.5			
	10	QPSK	16QAM	1	0	26740	26865	26990	0	25.5
				1	24	819	831.5	844	0	25.5
				1	49				0	25.5
25				0				1	24.5	
25				12				1	24.5	
25				25				1	24.5	
50				0				1	24.5	
1				0				1	24.5	
1				24				1	24.5	
1				49				1	24.5	
25				0				2	23.5	
25				12				2	23.5	
25		25				2	23.5			
50		0				2	23.5			
1		0				2	23.5			
1		24				2	23.5			
1		49				2	23.5			
25		0				3	22.5			
25		12				3	22.5			
25		25				3	22.5			
50		0				3	22.5			
5		QPSK	16QAM	1	0	26715	26865	27015	0	25.5
				1	12	816.5	831.5	846.5	0	25.5
				1	24				0	25.5
	12			0				1	24.5	
	12			6				1	24.5	
	12			13				1	24.5	
	25			0				1	24.5	
	1			0				1	24.5	
	1			12				1	24.5	
	1			24				1	24.5	
	12			0				2	23.5	
	12			6				2	23.5	
	12	13				2	23.5			
	25	0				2	23.5			
	1	0				2	23.5			
	1	12				2	23.5			
	1	24				2	23.5			
	12	0				3	22.5			
	12	6				3	22.5			
	12	13				3	22.5			
	25	0				3	22.5			
	3	QPSK	16QAM	1	0	26705	26865	27025	0	25.5
				1	7	815.5	831.5	847.5	0	25.5
				1	14				0	25.5
8				0				1	24.5	
8				3				1	24.5	
8				7				1	24.5	
15				0				1	24.5	
1				0				1	24.5	
1				7				1	24.5	
1				14				1	24.5	
8				0				2	23.5	
8				3				2	23.5	
8		7				2	23.5			
15		0				2	23.5			
1		0				2	23.5			
1		7				2	23.5			
1		14				2	23.5			
8		0				3	22.5			
8		3				3	22.5			
8		7				3	22.5			
15		0				3	22.5			
1.4		QPSK	16QAM	1	0	26697	26865	27033	0	25.5
				1	2	814.7	831.5	848.3	0	25.5
				1	5				0	25.5
	3			0				0	25.5	
	3			1				0	25.5	
	3			3				0	25.5	
	6			0				1	24.5	
	1			0				1	24.5	
	1			2				1	24.5	
	1			5				1	24.5	
	3			0				1	24.5	
	3			1				1	24.5	
	3	3				1	24.5			
	6	0				2	23.5			
	1	0				2	23.5			
	1	2				2	23.5			
	1	5				2	23.5			
	3	0				2	23.5			
	3	1				2	23.5			
	3	3				2	23.5			
	6	0				3	22.5			

LTE Band 26_Ant1										
BW [MHz]	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				
15	QPSK	16QAM	1	0	24.72	24.63	24.56	0	25.5	
			1	37	24.70	24.61	24.50	0	25.5	
			1	74	24.59	24.53	24.40	0	25.5	
			36	0	23.68	23.61	23.55	1	24.5	
			36	19	23.73	23.64	23.57	1	24.5	
			36	39	23.66	23.60	23.48	1	24.5	
			75	0	23.66	23.62	23.54	1	24.5	
			1	0	23.94	23.85	23.84	1	24.5	
			1	37	23.99	23.90	23.79	1	24.5	
			1	74	23.76	23.84	23.49	1	24.5	
			36	0	22.69	22.60	22.59	2	23.5	
			36	19	22.75	22.67	22.56	2	23.5	
	36	39	22.72	22.63	22.50	2	23.5			
	75	0	22.68	22.66	22.53	2	23.5			
	1	0	22.93	22.79	22.80	2	23.5			
	1	37	22.86	22.77	22.79	2	23.5			
	1	74	22.75	22.65	22.65	2	23.5			
	36	0	21.72	21.65	21.60	3	22.5			
	36	19	21.78	21.68	21.62	3	22.5			
	36	39	21.73	21.67	21.52	3	22.5			
	75	0	21.70	21.64	21.54	3	22.5			
	10	QPSK	16QAM	1	0	26740	26865	26990	0	25.5
				1	24	819	831.5	844	0	25.5
				1	49				0	25.5
25				0				1	24.5	
25				12				1	24.5	
25				25				1	24.5	
50				0				1	24.5	
1				0				1	24.5	
1				24				1	24.5	
1				49				1	24.5	
25				0				2	23.5	
25				12				2	23.5	
25		25				2	23.5			
50		0				2	23.5			
1		0				2	23.5			
1		24				2	23.5			
1		49				2	23.5			
25		0				3	22.5			
25		12				3	22.5			
25		25				3	22.5			
50		0				3	22.5			
5		QPSK	16QAM	1	0	26715	26865	27015	0	25.5
				1	12	816.5	831.5	846.5	0	25.5
				1	24				0	25.5
	12			0				1	24.5	
	12			6				1	24.5	
	12			13				1	24.5	
	25			0				1	24.5	
	1			0				1	24.5	
	1			12				1	24.5	
	1			24				1	24.5	
	12			0				2	23.5	
	12			6				2	23.5	
	12	13				2	23.5			
	25	0				2	23.5			
	1	0				2	23.5			
	1	12				2	23.5			
	1	24				2	23.5			
	12	0				3	22.5			
	12	6				3	22.5			
	12	13				3	22.5			
	25	0				3	22.5			
	3	QPSK	16QAM	1	0	26705	26865	27025	0	25.5
				1	7	815.5	831.5	847.5	0	25.5
				1	14				0	25.5
8				0				1	24.5	
8				3				1	24.5	
8				7				1	24.5	
15				0				1	24.5	
1				0				1	24.5	
1				7				1	24.5	
1				14				1	24.5	
8				0				2	23.5	
8				3				2	23.5	
8		7				2	23.5			
15		0				2	23.5			
1		0				2	23.5			
1		7				2	23.5			
1		14				2	23.5			
8		0				3	22.5			
8		3				3	22.5			
8		7				3	22.5			
15		0				3	22.5			
1.4		QPSK	16QAM	1	0	26697	26865	27033	0	25.5
				1	2	814.7	831.5	848.3	0	25.5
				1	5				0	25.5
	3			0				0	25.5	
	3			1				0	25.5	
	3			3				0	25.5	
	6			0				1	24.5	
	1			0				1	24.5	
	1			2				1	24.5	
	1			5				1	24.5	
	3			0				1	24.5	
	3			1				1	24.5	
	3	3				1	24.5			
	6	0				2	23.5			
	1	0				2	23.5			
	1	2				2	23.5			
	1	5				2	23.5			
	3	0				2	23.5			
	3	1				2	23.5			
	3	3				2	23.5			
	6	0				3	22.5			

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LTE Band 41_Ant0										
BW [MHz]	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)	2898	2549.5	2893	2836.5	2880			
20	QPSK	1	0	24.78	24.52	24.33	24.29	24.09	0	25
		1	50	24.88	24.57	24.45	24.43	24.16	0	25
		1	99	24.61	24.24	24.20	24.22	23.87	0	25
		50	0	23.68	23.38	23.27	23.20	23.05	1	24
		50	25	23.74	23.49	23.33	23.30	23.06	1	24
		50	50	23.68	23.32	23.24	23.21	22.85	1	24
		100	0	23.76	23.45	23.36	23.32	23.05	1	24
		1	0	23.73	23.52	23.31	23.24	23.04	1	24
		1	50	23.87	23.56	23.42	23.41	23.13	1	24
		1	99	23.60	23.29	23.19	23.15	22.87	1	24
	16QAM	50	0	22.69	22.43	22.28	22.26	22.08	2	23
		50	25	22.76	22.50	22.35	22.33	22.07	2	23
		50	50	22.69	22.37	22.24	22.22	21.88	2	23
		100	0	22.71	22.42	22.29	22.28	22.01	2	23
		1	0	22.41	22.45	22.25	22.23	22.01	2	23
		1	50	22.52	22.19	22.36	22.31	22.07	2	23
		1	99	22.24	22.21	22.14	22.12	22.31	2	23
		50	0	21.76	21.55	21.39	21.36	21.12	3	22
		50	25	21.84	21.60	21.46	21.42	21.13	3	22
		50	50	21.77	21.46	21.34	21.30	21.21	3	22
64QAM	100	0	21.75	21.50	21.36	21.33	21.05	3	22	
	1	0	39725	40172.5	40620	41067.5	41515	3GPP MPR (dB)	Max. Tune-up (dBm)	
	1	0	2893.5	2548.25	2893	2837.75	2882.5	0	25	
	1	37						0	25	
	1	74						1	24	
	36	0						1	24	
	36	19						1	24	
	36	39						1	24	
	75	0						1	24	
	1	0						1	24	
15	QPSK	1	37						1	24
		1	74						1	24
		36	0						1	24
		36	19						1	24
		36	39						1	24
	16QAM	75	0						1	24
		1	0						1	24
		1	37						1	24
		1	74						1	24
		36	0						2	23
64QAM	36	19						2	23	
	36	39						2	23	
	75	0						2	23	
	1	0						2	23	
	1	37						2	23	
10	QPSK	1	74						2	23
		1	147						2	23
		36	0						3	22
		36	19						3	22
		36	39						3	22
	16QAM	75	0						3	22
		1	0						3	22
		1	37						3	22
		1	74						3	22
		36	0						3	22
64QAM	36	19						3	22	
	36	39						3	22	
	75	0						3	22	
	1	0						3	22	
	1	37						3	22	
5	QPSK	1	0	39675	40147.5	40620	41092.5	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		1	0	2488.5	2545.75	2893	2840.25	2887.5	0	25
		1	12						0	25
		1	24						0	25
		12	0						1	24
	16QAM	12	6						1	24
		12	13						1	24
		25	0						1	24
		1	0						1	24
		1	12						1	24
64QAM	1	24						1	24	
	12	0						2	23	
	12	6						2	23	
	12	13						2	23	
	25	0						2	23	
5	QPSK	1	0	39675	40147.5	40620	41092.5	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		1	0	2488.5	2545.75	2893	2840.25	2887.5	0	25
		1	12						0	25
		1	24						0	25
		12	0						1	24
	16QAM	12	6						1	24
		12	13						1	24
		25	0						1	24
		1	0						1	24
		1	12						1	24
64QAM	1	24						1	24	
	12	0						2	23	
	12	6						2	23	
	12	13						2	23	
	25	0						2	23	

LTE Band 41_Ant1										
BW [MHz]	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)	2898	2549.5	2893	2836.5	2880			
20	QPSK	1	0	23.70	23.90	23.41	23.42	23.16	0	24.5
		1	50	23.87	23.98	23.52	23.53	23.22	0	24.5
		1	99	23.65	23.66	23.26	23.25	22.87	0	24.5
		50	0	22.65	22.79	22.34	22.31	22.11	1	23.5
		50	25	22.77	22.86	22.44	22.40	22.17	1	23.5
		50	50	22.69	22.68	22.35	22.29	21.94	1	23.5
		100	0	22.76	22.85	22.45	22.38	22.10	1	23.5
		1	0	22.67	22.59	22.43	22.41	22.18	1	23.5
		1	50	22.86	22.94	22.49	22.50	22.27	1	23.5
		1	99	22.65	22.62	22.27	22.25	21.93	1	23.5
	16QAM	50	0	21.67	21.81	21.37	21.35	21.16	2	22.5
		50	25	21.70	21.86	21.43	21.42	21.20	2	22.5
		50	50	21.67	21.73	21.31	21.35	21.00	2	22.5
		100	0	21.71	21.80	21.41	21.39	21.10	2	22.5
		1	0	21.33	21.55	21.42	21.34	21.17	2	22.5
		1	50	21.50	21.58	21.45	21.46	21.18	2	22.5
		1	99	21.22	21.58	21.26	21.18	21.13	2	22.5
		50	0	20.68	20.91	20.48	20.49	20.35	3	21.5
		50	25	20.88	20.98	20.57	20.54	20.32	3	21.5
		50	50	20.77	20.84	20.37	20.44	20.07	3	21.5
64QAM	100	0	20.72	20.86	20.40	20.45	20.16	3	21.5	
	1	0	39725	40172.5	40620	41067.5	41515	3GPP MPR (dB)	Max. Tune-up (dBm)	
	1	0	2893.5	2548.25	2893	2837.75	2882.5	0	24.5	
	1	37						0	24.5	
	1	74						0	24.5	
	36	0						1	23.5	
	36	19						1	23.5	
	36	39						1	23.5	
	75	0						1	23.5	
	1	0						1	23.5	
15	QPSK	1	37						1	23.5
		1	74						1	23.5
		36	0						1	23.5
		36	19						2	22.5
		36	39						2	22.5
	16QAM	75	0						2	22.5
		1	0						2	22.5
		1	37						2	22.5
		1	74						2	22.5
		36	0						3	21.5
64QAM	36	19						3	21.5	
	36	39						3	21.5	
	75	0						3	21.5	
	1	0						3	21.5	
	1	37						3	21.5	
10	QPSK	1	74						2	22.5
		1	147						2	22.5
		36	0						3	21.5
		36	19						3	21.5
		36	39						3	21.5
	16QAM	75	0						3	21.5
		1	0						3	21.5
		1	37						3	21.5
		1	74						3	21.5
		36	0						3	21.5
64QAM	36	19						3	21.5	
	36	39						3	21.5	
	75	0						3	21.5	
	1	0						3	21.5	
	1	37						3	21.5	
5	QPSK	1	0	39675	40147.5	40620	41092.5	41565	3GPP MPR (dB)	Max. Tune-up (dBm)
		1	0	2488.5	2545.75	2893	2840.25	2887.5	0	24.5
		1	12							

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LTE Band 66_Ant0										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	Channel	
		Frequency (MHz)			132072	132322				132572
		1720	1745	1770						
20	QPSK	1	0	24.37	24.30	24.27	0	25		
		1	50	24.57	24.50	24.46	0	25		
		1	99	24.42	24.38	24.31	0	25		
		50	0	23.44	23.54	23.41	1	24		
		50	25	23.65	23.60	23.53	1	24		
		50	50	23.63	23.55	23.44	1	24		
	100	0	23.52	23.49	23.40	1	24			
	16QAM	1	0	23.60	23.47	23.50	1	24		
		1	50	23.72	23.76	23.71	1	24		
		1	99	23.63	23.65	23.58	1	24		
		50	0	22.41	22.50	22.42	2	23		
		50	25	22.58	22.47	22.52	2	23		
		50	50	22.60	22.56	22.48	2	23		
	100	0	22.50	22.51	22.49	2	23			
	64QAM	1	0	22.56	22.46	22.47	2	23		
		1	50	22.52	22.54	22.55	2	23		
		1	99	22.55	22.60	22.54	2	23		
		50	0	21.43	21.55	21.53	3	22		
		50	25	21.61	21.58	21.55	3	22		
		50	50	21.60	21.54	21.56	3	22		
	100	0	21.52	21.51	21.49	3	22			
	15	QPSK	1	0				0	25	
			1	37				0	25	
			1	74				0	25	
36			0				1	24		
36			19				1	24		
36			39				1	24		
75		0				1	24			
16QAM		1	0				1	24		
		1	37				1	24		
		1	74				1	24		
		36	0				2	23		
		36	19				2	23		
		36	39				2	23		
75		0				2	23			
64QAM		1	0				2	23		
		1	37				2	23		
		1	74				2	23		
		36	0				3	22		
		36	19				3	22		
		36	39				3	22		
75		0				3	22			
10		QPSK	1	0				0	25	
			1	24				0	25	
			1	49				0	25	
	25		0				1	24		
	25		12				1	24		
	25		25				1	24		
	50	0				1	24			
	16QAM	1	0				1	24		
		1	24				1	24		
		1	49				1	24		
		25	0				2	23		
		25	12				2	23		
		25	25				2	23		
	50	0				2	23			
	64QAM	1	0				2	23		
		1	24				2	23		
		1	49				2	23		
		25	0				3	22		
		25	12				3	22		
		25	25				3	22		
	50	0				3	22			
	5	QPSK	1	0				0	25	
			1	12				0	25	
			1	24				0	25	
12			0				1	24		
12			6				1	24		
12			13				1	24		
25		0				1	24			
16QAM		1	0				1	24		
		1	12				1	24		
		1	24				1	24		
		12	0				2	23		
		12	6				2	23		
		12	13				2	23		
25		0				2	23			
64QAM		1	0				2	23		
		1	12				2	23		
		1	24				2	23		
		12	0				3	22		
		12	6				3	22		
		12	13				3	22		
25		0				3	22			
3		QPSK	1	0				0	25	
			1	7				0	25	
			1	14				0	25	
	8		0				1	24		
	8		3				1	24		
	8		7				1	24		
	15	0				1	24			
	16QAM	1	0				1	24		
		1	7				1	24		
		1	14				1	24		
		8	0				2	23		
		8	3				2	23		
		8	7				2	23		
	15	0				2	23			
	64QAM	1	0				2	23		
		1	7				2	23		
		1	14				2	23		
		8	0				3	22		
		8	3				3	22		
		8	7				3	22		
	15	0				3	22			
	1.4	QPSK	1	0				0	25	
			1	2				0	25	
			1	5				0	25	
3			0				0	25		
3			1				0	25		
3			3				0	25		
6		0				1	24			
16QAM		1	0				1	24		
		1	2				1	24		
		1	5				1	24		
		3	0				1	24		
		3	1				1	24		
		3	3				1	24		
6		0				2	23			
64QAM		1	0				2	23		
		1	2				2	23		
		1	5				2	23		
		3	0				2	23		
		3	1				2	23		
		3	3				2	23		
6		0				3	22			

LTE Band 66_Ant1										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	Channel	
		Frequency (MHz)			132072	132322				132572
		1720	1745	1770						
20	QPSK	1	0	23.97	23.88	23.81	0	24.5		
		1	50	24.16	24.06	23.96	0	24.5		
		1	99	24.00	23.93	23.82	0	24.5		
		50	0	23.05	23.13	22.91	1	23.5		
		50	25	23.27	23.15	23.05	1	23.5		
		50	50	23.23	23.08	22.94	1	23.5		
	100	0	23.14	23.09	23.05	1	23.5			
	16QAM	1	0	23.16	23.05	23.06	1	23.5		
		1	50	23.36	23.28	23.21	1	23.5		
		1	99	23.18	23.19	23.02	1	23.5		
		50	0	22.01	22.09	22.07	2	22.5		
		50	25	22.17	22.11	22.00	2	22.5		
		50	50	22.20	22.07	22.01	2	22.5		
	100	0	22.10	22.06	22.01	2	22.5			
	64QAM	1	0	22.18	22.00	22.03	2	22.5		
		1	50	22.25	22.23	22.20	2	22.5		
		1	99	22.18	22.13	22.04	2	22.5		
		50	0	21.02	21.10	20.97	3	21.5		
		50	25	21.12	21.13	21.03	3	21.5		
		50	50	21.14	21.07	21.00	3	21.5		
	100	0	21.10	21.06	20.98	3	21.5			
	15	QPSK	1	0				0	24.5	
			1	37				0	24.5	
			1	74				0	24.5	
36			0				1	23.5		
36			19				1	23.5		
36			39				1	23.5		
75		0				1	23.5			
16QAM		1	0				1	23.5		
		1	37				1	23.5		
		1	74				1	23.5		
		36	0				2	22.5		
		36	19				2	22.5		
		36	39				2	22.5		
75		0				2	22.5			
64QAM		1	0				2	22.5		
		1	37				2	22.5		
		1	74				2	22.5		
		36	0				3	21.5		
		36	19				3	21.5		
		36	39				3	21.5		
75		0				3	21.5			
10		QPSK	1	0				0	24.5	
			1	24				0	24.5	
			1	49				0	24.5	
	25		0				1	23.5		
	25		12				1	23.5		
	25		25				1	23.5		
	50	0				1	23.5			
	16QAM	1	0				1	23.5		
		1	24				1	23.5		
		1	49				1	23.5		
		25	0				2	22.5		
		25	12				2	22.5		
		25	25				2	22.5		
	50	0				2	22.5			
	64QAM	1	0				2	22.5		
		1	24			</				

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LTE Band 2_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		18700	18900	19100			
		Frequency (MHz)		1880	1880	1900			
20	QPSK	1	0	20.51	20.58	20.44	0	21	
		1	50	20.59	20.74	20.48	0	21	
		1	99	20.53	20.68	20.28	0	21	
		50	0	20.39	20.38	20.30	0	21	
		50	25	20.42	20.58	20.36	0	21	
		50	50	20.41	20.46	20.33	0	21	
	100	0	20.42	20.45	20.26	0	21		
	16QAM	1	0	20.40	20.56	20.37	0	21	
		1	50	20.70	20.60	20.57	0	21	
		1	99	20.54	20.51	20.24	0	21	
		50	0	20.41	20.46	20.45	0	21	
		50	25	20.50	20.48	20.33	0	21	
		50	50	20.48	20.35	20.25	0	21	
	100	0	20.44	20.45	20.30	0	21		
	64QAM	1	0	20.42	20.56	20.36	0	21	
		1	50	20.55	20.67	20.52	0	21	
		1	99	20.58	20.41	20.15	0	21	
		50	0	20.44	20.35	20.41	0	21	
		50	25	20.51	20.54	20.36	0	21	
		50	50	20.50	20.54	20.40	0	21	
	100	0	20.47	20.46	20.36	0	21		
	BW [MHz]	Modulation	Channel	18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1887.5	1880	1902.5			
			1	0			0	21	
15	QPSK	1	37				0	21	
		1	74				0	21	
		36	0				0	21	
		36	19				0	21	
		36	39				0	21	
		75	0				0	21	
	16QAM	1	37				0	21	
		1	74				0	21	
		36	0				0	21	
		36	19				0	21	
		36	39				0	21	
		75	0				0	21	
	64QAM	1	37				0	21	
		1	74				0	21	
		36	0				0	21	
		36	19				0	21	
		36	39				0	21	
		75	0				0	21	
	BW [MHz]	Modulation	Channel	18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1855	1880	1905			
			1	0			0	21	
	10	QPSK	1	24				0	21
			1	49				0	21
			25	0				0	21
25			12				0	21	
25			25				0	21	
50			0				0	21	
16QAM		1	24				0	21	
		1	49				0	21	
		25	0				0	21	
		25	12				0	21	
		25	25				0	21	
		50	0				0	21	
64QAM		1	24				0	21	
		1	49				0	21	
		25	0				0	21	
		25	12				0	21	
		25	25				0	21	
		50	0				0	21	
BW [MHz]		Modulation	Channel	18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1852.5	1880	1907.5			
			1	0			0	21	
5		QPSK	1	12				0	21
			1	24				0	21
			12	0				0	21
	12		6				0	21	
	12		13				0	21	
	25		0				0	21	
	16QAM	1	12				0	21	
		1	24				0	21	
		12	0				0	21	
		12	6				0	21	
		12	13				0	21	
		25	0				0	21	
	64QAM	1	12				0	21	
		1	24				0	21	
		12	0				0	21	
		12	6				0	21	
		12	13				0	21	
		25	0				0	21	
	BW [MHz]	Modulation	Channel	18615	18900	19185	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1851.5	1880	1908.5			
			1	0			0	21	
	3	QPSK	1	7				0	21
			1	14				0	21
			8	0				0	21
8			3				0	21	
8			7				0	21	
15			0				0	21	
16QAM		1	7				0	21	
		1	14				0	21	
		8	0				0	21	
		8	3				0	21	
		8	7				0	21	
		15	0				0	21	
64QAM		1	7				0	21	
		1	14				0	21	
		8	0				0	21	
		8	3				0	21	
		8	7				0	21	
		15	0				0	21	
BW [MHz]		Modulation	Channel	18607	18900	19193	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1850.7	1880	1909.3			
			1	0			0	21	
1.4		QPSK	1	2				0	21
			1	5				0	21
			3	0				0	21
	3		1				0	21	
	3		3				0	21	
	6		0				0	21	
	16QAM	1	2				0	21	
		1	5				0	21	
		3	0				0	21	
		3	1				0	21	
		3	3				0	21	
		6	0				0	21	
	64QAM	1	2				0	21	
		1	5				0	21	
		3	0				0	21	
		3	1				0	21	
		3	3				0	21	
		6	0				0	21	

LTE Band 2_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		18700	18900	19100			
		Frequency (MHz)		1860	1880	1900			
20	QPSK	1	0	14.78	14.67	14.80	0	15.5	
		1	50	14.93	14.98	14.98	0	15.5	
		1	99	14.82	14.89	14.71	0	15.5	
		50	0	14.70	14.79	14.68	0	15.5	
		50	25	14.65	14.81	14.68	0	15.5	
		50	50	14.79	14.88	14.86	0	15.5	
	100	0	14.68	14.80	14.76	0	15.5		
	16QAM	1	0	14.87	14.83	14.92	0	15.5	
		1	50	14.96	14.85	14.84	0	15.5	
		1	99	14.92	14.91	14.95	0	15.5	
		50	0	14.85	14.66	14.83	0	15.5	
		50	25	14.87	14.87	14.89	0	15.5	
		50	50	14.73	14.65	14.83	0	15.5	
	100	0	14.84	14.78	14.74	0	15.5		
	64QAM	1	0	14.91	14.91	14.97	0	15.5	
		1	50	14.91	14.94	14.96	0	15.5	
		1	99	14.94	14.86	14.86	0	15.5	
		50	0	14.84	14.72	14.69	0	15.5	
		50	25	14.92	14.76	14.89	0	15.5	
		50	50	14.88	14.69	14.67	0	15.5	
	100	0	14.81	14.80	14.84	0	15.5		
	BW [MHz]	Modulation	Channel	18675	18900	19125	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1857.5	1880	1902.5			
			1	0			0	15.5	
15	QPSK	1	37				0	15.5	
		1	74				0	15.5	
		36	0				0	15.5	
		36	19				0	15.5	
		36	39				0	15.5	
		75	0				0	15.5	
	16QAM	1	37				0	15.5	
		1	74				0	15.5	
		36	0				0	15.5	
		36	19				0	15.5	
		36	39				0	15.5	
		75	0				0	15.5	
	64QAM	1	37				0	15.5	
		1	74				0	15.5	
		36	0				0	15.5	
		36	19				0	15.5	
		36	39				0	15.5	
		75	0				0	15.5	
	BW [MHz]	Modulation	Channel	18650	18900	19150	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1855	1880	1905			
			1	0			0	15.5	
	10	QPSK	1	24				0	15.5
			1	49				0	15.5
			25	0				0	15.5
25			12				0	15.5	
25			25				0	15.5	
50			0				0	15.5	
16QAM		1	24				0	15.5	
		1	49				0	15.5	
		25	0				0	15.5	
		25	12				0	15.5	
		25	25				0	15.5	
		50	0				0	15.5	
64QAM		1	24				0	15.5	
		1	49				0	15.5	
		25	0				0	15.5	
		25	12				0	15.5	
		25	25				0	15.5	
		50	0				0	15.5	
BW [MHz]		Modulation	Channel	18625	18900	19175	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	1852.5	1880	1907.5			
			1	0			0	15.5	
5		QPSK	1	12				0	15.5
			1	24				0	15.5

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LTE Band 4_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		20090	20175	20300			
		Frequency (MHz)		1720	1732.5	1745			
20	QPSK	1	0	19.60	19.73	19.65	0	20.5	
		1	50	19.80	19.94	19.86	0	20.5	
		1	99	19.72	19.70	19.66	0	20.5	
		50	0	19.68	19.67	19.68	0	20.5	
		50	25	19.79	19.83	19.82	0	20.5	
		50	50	19.74	19.69	19.72	0	20.5	
	100	0	19.70	19.85	19.77	0	20.5		
	16QAM	1	0	19.71	19.64	19.65	0	20.5	
		1	50	19.90	19.89	19.77	0	20.5	
		1	99	19.73	19.76	19.67	0	20.5	
		50	0	19.58	19.51	19.58	0	20.5	
		50	25	19.72	19.70	19.76	0	20.5	
		50	50	19.73	19.53	19.66	0	20.5	
	100	0	19.75	19.52	19.70	0	20.5		
	64QAM	1	0	19.55	19.58	19.54	0	20.5	
		1	50	19.80	19.76	19.77	0	20.5	
		1	99	19.71	19.71	19.47	0	20.5	
		50	0	19.59	19.65	19.77	0	20.5	
		50	25	19.65	19.72	19.62	0	20.5	
		50	50	19.69	19.65	19.74	0	20.5	
	100	0	19.59	19.53	19.68	0	20.5		
	BW [MHz]	Modulation	Channel	20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)	
	15	QPSK	1	0				0	20.5
			1	37				0	20.5
1			74				0	20.5	
36			0				0	20.5	
36			19				0	20.5	
36			39				0	20.5	
75		0				0	20.5		
16QAM		1	0				0	20.5	
		1	37				0	20.5	
		1	74				0	20.5	
		36	0				0	20.5	
		36	19				0	20.5	
		36	39				0	20.5	
75		0				0	20.5		
64QAM		1	0				0	20.5	
		1	37				0	20.5	
		1	74				0	20.5	
		36	0				0	20.5	
		36	19				0	20.5	
		36	39				0	20.5	
75		0				0	20.5		
BW [MHz]		Modulation	Channel	20900	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)	
10		QPSK	1	0				0	20.5
			1	24				0	20.5
	1		49				0	20.5	
	25		0				0	20.5	
	25		12				0	20.5	
	25		25				0	20.5	
	50	0				0	20.5		
	16QAM	1	0				0	20.5	
		1	24				0	20.5	
		1	49				0	20.5	
		25	0				0	20.5	
		25	12				0	20.5	
		25	25				0	20.5	
	50	0				0	20.5		
	64QAM	1	0				0	20.5	
		1	24				0	20.5	
		1	49				0	20.5	
		25	0				0	20.5	
		25	12				0	20.5	
		25	25				0	20.5	
	50	0				0	20.5		
	BW [MHz]	Modulation	Channel	19975	20175	20375	3GPP MPR (dB)	Max. Tune-up (dBm)	
	5	QPSK	1	0				0	20.5
			1	12				0	20.5
1			24				0	20.5	
12			0				0	20.5	
12			6				0	20.5	
12			13				0	20.5	
25		0				0	20.5		
16QAM		1	0				0	20.5	
		1	12				0	20.5	
		1	24				0	20.5	
		12	0				0	20.5	
		12	6				0	20.5	
		12	13				0	20.5	
25		0				0	20.5		
64QAM		1	0				0	20.5	
		1	12				0	20.5	
		1	24				0	20.5	
		12	0				0	20.5	
		12	6				0	20.5	
		12	13				0	20.5	
25		0				0	20.5		
BW [MHz]		Modulation	Channel	19968	20175	20388	3GPP MPR (dB)	Max. Tune-up (dBm)	
3		QPSK	1	0				0	20.5
			1	7				0	20.5
	1		14				0	20.5	
	8		0				0	20.5	
	8		3				0	20.5	
	8		7				0	20.5	
	15	0				0	20.5		
	16QAM	1	0				0	20.5	
		1	7				0	20.5	
		1	14				0	20.5	
		8	0				0	20.5	
		8	3				0	20.5	
		8	7				0	20.5	
	15	0				0	20.5		
	64QAM	1	0				0	20.5	
		1	7				0	20.5	
		1	14				0	20.5	
		8	0				0	20.5	
		8	3				0	20.5	
		8	7				0	20.5	
	15	0				0	20.5		
	BW [MHz]	Modulation	Channel	19987	20175	20393	3GPP MPR (dB)	Max. Tune-up (dBm)	
	1.4	QPSK	1	0				0	20.5
			1	2				0	20.5
1			5				0	20.5	
3			0				0	20.5	
3			1				0	20.5	
3			3				0	20.5	
6		0				0	20.5		
16QAM		1	0				0	20.5	
		1	2				0	20.5	
		1	5				0	20.5	
		3	0				0	20.5	
		3	1				0	20.5	
		3	3				0	20.5	
6		0				0	20.5		
64QAM		1	0				0	20.5	
		1	2				0	20.5	
		1	5				0	20.5	
		3	0				0	20.5	
		3	1				0	20.5	
		3	3				0	20.5	
6		0				0	20.5		

LTE Band 4_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		20090	20175	20300			
		Frequency (MHz)		1720	1732.5	1745			
20	QPSK	1	0	16.69	16.62	16.60	0	17.5	
		1	50	16.87	16.95	16.72	0	17.5	
		1	99	16.72	16.69	16.62	0	17.5	
		50	0	16.58	16.63	16.67	0	17.5	
		50	25	16.82	16.88	16.70	0	17.5	
		50	50	16.49	16.57	16.56	0	17.5	
	100	0	16.57	16.65	16.57	0	17.5		
	16QAM	1	0	16.69	16.78	16.75	0	17.5	
		1	50	16.78	16.95	16.94	0	17.5	
		1	99	16.51	16.75	16.59	0	17.5	
		50	0	16.49	16.55	16.50	0	17.5	
		50	25	16.60	16.78	16.61	0	17.5	
		50	50	16.53	16.54	16.64	0	17.5	
	100	0	16.52	16.54	16.54	0	17.5		
	64QAM	1	0	16.70	16.66	16.60	0	17.5	
		1	50	16.83	16.80	16.68	0	17.5	
		1	99	16.74	16.68	16.65	0	17.5	
		50	0	16.58	16.66	16.56	0	17.5	
		50	25	16.59	16.81	16.64	0	17.5	
		50	50	16.59	16.66	16.65	0	17.5	
	100	0	16.52	16.57	16.43	0	17.5		
	BW [MHz]	Modulation	Channel	20025	20175	20325	3GPP MPR (dB)	Max. Tune-up (dBm)	
	15	QPSK	1	0				0	17.5
			1	37				0	17.5
1			74				0	17.5	
36			0				0	17.5	
36			19				0	17.5	
36			39				0	17.5	
75		0				0	17.5		
16QAM		1	0				0	17.5	
		1	37				0	17.5	
		1	74				0	17.5	
		36	0				0	17.5	
		36	19				0	17.5	
		36	39				0	17.5	
75		0				0	17.5		
64QAM		1	0				0	17.5	
		1	37				0	17.5	
		1	74				0	17.5	
		36	0				0	17.5	
		36	19				0	17.5	
		36	39				0	17.5	
75		0				0	17.5		
BW [MHz]		Modulation	Channel	20900	20175	20350	3GPP MPR (dB)	Max. Tune-up (dBm)	
10		QPSK	1	0				0	17.5
			1	24				0	17.5
	1		49				0	17.5	
	25		0				0	17.5	
	25		12				0	17.5	
	25		25				0	17.5	
	50	0				0	17.5		
	16QAM	1	0				0	17.5	
		1	24				0	17.5	
		1	49				0	17.5	
		25	0				0	17.5	
		25	12				0	17.5	
		25	25				0	17.5	
	50	0				0	17.5		
	64QAM	1	0				0	17.5	
		1	24				0	17.5	
		1	49				0		

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LTE Band 5_Ant0								
BW [MHz]	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		
10	QPSK	1	0	24.86	24.83	24.77	0	25.5
		1	24	24.85	24.73	24.75	0	25.5
		1	49	24.79	24.68	24.63	0	25.5
		25	0	23.97	23.85	23.82	1	24.5
		25	12	23.92	23.79	23.80	1	24.5
		25	25	23.89	23.84	23.70	1	24.5
		50	0	24.11	24.08	23.74	1	24.5
	16QAM	1	0	24.02	23.97	23.92	1	24.5
		1	24	23.91	23.93	23.86	1	24.5
		1	49	23.87	23.86	23.70	1	24.5
		25	0	22.91	22.89	22.78	2	23.5
		25	12	22.97	22.88	22.83	2	23.5
		25	25	22.89	22.82	22.73	2	23.5
		50	0	22.90	23.03	22.75	2	23.5
	64QAM	1	0	23.16	23.06	23.00	2	23.5
		1	24	23.12	23.05	22.94	2	23.5
		1	49	23.03	23.02	22.87	2	23.5
		25	0	21.94	21.84	21.80	3	22.5
		25	12	22.00	21.91	21.86	3	22.5
		25	25	21.92	21.87	21.73	3	22.5
		50	0	21.95	21.86	21.77	3	22.5
BW [MHz]	Modulation	Channel	20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)	826.5	836.5	846.5			
5	QPSK	1	0				0	25.5
		1	12				0	25.5
		1	24				0	25.5
		12	0				1	24.5
		12	6				1	24.5
		12	13				1	24.5
		25	0				1	24.5
	16QAM	1	0				1	24.5
		1	12				1	24.5
		1	24				1	24.5
		12	0				2	23.5
		12	6				2	23.5
		12	13				2	23.5
		25	0				2	23.5
	64QAM	1	0				2	23.5
		1	12				2	23.5
		1	24				2	23.5
		12	0				3	22.5
		12	6				3	22.5
		12	13				3	22.5
		25	0				3	22.5
BW [MHz]	Modulation	Channel	20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)	825.5	836.5	847.5			
3	QPSK	1	0				0	25.5
		1	7				0	25.5
		1	14				0	25.5
		8	0				1	24.5
		8	3				1	24.5
		8	7				1	24.5
		15	0				1	24.5
	16QAM	1	0				1	24.5
		1	7				1	24.5
		1	14				1	24.5
		8	0				2	23.5
		8	3				2	23.5
		8	7				2	23.5
		15	0				2	23.5
	64QAM	1	0				2	23.5
		1	7				2	23.5
		1	14				2	23.5
		8	0				3	22.5
		8	3				3	22.5
		8	7				3	22.5
		15	0				3	22.5
BW [MHz]	Modulation	Channel	20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)	824.7	836.5	848.3			
1.4	QPSK	1	0				0	25.5
		1	2				0	25.5
		1	5				0	25.5
		3	0				0	25.5
		3	1				0	25.5
		3	3				0	25.5
		6	0				1	24.5
	16QAM	1	0				1	24.5
		1	2				1	24.5
		1	5				1	24.5
		3	0				1	24.5
		3	1				1	24.5
		3	3				1	24.5
		6	0				2	23.5
	64QAM	1	0				2	23.5
		1	2				2	23.5
		1	5				2	23.5
		3	0				2	23.5
		3	1				2	23.5
		3	3				2	23.5
		6	0				3	22.5

LTE Band 5_Ant1								
BW [MHz]	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		
10	QPSK	1	0	23.33	23.32	23.23	0	24
		1	24	23.37	23.34	23.28	0	24
		1	49	23.31	23.23	23.18	0	24
		25	0	23.24	23.15	23.13	0	24
		25	12	23.27	23.21	23.15	0	24
		25	25	23.25	23.06	23.02	0	24
		50	0	23.20	23.15	23.01	0	24
	16QAM	1	0	23.16	23.18	23.11	0	24
		1	24	23.21	23.30	23.20	0	24
		1	49	23.20	23.23	22.89	0	24
		25	0	22.73	22.69	22.64	0.5	23.5
		25	12	22.92	22.73	22.78	0.5	23.5
		25	25	22.90	22.71	22.68	0.5	23.5
		50	0	22.79	22.68	22.62	0.5	23.5
	64QAM	1	0	22.97	22.82	22.84	0.5	23.5
		1	24	22.92	22.91	22.77	0.5	23.5
		1	49	22.99	22.92	22.81	0.5	23.5
		25	0	21.79	21.80	21.78	1.5	22.5
		25	12	21.93	21.79	21.81	1.5	22.5
		25	25	21.89	21.80	21.65	1.5	22.5
		50	0	21.80	21.81	21.72	1.5	22.5
BW [MHz]	Modulation	Channel	20425	20525	20625	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)	826.5	836.5	846.5			
5	QPSK	1	0				0	24
		1	12				0	24
		1	24				0	24
		12	0				0	24
		12	6				0	24
		12	13				0	24
		25	0				0	24
	16QAM	1	0				0	24
		1	12				0	24
		1	24				0	24
		12	0				0.5	23.5
		12	6				0.5	23.5
		12	13				0.5	23.5
		25	0				0.5	23.5
	64QAM	1	0				0.5	23.5
		1	12				0.5	23.5
		1	24				0.5	23.5
		12	0				1.5	22.5
		12	6				1.5	22.5
		12	13				1.5	22.5
		25	0				1.5	22.5
BW [MHz]	Modulation	Channel	20415	20525	20635	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)	825.5	836.5	847.5			
3	QPSK	1	0				0	24
		1	7				0	24
		1	14				0	24
		8	0				0	24
		8	3				0	24
		8	7				0	24
		15	0				0	24
	16QAM	1	0				0	24
		1	7				0	24
		1	14				0	24
		8	0				0.5	23.5
		8	3				0.5	23.5
		8	7				0.5	23.5
		15	0				0.5	23.5
	64QAM	1	0				0.5	23.5
		1	7				0.5	23.5
		1	14				0.5	23.5
		8	0				1.5	22.5
		8	3				1.5	22.5
		8	7				1.5	22.5
		15	0				1.5	22.5
BW [MHz]	Modulation	Channel	20407	20525	20643	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)	824.7	836.5	848.3			
1.4	QPSK	1	0				0	24
		1	2				0	24
		1	5				0	24
		3	0				0	24
		3	1				0	24
		3	3				0	24
		6	0				0	24
	16QAM	1	0				0	24
		1	2				0	24
		1	5				0	24
		3	0				0	24
		3	1				0	24
		3	3				0	24
		6	0				0.5	23.5
	64QAM	1	0				0.5	23.5
		1	2				0.5	23.5
		1	5				0.5	23.5
		3	0				0.5	23.5
		3	1				0.5	23.5
		3	3				0.5	23.5
		6	0				1.5	22.5

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LTE Band 7_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		20850	21100	21350			
		Frequency (MHz)		2510	2535	2560			
20	QPSK	1	0	19.12	19.07	18.89	0	20	
		1	50	19.17	19.09	19.05	0	20	
		1	99	18.95	18.84	18.71	0	20	
		50	0	18.81	18.69	18.71	0	20	
		50	25	18.94	18.87	18.81	0	20	
		50	50	18.84	18.81	18.50	0	20	
		100	0	18.86	18.81	18.57	0	20	
		1	0	18.95	18.91	18.77	0	20	
		1	50	19.00	19.03	18.77	0	20	
		1	99	18.71	18.68	19.01	0	20	
	16QAM	50	0	18.90	18.96	18.81	0	20	
		50	25	19.02	18.93	18.59	0	20	
		50	50	18.90	19.01	18.61	0	20	
		100	0	18.93	19.02	18.60	0	20	
		1	0	19.05	19.04	18.81	0	20	
		1	50	19.13	18.95	18.94	0	20	
		1	99	18.82	19.03	18.52	0	20	
		50	0	19.02	18.99	18.89	0	20	
		50	25	19.07	18.92	18.89	0	20	
		50	50	19.03	19.06	18.74	0	20	
	64QAM	100	0	18.99	18.92	18.75	0	20	
BW [MHz]	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2507.5	2535	2562.5			
15	QPSK	1	0				0	20	
		1	37				0	20	
		1	74				0	20	
		36	0				0	20	
		36	19				0	20	
		36	39				0	20	
		75	0				0	20	
		1	0				0	20	
		1	37				0	20	
		1	74				0	20	
	16QAM	36	0					0	20
		36	19					0	20
		36	39				0	20	
		75	0				0	20	
		1	0				0	20	
		1	37				0	20	
		1	74				0	20	
		36	0				0	20	
		36	19				0	20	
		36	39				0	20	
	64QAM	75	0					0	20
BW [MHz]	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2505	2535	2565			
10	QPSK	1	0				0	20	
		1	24				0	20	
		1	49				0	20	
		25	0				0	20	
		25	12				0	20	
		25	25				0	20	
		50	0				0	20	
		1	0				0	20	
		1	24				0	20	
		1	49				0	20	
	16QAM	25	0					0	20
		25	12					0	20
		25	25				0	20	
		50	0				0	20	
		1	0				0	20	
		1	24				0	20	
		1	49				0	20	
		25	0				0	20	
		25	12				0	20	
		25	25				0	20	
	64QAM	50	0					0	20
BW [MHz]	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2502.5	2535	2567.5			
5	QPSK	1	0				0	20	
		1	12				0	20	
		1	24				0	20	
		12	0				0	20	
		12	6				0	20	
		12	13				0	20	
		25	0				0	20	
		1	0				0	20	
		1	12				0	20	
		1	24				0	20	
	16QAM	12	0					0	20
		12	6					0	20
		12	13				0	20	
		25	0				0	20	
		1	0				0	20	
		1	12				0	20	
		1	24				0	20	
		12	0				0	20	
		12	6				0	20	
		12	13				0	20	
	64QAM	25	0					0	20

LTE Band 7_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		20850	21100	21350			
		Frequency (MHz)		2510	2535	2560			
20	QPSK	1	0	17.15	17.30	16.72	0	18	
		1	50	17.29	17.42	17.03	0	18	
		1	99	17.11	17.10	16.19	0	18	
		50	0	17.07	17.06	16.40	0	18	
		50	25	17.11	17.17	16.92	0	18	
		50	50	16.99	17.04	16.69	0	18	
		100	0	16.89	17.07	16.50	0	18	
		1	0	17.10	17.11	16.56	0	18	
		1	50	17.15	17.24	16.74	0	18	
		1	99	16.76	17.06	16.21	0	18	
	16QAM	50	0	16.87	17.05	16.76	0	18	
		50	25	17.04	17.21	16.60	0	18	
		50	50	17.01	17.15	16.62	0	18	
		100	0	17.04	17.03	16.80	0	18	
		1	0	17.15	17.13	17.20	0	18	
		1	50	17.29	17.29	17.14	0	18	
		1	99	17.07	17.14	16.83	0	18	
		50	0	17.22	17.17	17.10	0	18	
		50	25	17.17	17.21	17.04	0	18	
		50	50	17.21	17.20	16.77	0	18	
	64QAM	100	0	17.17	17.14	17.00	0	18	
BW [MHz]	Modulation	Channel		20825	21100	21375	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2507.5	2535	2562.5			
15	QPSK	1	0				0	18	
		1	37				0	18	
		1	74				0	18	
		36	0				0	18	
		36	19				0	18	
		36	39				0	18	
		75	0				0	18	
		1	0				0	18	
		1	37				0	18	
		1	74				0	18	
	16QAM	36	0					0	18
		36	19					0	18
		36	39				0	18	
		75	0				0	18	
		1	0				0	18	
		1	37				0	18	
		1	74				0	18	
		36	0				0	18	
		36	19				0	18	
		36	39				0	18	
	64QAM	75	0					0	18
BW [MHz]	Modulation	Channel		20800	21100	21400	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2505	2535	2565			
10	QPSK	1	0				0	18	
		1	24				0	18	
		1	49				0	18	
		25	0				0	18	
		25	12				0	18	
		25	25				0	18	
		50	0				0	18	
		1	0				0	18	
		1	24				0	18	
		1	49				0	18	
	16QAM	25	0					0	18
		25	12					0	18
		25	25				0	18	
		50	0				0	18	
		1	0				0	18	
		1	24				0	18	
		1	49				0	18	
		25	0				0	18	
		25	12				0	18	
		25	25				0	18	
	64QAM	50	0					0	18
BW [MHz]	Modulation	Channel		20775	21100	21425	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2502.5	2535	2567.5			
5	QPSK	1	0				0	18	
		1	12				0	18	
		1	24				0	18	
		12	0				0	18	
		12	6				0	18	
		12	13				0	18	
		25	0				0	18	
		1	0				0	18	
		1	12				0	18	
		1	24				0	18	
	16QAM	12	0					0	18
		12	6					0	18
		12	13				0	18	
		25	0				0	18	
		1	0				0	18	
		1	12				0	18	
		1	24				0	18	
		12	0				0	18	
		12	6				0	18	
		12	13				0	18	
	64QAM	25	0		</				

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LTE Band 12_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23060	23095	23130			
		Frequency (MHz)		704	707.5	711			
10	QPSK	1	0	24.84	24.82	24.76	0	25.5	
		1	24	24.89	24.84	24.79	0	25.5	
		1	49	24.70	24.58	24.66	0	25.5	
		25	0	23.83	23.78	23.73	1	24.5	
		25	12	23.89	23.80	23.85	1	24.5	
		25	25	23.79	23.65	23.69	1	24.5	
	16QAM	50	0	23.82	23.70	23.76	1	24.5	
		1	0	23.49	23.43	23.42	1	24.5	
		1	24	23.54	23.52	23.49	1	24.5	
		1	49	23.39	23.27	23.33	1	24.5	
		25	0	22.84	22.74	22.76	2	23.5	
		25	12	22.91	22.78	22.89	2	23.5	
	64QAM	25	25	22.83	22.78	22.74	2	23.5	
		50	0	22.80	22.78	22.71	2	23.5	
		1	0	23.19	23.10	23.08	2	23.5	
		1	24	23.01	22.92	22.98	2	23.5	
		1	49	23.05	23.04	22.90	2	23.5	
		25	0	21.86	21.72	21.85	3	22.5	
	5	QPSK	1	0	23.05	23.04	22.90	2	23.5
			1	24	23.05	23.04	22.90	2	23.5
			1	49	23.05	23.04	22.90	2	23.5
			25	0	21.86	21.72	21.85	3	22.5
			25	12	21.89	21.85	21.74	3	22.5
			25	25	21.76	21.71	21.73	3	22.5
16QAM	50	0	21.83	21.69	21.75	3	22.5		
	1	0	23.35	23.095	23.155	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Channel		23035	23095	23155	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		701.5	707.5	713.5				
	5	QPSK	1	0				0	25.5
			1	12				0	25.5
1			24				0	25.5	
12			0				1	24.5	
12			6				1	24.5	
12			13				1	24.5	
16QAM		25	0				1	24.5	
		1	0				1	24.5	
		1	12				1	24.5	
		1	24				1	24.5	
		12	0				2	23.5	
		12	6				2	23.5	
64QAM		12	13				2	23.5	
		25	0				2	23.5	
		1	0				2	23.5	
		1	12				2	23.5	
		1	24				2	23.5	
		12	0				3	22.5	
3		QPSK	12	6				3	22.5
			12	13				3	22.5
			25	0				3	22.5
			1	0				3	22.5
			1	12				3	22.5
			1	24				3	22.5
16QAM	12	0				3	22.5		
	12	6				3	22.5		
	12	13				3	22.5		
	25	0				3	22.5		
	1	0				3	22.5		
	1	12				3	22.5		
64QAM	1	24				3	22.5		
	12	0				3	22.5		
	12	6				3	22.5		
	12	13				3	22.5		
	25	0				3	22.5		
	25	0				3	22.5		
1.4	QPSK	Channel		23025	23095	23165	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		700.5	707.5	714.5			
		16QAM	1	0				0	25.5
			1	7				0	25.5
			1	14				0	25.5
			8	0				1	24.5
	8		3				1	24.5	
	8		7				1	24.5	
	64QAM	15	0				1	24.5	
		1	0				1	24.5	
		1	7				1	24.5	
		1	14				1	24.5	
		8	0				2	23.5	
		8	3				2	23.5	
	3	QPSK	8	7				2	23.5
			15	0				2	23.5
			1	0				2	23.5
			1	7				2	23.5
			1	14				2	23.5
			8	0				3	22.5
	16QAM	8	3				3	22.5	
		8	7				3	22.5	
		15	0				3	22.5	
		1	0				3	22.5	
1		7				3	22.5		
1		14				3	22.5		
64QAM	8	0				3	22.5		
	8	3				3	22.5		
	8	7				3	22.5		
	15	0				3	22.5		
	1	0				3	22.5		
	1	7				3	22.5		
1.4	QPSK	Channel		23017	23095	23173	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		699.7	707.5	715.3			
		16QAM	1	0				0	25.5
			1	2				0	25.5
			1	5				0	25.5
			3	0				0	25.5
	3		1				0	25.5	
	3		3				0	25.5	
	64QAM	6	0				1	24.5	
		1	0				1	24.5	
		1	2				1	24.5	
		1	5				1	24.5	
		3	0				1	24.5	
		3	1				1	24.5	
	3	QPSK	3	3				1	24.5
			6	0				2	23.5
			1	0				2	23.5
			1	2				2	23.5
			1	5				2	23.5
			3	0				2	23.5
	16QAM	3	1				2	23.5	
		3	3				2	23.5	
		6	0				2	23.5	
		1	0				2	23.5	
1		2				2	23.5		
1		5				2	23.5		
64QAM	3	0				2	23.5		
	3	1				2	23.5		
	3	3				2	23.5		
	6	0				2	23.5		
	1	0				2	23.5		
	1	2				2	23.5		
3	QPSK	1	5				2	23.5	
		3	0				2	23.5	
		3	1				2	23.5	
		3	3				2	23.5	
		6	0				2	23.5	
		1	0				3	22.5	
16QAM	1	2				3	22.5		
	1	5				3	22.5		
	3	0				3	22.5		
	3	1				3	22.5		
	3	3				3	22.5		
	6	0				3	22.5		
64QAM	1	0				3	22.5		
	1	2				3	22.5		
	1	5				3	22.5		
	3	0				3	22.5		
	3	1				3	22.5		
	3	3				3	22.5		

LTE Band 12_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23060	23095	23130			
		Frequency (MHz)		704	707.5	711			
10	QPSK	1	0	24.95	24.93	24.91	0	25.5	
		1	24	24.96	24.98	24.92	0	25.5	
		1	49	24.76	24.84	24.79	0	25.5	
		25	0	23.93	24.01	23.95	1	24.5	
		25	12	23.90	23.99	23.94	1	24.5	
		25	25	23.62	23.74	23.69	1	24.5	
	16QAM	50	0	23.86	23.96	23.87	1	24.5	
		1	0	23.92	23.95	23.92	1	24.5	
		1	24	24.05	24.18	24.05	1	24.5	
		1	49	23.81	23.90	23.77	1	24.5	
		25	0	22.83	22.91	22.84	2	23.5	
		25	12	22.86	22.99	22.87	2	23.5	
	64QAM	25	25	22.62	22.74	22.61	2	23.5	
		50	0	22.74	22.82	22.71	2	23.5	
		1	0	22.86	22.96	22.93	2	23.5	
		1	24	23.01	23.07	23.06	2	23.5	
		1	49	22.87	22.90	22.80	2	23.5	
		25	0	21.90	21.91	21.77	3	22.5	
	5	QPSK	25	12	21.85	21.99	21.96	3	22.5
			25	25	21.72	21.83	21.81	3	22.5
			50	0	21.71	21.84	21.77	3	22.5
			1	0				1	24.5
			1	12				1	24.5
			1	24				1	24.5
16QAM	12	0				2	23.5		
	12	6				2	23.5		
	12	13				2	23.5		
	25	0				2	23.5		
	1	0				2	23.5		
	1	12				2	23.5		
64QAM	1	24				2	23.5		
	12	0				3	22.5		
	12	6				3	22.5		
	12	13				3	22.5		
	25	0				3	22.5		
	25	0				3	22.5		
1.4	QPSK	Channel		23025	23095	23165	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		700.5	707.5	714.5			
		16QAM	1	0				0	25.5
			1	7				0	25.5
			1	14				0	25.5
			8	0				1	24.5
	8		3				1	24.5	
	8		7				1	24.5	
	64QAM	15	0				1	24.5	
		1	0						

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LTE Band 13_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23230					
		Frequency (MHz)		782					
10	QPSK	1	0		24.71		0	25.5	
		1	24		24.74		0	25.5	
		1	49		24.62		0	25.5	
		25	0		23.66		1	24.5	
		25	12		23.76		1	24.5	
		25	25		23.66		1	24.5	
		50	0		23.70		1	24.5	
		1	0		23.39		1	24.5	
		1	24		23.47		1	24.5	
		1	49		23.33		1	24.5	
	25	0		22.73		2	23.5		
	25	12		22.82		2	23.5		
	25	25		22.68		2	23.5		
	50	0		22.71		2	23.5		
	1	0		22.90		2	23.5		
	1	24		22.91		2	23.5		
	1	49		22.92		2	23.5		
	25	0		21.74		3	22.5		
	25	12		21.79		3	22.5		
	25	25		21.67		3	22.5		
	50	0		21.68		3	22.5		
	BW [MHz]	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)		779.5	782	784.5		
	5	QPSK	1	0				0	25.5
			1	12				0	25.5
1			24				0	25.5	
12			0				1	24.5	
12			6				1	24.5	
12			13				1	24.5	
25			0				1	24.5	
1			0				1	24.5	
1			12				1	24.5	
1			24				1	24.5	
12		0				2	23.5		
12		6				2	23.5		
12		13				2	23.5		
25		0				2	23.5		
1		0				2	23.5		
1		12				2	23.5		
1		24				2	23.5		
12		0				3	22.5		
12		6				3	22.5		
12		13				3	22.5		
25		0				3	22.5		

LTE Band 13_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		23230					
		Frequency (MHz)		782					
10	QPSK	1	0		24.70		0	25.5	
		1	24		24.77		0	25.5	
		1	49		24.59		0	25.5	
		25	0		23.65		1	24.5	
		25	12		23.76		1	24.5	
		25	25		23.64		1	24.5	
		50	0		23.66		1	24.5	
		1	0		23.77		1	24.5	
		1	24		23.81		1	24.5	
		1	49		23.48		1	24.5	
	25	0		22.67		2	23.5		
	25	12		22.66		2	23.5		
	25	25		22.50		2	23.5		
	50	0		22.46		2	23.5		
	1	0		22.83		2	23.5		
	1	24		22.96		2	23.5		
	1	49		22.64		2	23.5		
	25	0		21.61		3	22.5		
	25	12		21.78		3	22.5		
	25	25		21.69		3	22.5		
	50	0		21.58		3	22.5		
	BW [MHz]	Modulation	Channel		23205	23230	23255	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)		779.5	782	784.5		
	5	QPSK	1	0				0	25.5
			1	12				0	25.5
1			24				0	25.5	
12			0				1	24.5	
12			6				1	24.5	
12			13				1	24.5	
25			0				1	24.5	
1			0				1	24.5	
1			12				1	24.5	
1			24				1	24.5	
12		0				2	23.5		
12		6				2	23.5		
12		13				2	23.5		
25		0				2	23.5		
1		0				2	23.5		
1		12				2	23.5		
1		24				2	23.5		
12		0				3	22.5		
12		6				3	22.5		
12		13				3	22.5		
25		0				3	22.5		

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LTE Band 17_Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10	QPSK	1	0	24.75	24.83	24.76	0	25.5
		1	24	24.79	24.88	24.80	0	25.5
		1	49	24.57	24.71	24.62	0	25.5
		25	0	23.70	23.81	23.70	1	24.5
		25	12	23.79	23.88	23.83	1	24.5
		25	25	23.66	23.76	23.72	1	24.5
		50	0	23.82	23.84	23.81	1	24.5
		1	0	23.95	23.98	23.91	1	24.5
		1	24	24.07	24.08	24.01	1	24.5
		1	49	23.71	23.81	23.76	1	24.5
	25	0	22.85	22.88	22.78	2	23.5	
	25	12	22.81	22.94	22.82	2	23.5	
	25	25	22.74	22.83	22.76	2	23.5	
	50	0	22.72	22.85	22.81	2	23.5	
	1	0	22.94	23.01	22.97	2	23.5	
	1	24	22.96	23.06	22.93	2	23.5	
	1	49	22.81	22.83	22.68	2	23.5	
	25	0	21.84	21.87	21.80	3	22.5	
	25	12	21.79	21.94	21.87	3	22.5	
	25	25	21.84	21.91	21.84	3	22.5	
	50	0	21.73	21.83	21.71	3	22.5	
	BW [MHz]	Modulation	Channel	23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)	706.5	710	713.5		
	5	QPSK	1	0			0	25.5
			1	12			0	25.5
1			24			0	25.5	
12			0			1	24.5	
12			6			1	24.5	
12			13			1	24.5	
25			0			1	24.5	
16QAM		1	0			1	24.5	
		1	12			1	24.5	
		1	24			1	24.5	
		12	0			2	23.5	
		12	6			2	23.5	
		12	13			2	23.5	
		25	0			2	23.5	
64QAM		1	0			2	23.5	
		1	12			2	23.5	
		1	24			2	23.5	
		12	0			3	22.5	
		12	6			3	22.5	
		12	13			3	22.5	
		25	0			3	22.5	

LTE Band 17_Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		23780	23790	23800		
		Frequency (MHz)		709	710	711		
10	QPSK	1	0	24.84	24.92	24.85	0	25.5
		1	24	24.93	24.97	24.87	0	25.5
		1	49	24.69	24.83	24.82	0	25.5
		25	0	23.76	23.89	23.74	1	24.5
		25	12	23.92	24.01	23.92	1	24.5
		25	25	23.79	23.84	23.71	1	24.5
		50	0	23.90	23.91	23.76	1	24.5
		1	0	23.62	23.71	23.63	1	24.5
		1	24	24.07	24.19	24.12	1	24.5
		1	49	23.91	23.95	23.92	1	24.5
	25	0	22.98	23.02	22.92	2	23.5	
	25	12	22.91	23.05	22.90	2	23.5	
	25	25	22.81	22.87	22.79	2	23.5	
	50	0	22.84	22.87	22.81	2	23.5	
	1	0	22.99	23.04	22.92	2	23.5	
	1	24	23.17	23.21	23.12	2	23.5	
	1	49	22.86	22.97	22.96	2	23.5	
	25	0	21.94	22.04	22.00	3	22.5	
	25	12	21.95	21.96	21.82	3	22.5	
	25	25	21.83	21.97	21.91	3	22.5	
	50	0	21.82	21.91	21.79	3	22.5	
	BW [MHz]	Modulation	Channel	23755	23790	23825	3GPP MPR (dB)	Max. Tune-up (dBm)
			Frequency (MHz)	706.5	710	713.5		
	5	QPSK	1	0			0	25.5
			1	12			0	25.5
1			24			0	25.5	
12			0			1	24.5	
12			6			1	24.5	
12			13			1	24.5	
25			0			1	24.5	
16QAM		1	0			1	24.5	
		1	12			1	24.5	
		1	24			1	24.5	
		12	0			2	23.5	
		12	6			2	23.5	
		12	13			2	23.5	
		25	0			2	23.5	
64QAM		1	0			2	23.5	
		1	12			2	23.5	
		1	24			2	23.5	
		12	0			3	22.5	
		12	6			3	22.5	
		12	13			3	22.5	
		25	0			3	22.5	

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LTE Band 26_Ant0								
BW [MHz]	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		
15	QPSK	1	0	24.90	24.81	24.70	0	25.5
		1	37	24.94	24.85	24.73	0	25.5
		1	74	24.76	24.69	24.56	0	25.5
		36	0	23.91	23.82	23.73	1	24.5
		36	19	23.95	23.88	23.75	1	24.5
		36	39	23.87	23.84	23.67	1	24.5
		75	0	23.90	23.86	23.70	1	24.5
	16QAM	1	0	23.92	23.91	23.78	1	24.5
		1	37	23.97	23.95	23.85	1	24.5
		1	74	23.91	23.90	23.88	1	24.5
		36	0	22.91	22.83	22.69	2	23.5
		36	19	22.98	22.84	22.77	2	23.5
		36	39	22.89	22.71	22.66	2	23.5
		75	0	22.88	22.85	22.71	2	23.5
	64QAM	1	0	22.86	22.80	22.88	2	23.5
		1	37	22.98	22.94	22.78	2	23.5
		1	74	22.90	22.88	22.77	2	23.5
		36	0	21.93	21.85	21.76	3	22.5
		36	19	21.96	21.87	21.78	3	22.5
		36	39	21.92	21.81	21.69	3	22.5
		75	0	21.88	21.80	21.70	3	22.5
BW [MHz]	Modulation	Channel	26740	26865	26990	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)	819	831.5	844			
10	QPSK	1	0				0	25.5
		1	24				0	25.5
		1	49				0	25.5
		25	0				1	24.5
		25	12				1	24.5
		25	25				1	24.5
		50	0				1	24.5
	16QAM	1	0				1	24.5
		1	24				1	24.5
		1	49				1	24.5
		25	0				2	23.5
		25	12				2	23.5
		25	25				2	23.5
		50	0				2	23.5
	64QAM	1	0				2	23.5
		1	24				2	23.5
		1	49				2	23.5
		25	0				3	22.5
		25	12				3	22.5
		25	25				3	22.5
		50	0				3	22.5
BW [MHz]	Modulation	Channel	26715	26865	27015	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)	816.5	831.5	846.5			
5	QPSK	1	0				0	25.5
		1	12				0	25.5
		1	24				0	25.5
		12	0				1	24.5
		12	6				1	24.5
		12	13				1	24.5
		25	0				1	24.5
	16QAM	1	0				1	24.5
		1	12				1	24.5
		1	24				1	24.5
		12	0				2	23.5
		12	6				2	23.5
		12	13				2	23.5
		25	0				2	23.5
	64QAM	1	0				2	23.5
		1	12				2	23.5
		1	24				2	23.5
		12	0				3	22.5
		12	6				3	22.5
		12	13				3	22.5
		25	0				3	22.5
BW [MHz]	Modulation	Channel	26705	26865	27025	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)	815.5	831.5	847.5			
3	QPSK	1	0				0	25.5
		1	7				0	25.5
		1	14				0	25.5
		8	0				1	24.5
		8	3				1	24.5
		8	7				1	24.5
		15	0				1	24.5
	16QAM	1	0				1	24.5
		1	7				1	24.5
		1	14				1	24.5
		8	0				2	23.5
		8	3				2	23.5
		8	7				2	23.5
		15	0				2	23.5
	64QAM	1	0				2	23.5
		1	7				2	23.5
		1	14				2	23.5
		8	0				3	22.5
		8	3				3	22.5
		8	7				3	22.5
		15	0				3	22.5
BW [MHz]	Modulation	Channel	26697	26865	27033	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)	814.7	831.5	848.3			
1.4	QPSK	1	0				0	25.5
		1	2				0	25.5
		1	5				0	25.5
		3	0				0	25.5
		3	1				0	25.5
		3	3				0	25.5
		6	0				1	24.5
	16QAM	1	0				1	24.5
		1	2				1	24.5
		1	5				1	24.5
		3	0				1	24.5
		3	1				1	24.5
		3	3				1	24.5
		6	0				2	23.5
	64QAM	1	0				2	23.5
		1	2				2	23.5
		1	5				2	23.5
		3	0				2	23.5
		3	1				2	23.5
		3	3				2	23.5
		6	0				3	22.5

LTE Band 26_Ant1								
BW [MHz]	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		
15	QPSK	1	0	23.36	23.27	23.19	0	24
		1	37	23.34	23.20	23.17	0	24
		1	74	23.19	23.12	23.03	0	24
		36	0	23.05	22.87	22.92	0	24
		36	19	23.11	23.09	23.05	0	24
		36	39	22.91	22.89	23.02	0	24
		75	0	23.04	23.01	22.89	0	24
	16QAM	1	0	23.23	23.15	23.21	0	24
		1	37	23.18	23.19	23.09	0	24
		1	74	23.12	23.17	23.07	0	24
		36	0	22.54	22.51	22.50	0.5	23.5
		36	19	22.63	22.65	22.49	0.5	23.5
		36	39	22.69	22.61	22.45	0.5	23.5
		75	0	22.59	22.51	22.38	0.5	23.5
	64QAM	1	0	22.88	22.67	22.74	0.5	23.5
		1	37	22.84	22.73	22.71	0.5	23.5
		1	74	22.73	22.59	22.62	0.5	23.5
		36	0	21.68	21.54	21.52	1.5	22.5
		36	19	21.68	21.56	21.55	1.5	22.5
		36	39	21.63	21.58	21.37	1.5	22.5
		75	0	21.64	21.60	21.44	1.5	22.5
BW [MHz]	Modulation	Channel	26740	26865	26990	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)	819	831.5	844			
10	QPSK	1	0				0	24
		1	24				0	24
		1	49				0	24
		25	0				0	24
		25	12				0	24
		25	25				0	24
		50	0				0	24
	16QAM	1	0				0	24
		1	24				0	24
		1	49				0	24
		25	0				0.5	23.5
		25	12				0.5	23.5
		25	25				0.5	23.5
		50	0				0.5	23.5
	64QAM	1	0				0.5	23.5
		1	24				0.5	23.5
		1	49				0.5	23.5
		25	0				1.5	22.5
		25	12				1.5	22.5
		25	25				1.5	22.5
		50	0				1.5	22.5
BW [MHz]	Modulation	Channel	26715	26865	27015	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)	816.5	831.5	846.5			
5	QPSK	1	0				0	24
		1	12				0	24
		1	24				0	24
		12	0				0	24
		12	6				0	24
		12	13				0	24
		25	0				0	24
	16QAM	1	0				0	24
		1	12				0	24
		1	24				0	24
		12	0				0.5	23.5
		12	6				0.5	23.5
		12	13				0.5	23.5
		25	0				0.5	23.5
	64QAM	1	0				0.5	23.5
		1	12				0.5	23.5
		1	24				0.5	23.5
		12	0				1.5	22.5
		12	6				1.5	22.5
		12	13				1.5	22.5
		25	0				1.5	22.5
BW [MHz]	Modulation	Channel	26705	26865	27025	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)	815.5	831.5	847.5			
3	QPSK	1	0				0	24
		1	7				0	24
		1	14				0	24
		8	0				0	24
		8	3				0	24
		8	7				0	24
		15	0				0	24
	16QAM	1	0				0	24
		1	7				0	24
		1	14				0	24
		8	0				0.5	23.5
		8	3				0.5	23.5
		8	7				0.5	23.5
		15	0				0.5	23.5
	64QAM	1	0				0.5	23.5
		1	7				0.5	23.5
		1	14				0.5	23.5
		8	0				1.5	22.5
		8	3				1.5	22.5
		8	7				1.5	22.5
		15	0				1.5	22.5
BW [MHz]	Modulation	Channel	26697	26865	27033	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)	814.7	831.5	848.3			
1.4	QPSK	1	0				0	24
		1	2				0	24
		1	5				0	24
		3	0				0	24
		3	1				0	24
		3	3				0	24
		6	0				0	24
	16QAM	1	0				0	24
		1	2				0	24
		1	5				0	24
		3	0				0	24
		3	1				0	24
		3	3				0	24
		6	0				0.5	23.5
	64QAM	1	0				0.5	23.5
		1	2				0.5	23.5
		1	5				0.5	23.5
		3	0				0.5	23.5
		3	1				0.5	23.5
		3	3				0.5	23.5
		6	0				1.5	22.5

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LTE Band 38_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		37850	38000	38150			
		Frequency (MHz)		2580	2595	2610			
20	QPSK	1	0	22.09	22.05	21.99	0	23.5	
		1	50	22.93	22.95	22.86	0	23.5	
		1	99	22.64	22.78	22.69	0	23.5	
		50	0	22.52	22.66	22.52	0	23.5	
		50	25	22.58	22.69	22.67	0	23.5	
		50	50	22.65	22.64	22.52	0	23.5	
		100	0	22.65	22.78	22.50	0	23.5	
		1	0	21.84	21.91	21.88	0	23.5	
		1	50	22.81	22.73	22.61	0	23.5	
		1	99	22.43	22.54	22.38	0	23.5	
	16QAM	50	0	22.16	22.00	21.97	0.5	23	
		50	25	22.29	22.25	22.10	0.5	23	
		50	50	22.03	22.05	21.90	0.5	23	
		100	0	22.09	22.10	22.04	0.5	23	
		1	0	21.51	21.30	21.35	0.5	23	
		1	50	21.98	21.95	21.91	0.5	23	
		1	99	21.60	21.74	21.63	0.5	23	
		50	0	21.21	21.33	21.16	1.5	22	
		50	25	21.23	21.33	21.18	1.5	22	
		50	50	21.20	21.05	21.00	1.5	22	
	64QAM	100	0	21.09	21.26	21.11	1.5	22	
		Channel		37825	38000	38175	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2577.5	2595	2612.5			
		15	QPSK	1	0				0
1				37				0	23.5
1				74				0	23.5
36				0				0	23.5
36				19				0	23.5
36				39				0	23.5
75				0				0	23.5
1	0						0	23.5	
1	37						0	23.5	
1	74						0	23.5	
16QAM	36		0				0.5	23	
	36		19				0.5	23	
	36		39				0.5	23	
	75		0				0.5	23	
	1		0				0.5	23	
	1		37				0.5	23	
	1		74				0.5	23	
	36		0				1.5	22	
	36		19				1.5	22	
	36		39				1.5	22	
64QAM	75		0				1.5	22	
	Channel		37800	38000	38200	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		2575	2595	2615				
	10		QPSK	1	0				0
		1		24				0	23.5
		1		49				0	23.5
		25		0				0	23.5
		25		12				0	23.5
		25		25				0	23.5
		50		0				0	23.5
1		0					0	23.5	
1		24					0	23.5	
1		49					0	23.5	
16QAM		25	0				0.5	23	
		25	12				0.5	23	
		25	25				0.5	23	
		50	0				0.5	23	
		1	0				0.5	23	
		1	24				0.5	23	
		1	49				0.5	23	
		25	0				1.5	22	
		25	12				1.5	22	
		25	25				1.5	22	
64QAM		50	0				1.5	22	
		Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2572.5	2595	2617.5			
		5	QPSK	1	0				0
	1			12				0	23.5
	1			24				0	23.5
	12			0				0	23.5
	12			6				0	23.5
	12			13				0	23.5
	25			0				0	23.5
1	0						0	23.5	
1	12						0	23.5	
1	24						0	23.5	
16QAM	12		0				0.5	23	
	12		6				0.5	23	
	12		13				0.5	23	
	25		0				0.5	23	
	1		0				0.5	23	
	1		12				0.5	23	
	1		24				0.5	23	
	12		0				1.5	22	
	12		6				1.5	22	
	12		13				1.5	22	
64QAM	25		0				1.5	22	
	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		2572.5	2595	2617.5				
	5		QPSK	1	0				0
		1		12				0	23.5
		1		24				0	23.5
		12		0				0	23.5
		12		6				0	23.5
		12		13				0	23.5
		25		0				0	23.5
1		0					0	23.5	
1		12					0	23.5	
1		24					0	23.5	
16QAM		12	0				0.5	23	
		12	6				0.5	23	
		12	13				0.5	23	
		25	0				0.5	23	
		1	0				0.5	23	
		1	12				0.5	23	
		1	24				0.5	23	
		12	0				1.5	22	
		12	6				1.5	22	
		12	13				1.5	22	
64QAM		25	0				1.5	22	
		Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2572.5	2595	2617.5			
		5	QPSK	1	0				0
	1			12				0	23.5
	1			24				0	23.5
	12			0				0	23.5
	12			6				0	23.5
	12			13				0	23.5
	25			0				0	23.5
1	0						0	23.5	
1	12						0	23.5	
1	24						0	23.5	
16QAM	12		0				0.5	23	
	12		6				0.5	23	
	12		13				0.5	23	
	25		0				0.5	23	
	1		0				0.5	23	
	1		12				0.5	23	
	1		24				0.5	23	
	12		0				1.5	22	
	12		6				1.5	22	
	12		13				1.5	22	
64QAM	25		0				1.5	22	
	Channel		37775	38000	38225	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		2572.5	2595	2617.5				

LTE Band 38_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		37850	38000	38150			
		Frequency (MHz)		2580	2595	2610			
20	QPSK	1	0	18.13	18.11	18.17	0	19.5	
		1	50	18.46	18.34	18.35	0	19.5	
		1	99	18.27	18.25	18.21	0	19.5	
		50	0	18.27	18.11	18.06	0	19.5	
		50	25	18.32	18.31	18.20	0	19.5	
		50	50	18.19	18.06	18.04	0	19.5	
		100	0	18.31	18.28	18.16	0	19.5	
		1	0	18.19	18.07	18.16	0	19.5	
		1	50	18.40	18.32	18.07	0	19.5	
		1	99	18.06	18.02	18.24	0	19.5	
	16QAM	50	0	18.37	18.18	18.18	0	19.5	
		50	25	18.46	18.35	18.36	0	19.5	
		50	50	18.22	18.14	18.19	0	19.5	
		100	0	18.28	18.31	18.19	0	19.5	
		1	0	18.24	18.20	18.19	0	19.5	
		1	50	18.05	18.00	18.09	0	19.5	
		1	99	18.09	18.05	18.16	0	19.5	
		50	0	18.18	18.04	18.01	0	19.5	
		50	25	18.30	18.21	18.29	0	19.5	
		50	50	18.08	18.11	18.27	0	19.5	
	64QAM	100	0	18.13	18.23	18.06	0	19.5	
		Channel		37825	38000	38175	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Frequency (MHz)		2577.5	2595	2612.5			
		15	QPSK	1	0				0
1				37				0	19.5
1				74				0	19.5
36				0				0	19.5
36				19				0	19.5
36				39				0	19.5
75				0				0	19.5
1	0						0	19.5	
1	37						0	19.5	
1	74						0	19.5	
16QAM	36		0				0.5	23	
	36		19				0.5	23	
	36		39				0.5	23	
	75		0				0.5	23	
	1		0				0.5	23	
	1		37				0.5	23	
	1		74				0.5	23	
	36		0				1.5	22	
	36		19				1.5	22	
	36		39				1.5	22	
64QAM	75		0				1.5	22	
	Channel		37800	38000	38200	3GPP MPR (dB)	Max. Tune-up (dBm)		
	Frequency (MHz)		2575	2595	2615				
	10		QPSK	1	0				0
		1		24				0	19.5
		1		49				0	19.5
		25		0				0	19.5
		25		12				0	19.5
		25		25				0	19.5
		50		0				0	19.5
1		0					0	19.5	
1</									

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LTE Band 41_Ant0											
BW [MHz]	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel	Frequency (MHz)	39750	40185	40620	41055	41490			
20	QPSK	1	0	23.34	23.11	22.83	22.84	22.61	0	23.5	
		1	50	23.43	23.16	22.97	22.95	22.64	0	23.5	
		1	99	23.12	22.82	22.70	22.74	22.41	0	23.5	
		50	0	23.01	22.72	22.65	22.48	22.40	0	23.5	
		50	25	23.08	22.88	22.79	22.77	22.64	0	23.5	
		50	50	23.02	22.67	22.62	22.54	22.39	0	23.5	
		100	0	23.07	22.84	22.71	22.65	22.51	0	23.5	
		1	0	23.02	22.89	22.53	22.53	22.34	0	23.5	
		1	50	23.23	22.94	22.81	22.69	22.38	0	23.5	
		1	99	22.84	22.60	22.52	22.58	22.20	0	23.5	
	16QAM	50	0	22.51	22.31	22.07	22.15	21.94	0.5	23	
		50	25	22.54	22.31	22.25	22.14	21.94	0.5	23	
		50	50	22.43	22.11	22.12	22.05	21.68	0.5	23	
		100	0	22.56	22.22	22.09	22.18	21.92	0.5	23	
		64QAM	1	0	22.28	22.23	22.10	22.03	21.97	0.5	23
			1	50	22.24	22.08	22.08	22.13	21.93	0.5	23
			1	99	22.06	21.97	21.99	21.88	22.08	0.5	23
			50	0	21.58	21.49	21.21	21.25	21.04	1.5	22
			50	25	21.64	21.47	21.27	21.27	20.97	1.5	22
			50	50	21.69	21.24	21.17	21.20	20.96	1.5	22
100	0		21.48	21.40	21.10	21.23	20.85	1.5	22		
BW [MHz]	Modulation		Channel	39725	40172.5	40620	41067.5	41515	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	2903.5	2548.25	2593	2637.75	2682.5	0	23.5	
15	QPSK		1	0						0	23.5
		1	37						0	23.5	
		1	74						0	23.5	
		36	0						0	23.5	
		36	19						0	23.5	
		36	39						0	23.5	
		75	0						0	23.5	
		16QAM	1	0						0.5	23
			1	37						0.5	23
			1	74						0.5	23
	36		0						0.5	23	
	36		19						0.5	23	
	36		39						0.5	23	
	75		0						0.5	23	
	64QAM		1	0						1.5	22
			1	37						1.5	22
			1	74						1.5	22
		36	0						1.5	22	
		36	19						1.5	22	
		36	39						1.5	22	
75		0						1.5	22		
BW [MHz]		Modulation	Channel	39750	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	2901	2547	2593	2639	2685	0	23.5	
10		QPSK	1	0						0	23.5
	1		24						0	23.5	
	1		49						0	23.5	
	25		0						0	23.5	
	25		12						0	23.5	
	25		25						0	23.5	
	50		0						0	23.5	
	16QAM		1	0						0.5	23
			1	24						0.5	23
			1	49						0.5	23
		25	0						0.5	23	
		25	12						0.5	23	
		25	25						0.5	23	
		50	0						0.5	23	
		64QAM	1	0						1.5	22
			1	24						1.5	22
			1	49						1.5	22
	25		0						1.5	22	
	25		12						1.5	22	
	25		25						1.5	22	
50	0							1.5	22		
BW [MHz]	Modulation		Channel	39675	40147.5	40620	41092.5	41565	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	2488.5	2545.75	2593	2640.25	2687.5	0	23.5	
5	QPSK		1	0						0	23.5
		1	12						0	23.5	
		1	24						0	23.5	
		12	0						0	23.5	
		12	6						0	23.5	
		12	13						0	23.5	
		25	0						0	23.5	
		1	0						0	23.5	
		16QAM	1	12						0.5	23
			1	24						0.5	23
	12		0						0.5	23	
	12		6						0.5	23	
	12		13						0.5	23	
	25		0						0.5	23	
	25		0						0.5	23	
	25		0						0.5	23	
	64QAM		1	0						1.5	22
			1	12						1.5	22
		1	24						1.5	22	
		12	0						1.5	22	
12		6						1.5	22		
12		13						1.5	22		
25		0						1.5	22		
25		0						1.5	22		
25		0						1.5	22		

LTE Band 41_Ant1											
BW [MHz]	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel	Frequency (MHz)	39750	40185	40620	41055	41490			
20	QPSK	1	0	18.69	18.96	18.47	18.45	18.21	0	19.5	
		1	50	18.92	18.99	18.51	18.54	18.28	0	19.5	
		1	99	18.76	18.73	18.32	18.25	17.96	0	19.5	
		50	0	18.42	18.59	18.19	18.17	17.94	0	19.5	
		50	25	18.61	18.72	18.48	18.20	18.11	0	19.5	
		50	50	18.46	18.51	18.25	18.15	17.82	0	19.5	
		100	0	18.63	18.73	18.33	18.13	17.89	0	19.5	
		1	0	18.51	18.72	18.31	18.27	17.96	0	19.5	
		1	50	18.64	18.78	18.24	18.39	18.04	0	19.5	
		1	99	18.47	18.38	18.08	18.14	17.74	0	19.5	
	16QAM	50	0	18.65	18.80	18.34	18.25	18.13	0	19.5	
		50	25	18.65	18.78	18.41	18.33	18.19	0	19.5	
		50	50	18.63	18.61	18.25	18.26	17.94	0	19.5	
		100	0	18.58	18.76	18.32	18.27	18.02	0	19.5	
		64QAM	1	0	18.28	18.40	18.41	18.28	18.11	0	19.5
			1	50	18.47	18.52	18.30	18.39	18.08	0	19.5
			1	99	18.11	18.51	18.21	18.15	18.03	0	19.5
			50	0	18.63	18.88	18.40	18.41	18.29	0	19.5
			50	25	18.75	18.94	18.50	18.45	18.18	0	19.5
			50	50	18.76	18.71	18.32	18.31	18.06	0	19.5
100	0		18.65	18.82	18.35	18.39	18.11	0	19.5		
BW [MHz]	Modulation		Channel	39725	40172.5	40620	41067.5	41515	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	2903.5	2548.25	2593	2637.75	2682.5	0	23.5	
15	QPSK		1	0						0	19.5
		1	37						0	19.5	
		1	74						0	19.5	
		36	0						0	19.5	
		36	19						0	19.5	
		36	39						0	19.5	
		75	0						0	19.5	
		16QAM	1	0						0.5	19.5
			1	37						0.5	19.5
			1	74						0.5	19.5
	36		0						0.5	19.5	
	36		19						0.5	19.5	
	36		39						0.5	19.5	
	75		0						0.5	19.5	
	64QAM		1	0						1.5	19.5
			1	37						1.5	19.5
			1	74						1.5	19.5
		36	0						1.5	19.5	
		36	19						1.5	19.5	
		36	39						1.5	19.5	
75		0						1.5	19.5		
BW [MHz]		Modulation	Channel	39750	40160	40620	41080	41540	3GPP MPR (dB)	Max. Tune-up (dBm)	
			Frequency (MHz)	2901	2547	2593	2639	2685	0	23.5	
10		QPSK	1	0						0	19.5
	1		24						0	19.5	
	1		49						0	19.5	
	25		0						0	19.5	
	25		12						0	19.5	
	25		25						0	19.5	
	50		0						0	19.5	
	16QAM		1	0						0.5	19.5
			1	24						0.5	19.5
			1	49						0.5	19.5
		25	0						0.5	19.5	
		25	12						0.5	19.5	

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LTE Band 66_Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		132072	132322	132572			
		Frequency (MHz)		1720	1745	1770			
20	QPSK	1	0	19.90	19.87	19.78	0	20.5	
		1	50	20.15	20.09	20.02	0	20.5	
		1	99	19.99	19.92	19.90	0	20.5	
		50	0	19.79	19.82	19.74	0	20.5	
		50	25	20.06	19.99	19.97	0	20.5	
		50	50	20.00	19.93	19.84	0	20.5	
	100	0	19.90	19.75	19.60	0	20.5		
	16QAM	1	0	19.88	19.73	19.87	0	20.5	
		1	50	20.11	20.11	19.99	0	20.5	
		1	99	20.01	19.97	20.04	0	20.5	
		50	0	19.80	19.93	19.72	0	20.5	
		50	25	19.83	19.79	19.89	0	20.5	
		50	50	19.87	19.80	19.75	0	20.5	
	100	0	19.85	19.82	19.88	0	20.5		
	64QAM	1	0	19.92	19.82	19.87	0	20.5	
		1	50	19.94	19.84	19.86	0	20.5	
		1	99	19.98	19.94	19.80	0	20.5	
		50	0	19.78	19.82	19.84	0	20.5	
		50	25	20.00	19.91	19.94	0	20.5	
		50	50	19.93	19.91	19.94	0	20.5	
	100	0	19.90	19.85	19.82	0	20.5		
	15	QPSK	1	0				0	20.5
			1	37				0	20.5
			1	74				0	20.5
36			0				0	20.5	
36			19				0	20.5	
36			39				0	20.5	
75		0				0	20.5		
16QAM		1	0				0	20.5	
		1	37				0	20.5	
		1	74				0	20.5	
		36	0				0	20.5	
		36	19				0	20.5	
		36	39				0	20.5	
75		0				0	20.5		
64QAM		1	0				0	20.5	
		1	37				0	20.5	
		1	74				0	20.5	
		36	0				0	20.5	
		36	19				0	20.5	
		36	39				0	20.5	
75		0				0	20.5		
10		QPSK	1	0				0	20.5
			1	24				0	20.5
			1	49				0	20.5
	25		0				0	20.5	
	25		12				0	20.5	
	25		25				0	20.5	
	50	0				0	20.5		
	16QAM	1	0				0	20.5	
		1	24				0	20.5	
		1	49				0	20.5	
		25	0				0	20.5	
		25	12				0	20.5	
		25	25				0	20.5	
	50	0				0	20.5		
	64QAM	1	0				0	20.5	
		1	24				0	20.5	
		1	49				0	20.5	
		25	0				0	20.5	
		25	12				0	20.5	
		25	25				0	20.5	
	50	0				0	20.5		
	5	QPSK	1	0				0	20.5
			1	12				0	20.5
			1	24				0	20.5
12			0				0	20.5	
12			6				0	20.5	
12			13				0	20.5	
25		0				0	20.5		
16QAM		1	0				0	20.5	
		1	12				0	20.5	
		1	24				0	20.5	
		12	0				0	20.5	
		12	6				0	20.5	
		12	13				0	20.5	
25		0				0	20.5		
64QAM		1	0				0	20.5	
		1	12				0	20.5	
		1	24				0	20.5	
		12	0				0	20.5	
		12	6				0	20.5	
		12	13				0	20.5	
25		0				0	20.5		
3		QPSK	1	0				0	20.5
			1	7				0	20.5
			1	14				0	20.5
	8		0				0	20.5	
	8		3				0	20.5	
	8		7				0	20.5	
	15	0				0	20.5		
	16QAM	1	0				0	20.5	
		1	7				0	20.5	
		1	14				0	20.5	
		8	0				0	20.5	
		8	3				0	20.5	
		8	7				0	20.5	
	15	0				0	20.5		
	64QAM	1	0				0	20.5	
		1	7				0	20.5	
		1	14				0	20.5	
		8	0				0	20.5	
		8	3				0	20.5	
		8	7				0	20.5	
	15	0				0	20.5		
	1.4	QPSK	1	0				0	20.5
			1	2				0	20.5
			1	5				0	20.5
3			0				0	20.5	
3			1				0	20.5	
3			3				0	20.5	
6		0				0	20.5		
16QAM		1	0				0	20.5	
		1	2				0	20.5	
		1	5				0	20.5	
		3	0				0	20.5	
		3	1				0	20.5	
		3	3				0	20.5	
6		0				0	20.5		
64QAM		1	0				0	20.5	
		1	2				0	20.5	
		1	5				0	20.5	
		3	0				0	20.5	
		3	1				0	20.5	
		3	3				0	20.5	
6		0				0	20.5		

LTE Band 66_Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)	
		Channel		132072	132322	132572			
		Frequency (MHz)		1720	1745	1770			
20	QPSK	1	0	17.55	17.37	17.42	0	18	
		1	50	17.76	17.62	17.55	0	18	
		1	99	17.54	17.45	17.43	0	18	
		50	0	17.31	17.40	17.22	0	18	
		50	25	17.66	17.41	17.31	0	18	
		50	50	17.58	17.35	17.24	0	18	
	100	0	17.49	17.45	17.38	0	18		
	16QAM	1	0	17.44	17.31	17.39	0	18	
		1	50	17.73	17.55	17.54	0	18	
		1	99	17.56	17.49	17.36	0	18	
		50	0	17.45	17.57	17.53	0	18	
		50	25	17.64	17.58	17.40	0	18	
		50	50	17.60	17.45	17.43	0	18	
	100	0	17.58	17.52	17.40	0	18		
	64QAM	1	0	17.53	17.45	17.43	0	18	
		1	50	17.69	17.67	17.61	0	18	
		1	99	17.53	17.57	17.51	0	18	
		50	0	17.38	17.47	17.41	0	18	
		50	25	17.51	17.58	17.48	0	18	
		50	50	17.57	17.42	17.49	0	18	
	100	0	17.58	17.42	17.44	0	18		
	15	QPSK	1	0				0	18
			1	37				0	18
			1	74				0	18
36			0				0	18	
36			19				0	18	
36			39				0	18	
75		0				0	18		
16QAM		1	0				0	18	
		1	37				0	18	
		1	74				0	18	
		36	0				0	18	
		36	19				0	18	
		36	39				0	18	
75		0				0	18		
64QAM		1	0				0	18	
		1	37				0	18	
		1	74				0	18	
		36	0				0	18	
		36	19				0	18	
		36	39				0	18	
75		0				0	18		
10		QPSK	1	0				0	18
			1	24				0	18
			1	49				0	18
	25		0				0	18	
	25		12				0	18	
	25		25				0	18	
	50	0				0	18		
	16QAM	1	0				0	18	
		1	24				0	18	
		1	49				0	18	
		25	0				0	18	
		25	12				0	18	
		25	25				0	18	
	50	0				0	18		
	64QAM	1	0				0	18	
		1	24				0	18	
		1	49				0	18	
		25	0				0	18	
		25	12				0	18	
		25	25				0	18	
	50	0				0	18		
	5	QPSK	1	0				0	18
			1	12				0	18
			1	24				0	18
12			0				0	18	
12			6				0	18	
12			13				0	18	
25		0				0	18		
16QAM		1	0				0	18	
		1	12				0	18	
		1	24						

Default Power

2.4GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.89	20.50
		6	2437	15.97	20.50
		11	2462	18.74	20.50
	802.11g 6Mbps	1	2412	16.69	18.50
		6	2437	16.52	18.50
		11	2462	16.49	17.50
802.11n-HT20 MCS0	1	2412	15.20	16.50	
	6	2437	16.04	17.50	
	11	2462	15.89	17.50	

5GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.80	19.50
		40	5200	17.84	19.50
		44	5220	17.86	19.50
		48	5240	18.43	19.50
		52	5260	18.25	17.50
	802.11n-HT20 MCS0	36	5180	16.25	17.50
		40	5200	17.01	18.50
		44	5220	16.71	18.50
		48	5240	16.83	18.50
		52	5260	16.40	17.50
	802.11n-HT40 MCS0	36	5180	15.40	17.50
		46	5230	16.77	18.50
		36	5180	15.97	17.50
	802.11ac-VHT20 MCS0	40	5200	15.83	17.50
		44	5220	15.77	17.50
		48	5240	15.82	17.50
	802.11ac-VHT40 MCS0	38	5190	15.30	16.50
		46	5230	15.32	16.50
802.11ac-VHT80 MCS0	42	5210	15.17	16.50	

5GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.74	19.50
		56	5280	17.68	19.50
		60	5300	17.85	19.50
		64	5320	17.67	19.50
		52	5260	18.76	18.50
		56	5280	16.71	18.50
	802.11n-HT20 MCS0	64	5320	16.79	18.50
		54	5270	16.85	18.50
		62	5310	16.82	18.50
	802.11ac-VHT20 MCS0	52	5260	15.85	17.50
		56	5280	15.78	17.50
		60	5300	15.90	17.50
	802.11ac-VHT40 MCS0	64	5320	15.89	17.50
		54	5270	15.35	16.50
	802.11ac-VHT80 MCS0	62	5310	15.44	16.50
	802.11ac-VHT80 MCS0	58	5290	14.85	16.50

5GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	17.67	19.50
		116	5580	17.67	19.50
		124	5620	17.72	19.50
		132	5660	17.75	19.50
		140	5700	14.37	15.50
		144	5720	17.79	19.50
		100	5500	16.74	18.50
		116	5580	16.48	17.50
		124	5620	16.55	18.50
		132	5660	16.64	18.50
	802.11n-HT20 MCS0	140	5700	14.68	16.50
		144	5720	16.76	18.50
		102	5510	16.72	18.50
		110	5550	16.81	18.50
		126	5630	15.68	16.50
		134	5670	16.77	18.50
		142	5710	16.37	17.50
		100	5500	15.64	17.50
		116	5580	15.71	17.50
		124	5620	15.73	17.50
	802.11ac-VHT20 MCS0	132	5660	15.84	17.50
		140	5700	15.02	16.50
		144	5720	15.60	17.50
		102	5510	15.25	16.50
	802.11ac-VHT40 MCS0	110	5550	15.15	16.50
		126	5630	15.28	16.50
		134	5670	15.31	16.50
		142	5710	15.32	16.50
	802.11ac-VHT80 MCS0	106	5530	14.88	16.50
		122	5610	14.92	16.50
138		5690	15.04	16.50	

5GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	17.68	19.50
		157	5785	17.79	19.50
		165	5825	18.62	19.50
	802.11n-HT20 MCS0	149	5745	16.36	17.50
		157	5785	16.67	18.50
		165	5825	16.62	18.50
	802.11n-HT40 MCS0	151	5755	15.30	17.50
		159	5795	16.58	18.50
		149	5745	15.58	17.50
	802.11ac-VHT20 MCS0	157	5785	15.71	17.50
		165	5825	15.54	17.50
		151	5755	15.27	16.50
802.11ac-VHT40 MCS0	159	5795	15.36	16.50	
	165	5825	14.99	16.50	

BT					
BT	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit
BLE	1M	0	2402	7.43	10.00
		19	2440	7.37	10.00
		39	2480	7.31	10.00
		0	2404	7.50	10.00
		19	2440	7.38	10.00
	2M	39	2480	7.62	10.00
		0	2402	7.34	10.00
		19	2440	7.46	10.00
		39	2480	7.30	10.00
		0	2402	7.50	10.00
S2	19	2440	7.65	10.00	
	39	2480	7.52	10.00	
	0	2402	7.50	10.00	
	19	2440	7.65	10.00	
	39	2480	7.52	10.00	
BREDR	GFSK	0	2402	11.08	12.50
		39	2441	11.75	13.50
		78	2480	10.21	11.50
		0	2402	8.05	10.50
		39	2441	8.98	10.50
	DQPSK	78	2480	7.07	8.50
		0	2402	8.50	10.50
		39	2441	8.39	9.50
		78	2480	6.81	8.50
		0	2402	8.50	10.50

Full

2.4GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
802.11a 1Mbps	1	2412	18.05	19.50	
	6	2437	18.01	19.50	
	11	2462	17.97	19.50	
802.11g 6Mbps	1	2412	18.05	19.50	
	6	2437	18.01	19.50	
	11	2462	17.97	19.50	
802.11n-HT20 MCS0	1	2412	18.05	19.50	
	6	2437	18.01	19.50	
	11	2462	17.97	19.50	

DSI-1

2.4GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
802.11a 1Mbps	1	2412	13.48	14.50	
	6	2437	13.40	14.50	
	11	2462	13.36	14.50	
802.11g 6Mbps	1	2412	13.48	14.50	
	6	2437	13.40	14.50	
	11	2462	13.36	14.50	
802.11n-HT20 MCS0	1	2412	13.48	14.50	
	6	2437	13.40	14.50	
	11	2462	13.36	14.50	

DSI-5

2.4GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
802.11a 1Mbps	1	2412	18.05	19.50	
	6	2437	18.01	19.50	
	11	2462	17.97	19.50	
802.11g 6Mbps	1	2412	18.05	19.50	
	6	2437	18.01	19.50	
	11	2462	17.97	19.50	
802.11n-HT20 MCS0	1	2412	18.05	19.50	
	6	2437	18.01	19.50	
	11	2462	17.97	19.50	

5GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	12.75	14.50	
	40	5200	12.83	14.50	
	44	5220	12.79	14.50	
802.11n-HT20 MCS0	48	5240	12.86	14.50	
	36	5180	12.80	14.50	
	40	5200	12.80	14.50	
802.11n-HT40 MCS0	44	5220	14.50	14.50	
	48	5240	14.50	14.50	
	38	5190	14.50	14.50	
802.11ac-VHT20 MCS0	46	5230	14.50	14.50	
	36	5180	14.50	14.50	
	40	5200	14.50	14.50	
802.11ac-VHT40 MCS0	44	5220	14.50	14.50	
	48	5240	14.50	14.50	
	38	5190	14.50	14.50	
802.11ac-VHT80 MCS0	46	5230	14.50	14.50	
	38	5190	14.50	14.50	
	42	5210	14.50	14.50	

5GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	9.15	10.50	
	40	5200	9.13	10.50	
	44	5220	9.07	10.50	
802.11n-HT20 MCS0	48	5240	9.19	10.50	
	36	5180	9.15	10.50	
	40	5200	9.15	10.50	
802.11n-HT40 MCS0	44	5220	10.50	10.50	
	48	5240	10.50	10.50	
	38	5190	10.50	10.50	
802.11ac-VHT20 MCS0	46	5230	10.50	10.50	
	36	5180	10.50	10.50	
	40	5200	10.50	10.50	
802.11ac-VHT40 MCS0	44	5220	10.50	10.50	
	48	5240	10.50	10.50	
	38	5190	10.50	10.50	
802.11ac-VHT80 MCS0	46	5230	10.50	10.50	
	38	5190	10.50	10.50	
	42	5210	10.50	10.50	

5GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	12.35	14.00	
	40	5200	12.33	14.00	
	44	5220	12.38	14.00	
802.11n-HT20 MCS0	48	5240	12.45	14.00	
	36	5180	12.40	14.00	
	40	5200	12.40	14.00	
802.11n-HT40 MCS0	44	5220	14.00	14.00	
	48	5240	14.00	14.00	
	38	5190	14.00	14.00	
802.11ac-VHT20 MCS0	46	5230	14.00	14.00	
	36	5180	14.00	14.00	
	40	5200	14.00	14.00	
802.11ac-VHT40 MCS0	44	5220	14.00	14.00	
	48	5240	14.00	14.00	
	38	5190	14.00	14.00	
802.11ac-VHT80 MCS0	46	5230	14.00	14.00	
	38	5190	14.00	14.00	
	42	5210	14.00	14.00	

5GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	12.85	14.50	
	56	5280	12.88	14.50	
	60	5300	12.82	14.50	
802.11n-HT20 MCS0	64	5320	12.86	14.50	
	52	5260	14.50	14.50	
	56	5280	14.50	14.50	
802.11n-HT40 MCS0	60	5300	14.50	14.50	
	64	5320	14.50	14.50	
	54	5270	14.50	14.50	
802.11ac-VHT20 MCS0	62	5290	14.50	14.50	
	52	5260	14.50	14.50	
	56	5280	14.50	14.50	
802.11ac-VHT40 MCS0	60	5300	14.50	14.50	
	64	5320	14.50	14.50	
	54	5270	14.50	14.50	
802.11ac-VHT80 MCS0	62	5290	14.50	14.50	
	56	5280	14.50	14.50	
	58	5290	14.50	14.50	

5GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	9.15	10.50	
	56	5280	9.17	10.50	
	60	5300	9.18	10.50	
802.11n-HT20 MCS0	64	5320	9.12	10.50	
	52	5260	10.50	10.50	
	56	5280	10.50	10.50	
802.11n-HT40 MCS0	60	5300	10.50	10.50	
	64	5320	10.50	10.50	
	54	5270	10.50	10.50	
802.11ac-VHT20 MCS0	62	5290	10.50	10.50	
	52	5260	10.50	10.50	
	56	5280	10.50	10.50	
802.11ac-VHT40 MCS0	60	5300	10.50	10.50	
	64	5320	10.50	10.50	
	54	5270	10.50	10.50	
802.11ac-VHT80 MCS0	62	5290	10.50	10.50	
	56	5280	10.50	10.50	
	58	5290	10.50	10.50	

5GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	12.39	14.00	
	56	5280	12.44	14.00	
	60	5300	12.48	14.00	
802.11n-HT20 MCS0	64	5320	12.46	14.00	
	52	5260	14.00	14.00	
	56	5280	14.00	14.00	
802.11n-HT40 MCS0	60	5300	14.00	14.00	
	64	5320	14.00	14.00	
	54	5270	14.00	14.00	
802.11ac-VHT20 MCS0	62	5290	14.00	14.00	
	52	5260	14.00	14.00	
	56	5280	14.00	14.00	
802.11ac-VHT40 MCS0	60	5300	14.00	14.00	
	64	5320	14.00	14.00	
	54	5270	14.00	14.00	
802.11ac-VHT80 MCS0	62	5290	14.00	14.00	
	56	5280	14.00	14.00	
	58	5290	14.00	14.00	

5GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	12.49	14.00	
	116	5580	12.50	14.00	
	124	5620	12.55	14.00	
802.11n-HT20 MCS0	132	5660	12.87	14.50	
	140	5700	12.83	14.50	
	144	5720	12.72	14.50	
802.11n-HT40 MCS0	100	5500	14.50	14.50	
	116	5580	14.50	14.50	
	124	5620	14.50	14.50	
802.11ac-VHT20 MCS0	132	5660	14.50	14.50	
	140	5700	14.50	14.50	
	144	5720	14.50	14.50	
802.11ac-VHT40 MCS0	102	5510	14.50	14.50	
	110	5550	14.50	14.50	
	126	5630	14.50	14.50	
802.11ac-VHT80 MCS0	134	5670	14.50	14.50	
	142	5710	14.50	14.50	
	100	5500	14.50	14.50	
802.11a 6Mbps	116	5580	14.50	14.50	
	124	5620	14.50	14.50	
	132	5660	14.50	14.50	
802.11n-HT20 MCS0	140	5700	14.50	14.50	
	144	5720	14.50	14.50	
	102	5510	14.50	14.50	
802.11n-HT40 MCS0	110	5550	14.50	14.50	
	126	5630	14.50	14.50	
	134	5670	14.50	14.50	
802.11ac-VHT20 MCS0	142	5710	14.50	14.50	
	100	5500	14.50	14.50	
	116	5580	14.50	14.50	
802.11ac-VHT40 MCS0	124	5620	14.50	14.50	
	132	5660	14.50	14.50	
	140	5700	14.50	14.50	
802.11ac-VHT80 MCS0	144	5720	14.50	14.50	
	102	5510	14.50	14.50	
	110	5550	14.50	14.50	
802.11a 6Mbps	126	5630	14.50	14.50	
	134	5670	14.50	14.50	
	142	5710	14.50	14.50	
802.11n-HT20 MCS0	106	5530	14.50	14.50	
	122	5610	14.50	14.50	
	138	5690	14.50	14.50	

5GHz WLAN					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	8.37	10.00	
	116	5580	8.38	10.00	
	124	5620	8.44	10.00	
802.11n-HT20 MCS0	132	5660	8.48	10.00	
	140	5700	8.43	10.00	
	144	5720	8.41	10.00	
802.11n-HT40 MCS0	100	5500	10.00	10.00	
	116	5580	10.00	10.00	
	124	5620	10.00	10.00	
802.11ac-VHT20 MCS0	132	5660	10.00	10.00	
	140	5700	10.00	10.00	
	144	5720	10.00	10.00	
802.11ac-VHT40 MCS0	102	5510	10.00	10.00	



BUREAU
VERITAS



Appendix E. Photographs of EUT and Setup