SAR TEST REPORT

No. 25T04Z100699-016

For

TCL Communication Ltd.

Tablet PC

Model Name: 8189S

with

Hardware Version: 03

Software Version: 4PA5

FCC ID: 2ACCJB233

Issued Date: 2025-06-27

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of CTTL.

Test Laboratory:

CTTL, Telecommunication Technology Labs, CAICT

No. 52, Huayuan North Road, Haidian District, Beijing, P. R. China 100191.

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REPORT HISTORY

Report Number	Revision	Issue Date	Description
25T04Z100699-016	Rev.0	2025-06-19	Initial creation of test report
25T04Z100699-016	Rev.1	2025-06-27	Update the information for section 4.1.

TABLE OF CONTENT

1 Test Laboratory

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2017 accredited test laboratory under American Association for Laboratory Accreditation (A2LA) with lab code 7049.01, and is also an FCC accredited test laboratory (CN1349), and ISED accredited test laboratory (CAB identifier:CN0066). The detail accreditation scope can be found on A2LA website.

1.2. Testing Location

Location 1: CTTL(huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing, P. R. China 100191

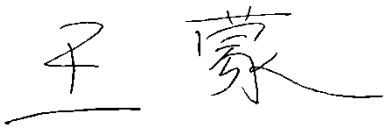
1.3. Testing Environment

Normal Temperature:	18-25℃
Relative Humidity:	30-70%

1.4. Project data

Testing Start Date:	2025-05-05
Testing End Date:	2025-06-04

1.5. Signature

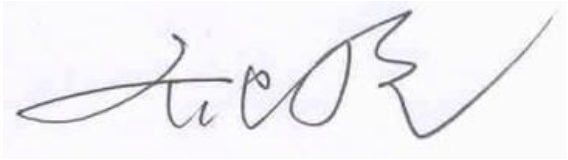


Wang Meng

(Prepared this test report)

Lin Jun

(Reviewed this test report)



Qi Dianyuan

Deputy Director of the laboratory

(Approved this test report)

2 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for TCL Communication Ltd. Tablet PC 8189S are as follows:

Table 2.1: Highest Reported SAR (1g)

Band	Antenna	**Highest Reported SAR (1g)**
		1g SAR Body
GSM 850	ANT0	1.08
PCS 1900	ANT0	0.58
WCDMA1900	ANT0	0.83
WCDMA1700	ANT0	0.73
WCDMA850	ANT0	0.97
LTE Band 2	ANT0	1.06
LTE Band 2	ANT2	0.48
LTE Band 5	ANT0	1.16
LTE Band 7	ANT3	0.92
LTE Band 12/17	ANT0	0.91
LTE Band 13	ANT0	1.18
LTE Band 14	ANT0	0.87
LTE Band 25	ANT0	1.13
LTE Band 26	ANT0	1.16
LTE Band 30	ANT3	1.10
LTE Band 41 PC3	ANT3	0.53
LTE Band 41 PC2	ANT3	0.70
LTE Band 48	ANT5	0.61
LTE Band 4/66	ANT0	0.87
LTE Band 66	ANT2	0.48
LTE Band 71	ANT0	0.87
N2	ANT0	0.88
N2	ANT2	0.57
N5	ANT0	1.14
N12	ANT0	1.03
N14	ANT1	0.82
N25	ANT0	0.89
N25	ANT2	0.56
N30	ANT3	0.83
N41	ANT3	1.05
N48	ANT5	0.95
N66	ANT0	0.65
N66	ANT2	0.39
N71	ANT0	1.00
N77-L	ANT5	0.77
N77-H	ANT5	0.73
WLAN 2.4 GHz	ANT7	1.05
WLAN 5 GHz	ANT7	0.62

BT	ANT7	0.23

Note1: The device have similar frequency in some LTE bands ： LTE Band12/17, LTE Band4/66 since the supported frequency spans for the smaller LTE bands are completely cover by the larger LTE bands and the channel bandwidth and other operating parameters for the smaller band be fully supported by the larger band, therefore, only larger LTE bands were required to be tested for SAR.

The SAR values found for the Mobile Phone are below the maximum recommended levels of 1.6 W/kg as averaged over any 1g tissue according to the ANSI C95.1-1992.
For body operation, this device has been tested and meets FCC RF exposure guidelines when used with any accessory that contains no metal and which provides a minimum separation distance of 0 mm between this device and the body of the user. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.
The EUT battery must be fully charged and checked periodically during the test to ascertain uniform power output.
The measurement together with the test system set-up is described in annex C of this test report. A detailed description of the equipment under test can be found in chapter 4 of this test report. The highest reported SAR value is obtained at the case of **(Table 2.1),** and the values are**:**
Body: 1.18 W/kg(1g)

Table 2.2: Simultaneous Transmission-Body

	Position	**Main antenna**	**WiFi**	**BT**	**Sum**
Highest SAR value for Body	Rear 10mm	1.19 (DC_3A_n2A	0.12 (WiFi5G)	0.23	**1.54**

Note1: the test positions of above tables are for the worse case that have been evaluated.

According to the above tables, the highest sum of reported SAR values is **1.54 W/kg (1g)**. The detail for simultaneous transmission consideration is described in chapter 13.

Conclusion:
According to the above tables, the sum of reported SAR values is<1.6W/kg for 1g SAR. So the simultaneous transmission SAR with volume scans is not required.

3 Client Information

3.1 Applicant Information

Company Name:	TCL Communication Ltd.
Address/Post:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Contact Person:	Ting Wang
Contact Email:	ting.wang.hz@tcl.com
Telephone:	+86 752 2639091
Fax	/

3.2 Manufacturer Information

Company Name:	TCL Communication Ltd.
Address/Post:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Contact Person:	Ting Wang
Contact Email:	ting.wang.hz@tcl.com
Telephone:	+86 752 2639091
Fax	/

4 Equipment Under Test (EUT) and Ancillary Equipment (AE)

4.1 About EUT

Description:	Tablet PC
Model name:	8189S
Tested Band:	GSM850/1900, WCDMA B2/4/5 LTE Band:2/4/5/7/12/13/14/17/25/26/30/41/48/66/71 5G NR N2/5/12/14/25/30/41/48/66/71/77/78 BT, Wi-Fi(2.4G), Wi-Fi(5G)
Tx Frequency:	824 – 849 MHz (GSM 850)
	1850 – 1910 MHz (GSM 1900)
	824–849 MHz (WCDMA 850 Band V)
	1710 – 1755 MHz (WCDMA 1700 Band IV)
	1850–1910 MHz (WCDMA1900 Band II)
	1850 – 1910 MHz(LTE Band 2)
	1710 – 1755 MHz (LTE Band 4)
	824 – 849 MHz (LTE Band 5)
	2500 – 2570 MHz(LTE Band 7)
	699 – 716 MHz (LTE Band 12)
	777 –787 MHz (LTE Band 13)
	788 –798 MHz (LTE Band 14)
	704 –716 MHz (LTE Band 17)
	1850 – 1915 MHz(LTE Band 25)
	814 – 849 MHz (LTE Band 26)
	2305 – 2315 MHz (LTE Band 30)
	2496 – 2690 MHz (LTE Band 41)
	3550 – 3700 MHz (LTE Band 48)
	1710 – 1780 MHz (LTE Band 66)
	663 – 698 MHz (LTE Band 71)
	2412 – 2462 MHz (Wi-Fi 2.4G)
	5180 – 5240 MHz (UNII-1)
	5260 – 5320 MHz (UNII-2A)
	5500 – 5720 MHz (UNII-2C)
	5745 – 5825 MHz (UNII-3)
	2400 – 2483.5 MHz (Bluetooth)
	1850 – 1910 MHz(n2)
	824 – 849 MHz(n5)
	699 – 716 MHz (n12)
	788 –798 MHz (n14)
	1850 – 1915 MHz(n25)
	2305 – 2315 MHz (n30)
	2496 – 2690 MHz (n41)
	3550 – 3700 MHz (n48)
	1710– 1780 MHz (n66)
	663 – 698 MHz (n71)
	3450 – 3550 MHz (n77L)
	3700 – 3980 MHz (n77H)
	3450 – 3550 MHz (n78L)

	3700 – 3800 MHz (n78H)
GPRS/EGPRS Multislot Class:	12
Test device production information:	Production unit
Device type:	Portable device
Antenna type:	Integrated antenna

4.2 Internal Identification of EUT used during the test

EUT ID*	IMEI	HW Version	SW Version
EUT1	357684210036711/357684210036794		
EUT2	357684210036562/357684210036620		
EUT3	357684210036695/357684210036760		
EUT4	357684210044574/357684210044665		
EUT5	357684210038261/357684210038345		
EUT6	357684210036406/357684210036448		
EUT7	357684210036356/357684210036422		

*EUT ID: is used to identify the test sample in the lab internally.

Note: It is performed to test SAR with the EUT1~4 and conducted power with the EUT5~7.

4.3 Internal Identification of AE used during the test

AE ID*	Description	Model	SN	Manufacturer
AE1	Battery	TLp058D7	/	Dongguan Veken Battery Co., Ltd.

*AE ID: is used to identify the test sample in the lab internally.

5 TEST METHODOLOGY

5.1 Applicable Limit Regulations

ANSI C95.1–1992:IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.

It specifies the maximum exposure limit of **1.6 W/kg** as averaged over any 1 gram of tissue for portable devices being used within 20 cm of the user in the uncontrolled environment.

It specifies the maximum exposure limit of **4.0** W/kg as averaged over any 10 gram of tissue for portable devices being used within 20 cm of the user in the uncontrolled environment.

5.2 Applicable Measurement Standards

IEEE Std 1528–2013: Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques.

EN IEC/IEEE 62209-1528:2021 Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from head-held and body-mounted wireless communication devices (Frequency range of 4 MHz to 10 GHz)

5.3 KDB and Workshop Procedures

KDB447498 D01: General RF Exposure Guidance v06: Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies.

KDB648474 D04 Handset SAR v01r03: SAR Evaluation Considerations for Wireless Handsets.

KDB941225 D01 SAR test for 3G devices v03r01: SAR Measurement Procedures for 3G Devices

KDB941225 D05 SAR for LTE Devices v02r05: SAR Evaluation Considerations for LTE Devices

KDB941225 D06 Hotspot Mode SAR v02r01: SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities

KDB248227 D01 802.11 Wi-Fi SAR v02r02: SAR GUIDANCE FOR IEEE 802.11 (Wi-Fi) TRANSMITTERS

KDB865664 D01 SAR measurement 100 MHz to 6 GHz v01r04: SAR Measurement Requirements for 100 MHz to 6 GHz.

KDB865664 D02 RF Exposure Reporting v01r02: RF Exposure Compliance Reporting and Documentation Considerations

TCB Workshop April 27, 2022:RF Exposure Procedures

TCB Workshop Nov 2019:RF Exposure Policy Updates (5G NR NSA Sub 6G SAR)

6 Specific Absorption Rate (SAR)

6.1 Introduction

SAR is related to the rate at which energy is absorbed per unit mass in an object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and general population/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

6.2 SAR Definition

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ) . The equation description is as below:

$$SAR = \frac{d}{dt}\left(\frac{dW}{dm}\right) = \frac{d}{dt}\left(\frac{dW}{\rho dv}\right)$$

SAR is expressed in units of Watts per kilogram (W/kg)
SAR measurement can be either related to the temperature elevation in tissue by

$$SAR = c\left(\frac{\delta T}{\delta t}\right)$$

Where: C is the specific head capacity, δT is the temperature rise and δt is the exposure duration, or related to the electrical field in the tissue by

$$SAR = \frac{\sigma |E|^2}{\rho}$$

Where: σ is the conductivity of the tissue, ρ is the mass density of tissue and E is the RMS electrical field strength.

However for evaluating SAR of low power transmitter, electrical field measurement is typically applied.

7 Tissue Simulating Liquids

7.1 Targets for tissue simulating liquid

Table 7.1: Targets for tissue simulating liquid(frequency <3GHz)

Frequency(MHz)	Liquid Type	Conductivity(σ)	±5% Range	Permittivity(ε)	± 5% Range
750	Head	0.89	0.85～0.93	41.94	39.8～44.0
835	Head	0.90	0.86～0.95	41.5	39.4～43.6
1750	Head	1.37	1.30～1.44	40.08	38.1～42.1
1900	Head	1.40	1.33～1.47	40.0	38.0～42.0
2300	Head	1.67	1.58～1.75	39.47	37.5～41.4
2450	Head	1.80	1.62～1.98	39.2	35.28～43.12
2600	Head	1.96	1.76～2.16	39.01	35.11～42.91

Table 7.2: Targets for tissue simulating liquid(frequency >3GHz)

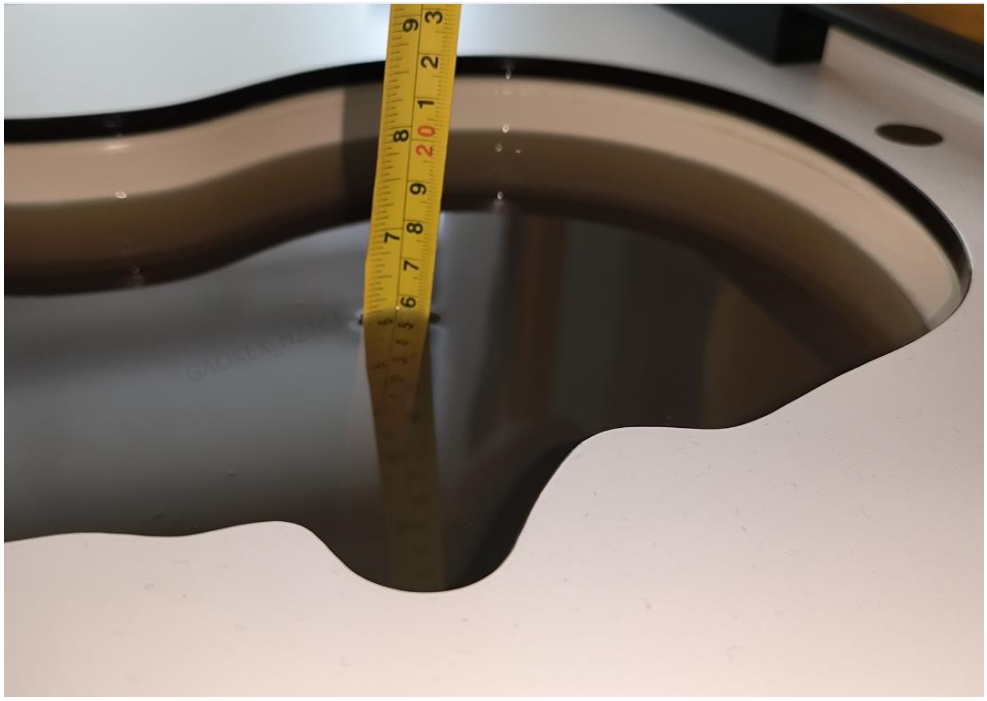
Frequency(MHz)	Liquid Type	Conductivity(σ)	± 5% Range	Permittivity(ε)	± 5% Range
3300	Head	2.71	2.57～2.85	38.2	36.29～40.11
3500	Head	2.91	2.76～3.06	37.93	36.03～39.83
3700	Head	3.22	3.06~3.38	37.6	35.72~39.48
3900	Head	3.32	3.15~3.49	37.5	35.63~39.38
4200	Head	3.63	3.45~3.81	37.1	35.25~38.96
5250	Head	4.71	4.47～4.95	35.93	34.13～37.73
5600	Head	5.07	4.82～5.32	35.53	33.8～37.3
5750	Head	5.22	4.96～5.48	35.36	33.59～37.13

7.2 Dielectric Performance

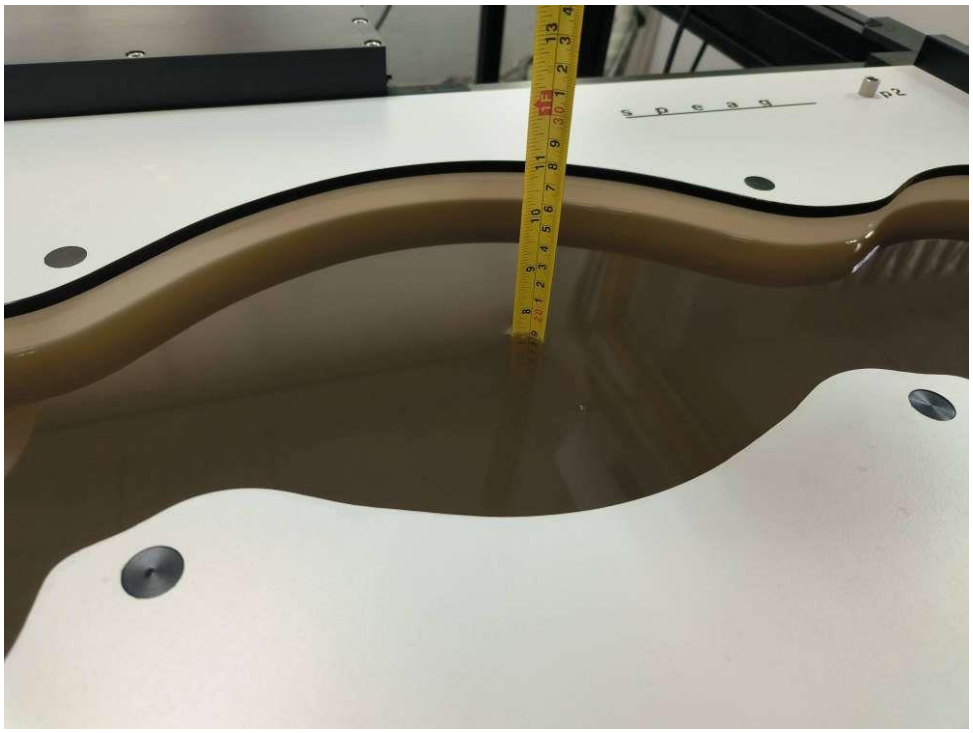
Table 7.3: Dielectric Performance of Tissue Simulating Liquid

Measurement Date (yyyy-mm-dd)	Type	Frequency	Permittivity ε	Drift (%)	Conductivity σ (S/m)	Drift (%)
2025/5/16	Head	750 MHz	43.30	3.24	0.868	-2.47
2025/5/17	Head	750 MHz	42.85	2.17	0.877	-1.46
2025/5/20	Head	835 MHz	42.95	3.49	0.904	0.44
2025/5/18	Head	1750 MHz	40.77	1.72	1.397	1.97
2025/5/26	Head	1900 MHz	40.51	1.28	1.433	2.36
2025/5/27	Head	1900 MHz	40.10	0.25	1.418	1.29
2025/5/22	Head	2300 MHz	39.33	-0.35	1.700	1.80
2025/5/30	Head	2450 MHz	39.13	-0.18	1.813	0.72
2025/5/29	Head	2600 MHz	39.25	0.62	1.956	-0.20
2025/5/5	Head	2600 MHz	38.85	-0.41	1.936	-1.22
2025/5/14	Head	3500 MHz	37.42	-1.34	2.846	-2.20
2025/5/15	Head	3700 MHz	37.02	-1.80	3.037	-2.66
2025/6/2	Head	3300 MHz	38.94	2.04	2.686	-0.89
2025/6/2	Head	3500 MHz	38.56	1.66	2.874	-1.24
2025/6/2	Head	3700 MHz	38.16	1.22	3.066	-1.73
2025/6/2	Head	3900 MHz	37.78	0.83	3.256	-1.93
2025/6/4	Head	5250 MHz	35.27	-1.84	4.745	0.74
2025/6/4	Head	5600 MHz	34.61	-2.59	5.131	1.20
2025/6/4	Head	5750 MHz	34.33	-2.91	5.307	1.67

Note: The liquid temperature is 22.0℃



Picture 1 Liquid depth in the Head Phantom

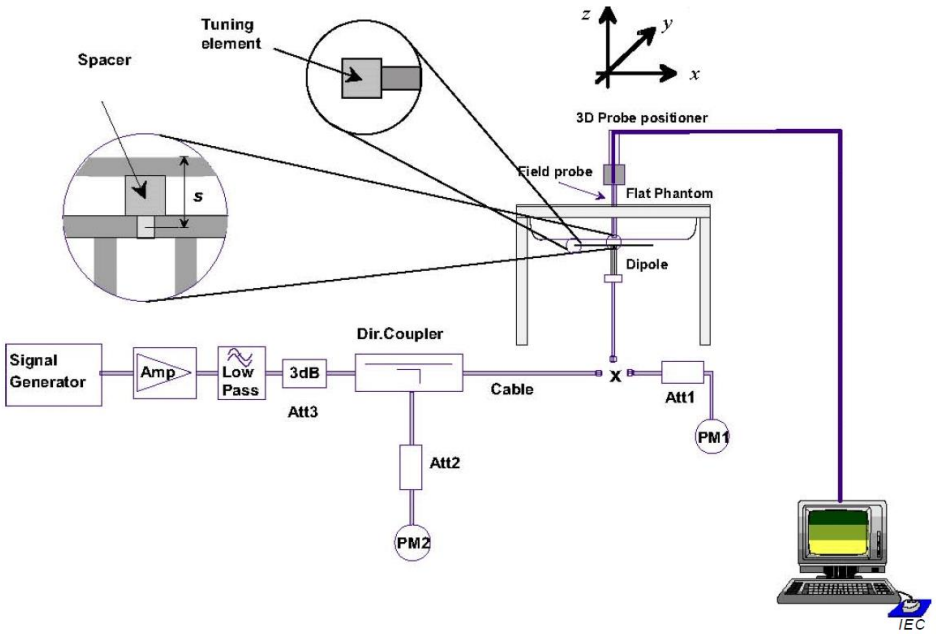


Picture 2 Liquid depth in the Flat Phantom

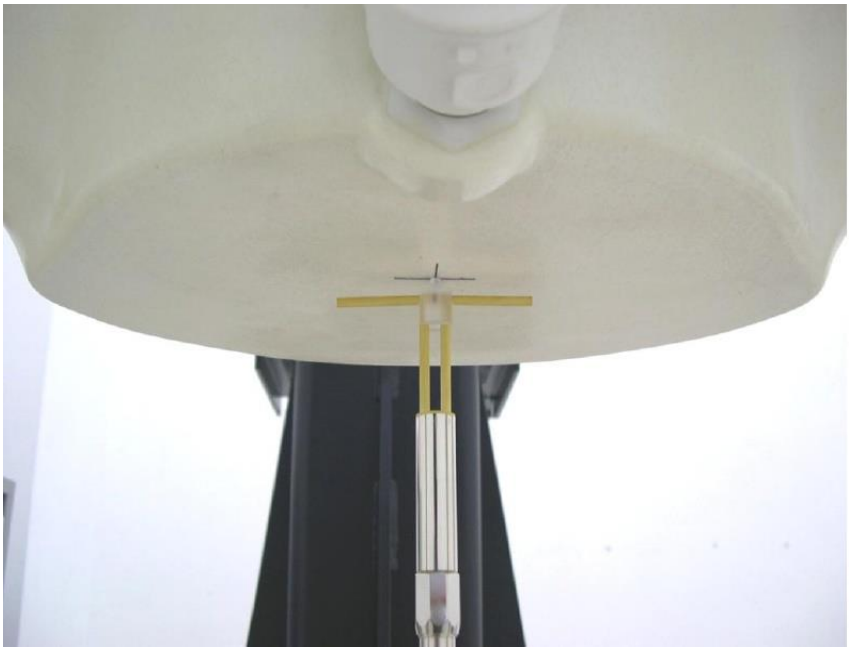
8 System verification

8.1 System Setup

In the simplified setup for system evaluation, the DUT is replaced by a calibrated dipole and the power source is replaced by a continuous wave that comes from a signal generator. The calibrated dipole must be placed beneath the flat phantom section of the SAM twin phantom with the correct distance holder. The distance holder should touch the phantom surface with a light pressure at the reference marking and be oriented parallel to the long side of the phantom. The equipment setup is shown below:



Picture 3 System Setup for System Evaluation



Picture 4 Photo of Dipole Setup

8.2 System Verification

SAR system verification is required to confirm measurement accuracy, according to the tissue dielectric media, probe calibration points and other system operating parameters required for measuring the SAR of a test device. The system verification must be performed for each frequency band and within the valid range of each probe calibration point required for testing the device.

Table 8.1: System Verification of Head

Measurement Date (yyyy-mm-dd)	Frequency	Target value (W/kg)		Measured value(W/kg)		Deviation	
		10 g Average	1 g Average	10 g Average	1 g Average	10 g Average	1 g Average
2025/5/16	750 MHz	5.53	8.52	5.72	8.64	3.44%	1.41%
2025/5/17	750 MHz	5.53	8.52	5.96	8.76	7.78%	2.82%
2025/5/20	835 MHz	6.09	9.47	6.32	9.56	3.78%	0.95%
2025/5/18	1750 MHz	19.8	37.2	19.3	36.3	-2.42%	-2.47%
2025/5/26	1900 MHz	20.6	39.1	20.7	39.6	0.39%	1.38%
2025/5/27	1900 MHz	20.6	39.1	20.8	39.9	0.78%	2.10%
2025/5/22	2300 MHz	23.3	48.2	23.2	48.8	-0.60%	1.24%
2025/5/30	2450 MHz	24.5	52.2	24.3	52.4	-0.90%	0.38%
2025/5/29	2600 MHz	24.8	54.9	24.4	54.8	-1.45%	-0.18%
2025/5/5	2600 MHz	24.8	54.9	24.5	55.2	-1.29%	0.55%
2025/5/14	3500 MHz	25.7	68.00	24.2	64.7	-5.84%	-4.85%
2025/5/15	3700 MHz	24.9	68.7	25.2	68.3	1.20%	-0.58%
2025/6/2	3300 MHz	25.8	67.10	26.1	66.6	1.16%	-0.75%
2025/6/2	3500 MHz	25.7	68.00	25.9	66.9	0.78%	-1.62%
2025/6/2	3700 MHz	24.9	68.7	25.7	67.2	3.21%	-2.18%
2025/6/2	3900 MHz	24.5	70.2	24.7	69.3	0.82%	-1.28%
2025/6/4	5250 MHz	22.4	78.3	22.8	78.5	1.79%	0.26%
2025/6/4	5600 MHz	23.2	81.7	23.9	82.7	3.02%	1.22%
2025/6/4	5750 MHz	22.8	79.9	22.6	78.6	-0.88%	-1.63%

9 Measurement Procedures

9.1 Tests to be performed

In order to determine the highest value of the peak spatial-average SAR of a handset, all device positions, configurations and operational modes shall be tested for each frequency band according to steps 1 to 3 below. A flowchart of the test process is shown in picture 5.

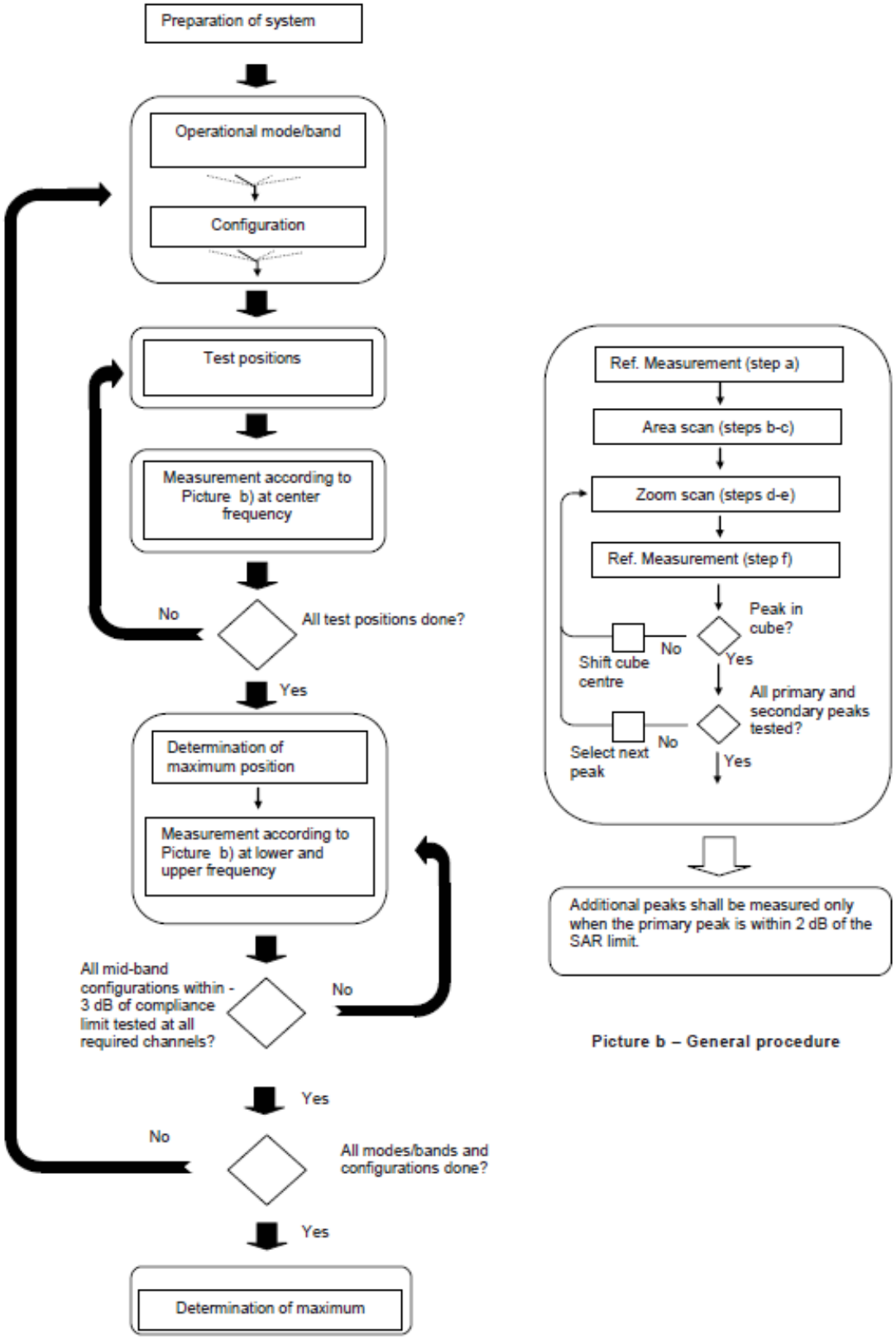
Step 1: The tests described in 9.2 shall be performed at the channel that is closest to the centre of the transmit frequency band (f_c) for:

a) all device positions (cheek and tilt, for both left and right sides of the SAM phantom, as described in annex D),
b) all configurations for each device position in a), e.g., antenna extended and retracted, and
c) all operational modes, e.g., analogue and digital, for each device position in a) and configuration in b) in each frequency band.

If more than three frequencies need to be tested according to 11.1 (i.e., $N_c > 3$), then all frequencies, configurations and modes shall be tested for all of the above test conditions.

Step 2: For the condition providing highest peak spatial-average SAR determined in Step 1,perform all tests described in 10.2 at all other test frequencies, i.e., lowest and highest frequencies. In addition, for all other conditions (device position, configuration and operational mode) where the peak spatial-average SAR value determined in Step 1 is within3 dB of the applicable SAR limit, it is recommended that all other test frequencies shall be tested as well.

Step 3: Examine all data to determine the highest value of the peak spatial-average SAR found in Steps 1 to 2.



Picture a – Tests to be performed

Picture b – General procedure

Picture 5 Block diagram of the tests to be performed

9.2 General Measurement Procedure

The area and zoom scan resolutions specified in the table below must be applied to the SAR measurements and fully documented in SAR reports to qualify for TCB approval. Probe boundary effect error compensation is required for measurements with the probe tip closer than half a probe tip diameter to the phantom surface. Both the probe tip diameter and sensor offset distance must satisfy measurement protocols; to ensure probe boundary effect errors are minimized and the higher fields closest to the phantom surface can be correctly measured and extrapolated to the phantom surface for computing 1-g SAR. Tolerances of the post-processing algorithms must be verified by the test laboratory for the scan resolutions used in the SAR measurements, according to the reference distribution functions specified in IEEE Std 1528-2003. The results should be documented as part of the system validation records and may be requested to support test results when all the measurement parameters in the following table are not satisfied.

<table>
<tr><td colspan="3"></td><td>≤ 3 GHz</td><td>> 3 GHz</td></tr>
<tr><td colspan="3">Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface</td><td>5 ± 1 mm</td><td>½·δ·ln(2) ± 0.5 mm</td></tr>
<tr><td colspan="3">Maximum probe angle from probe axis to phantom surface normal at the measurement location</td><td>30° ± 1°</td><td>20° ± 1°</td></tr>
<tr><td colspan="3" rowspan="2">Maximum area scan spatial resolution: Δx_{Area}, Δy_{Area}</td><td>≤ 2 GHz: ≤ 15 mm
2 – 3 GHz: ≤ 12 mm</td><td>3 – 4 GHz: ≤ 12 mm
4 – 6 GHz: ≤ 10 mm</td></tr>
<tr><td colspan="2">When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.</td></tr>
<tr><td colspan="3">Maximum zoom scan spatial resolution: Δx_{Zoom}, Δy_{Zoom}</td><td>≤ 2 GHz: ≤ 8 mm
2 – 3 GHz: ≤ 5 mm*</td><td>3 – 4 GHz: ≤ 5 mm*
4 – 6 GHz: ≤ 4 mm*</td></tr>
<tr><td rowspan="3">Maximum zoom scan spatial resolution, normal to phantom surface</td><td colspan="2">uniform grid: $\Delta z_{Zoom}(n)$</td><td>≤ 5 mm</td><td>3 – 4 GHz: ≤ 4 mm
4 – 5 GHz: ≤ 3 mm
5 – 6 GHz: ≤ 2 mm</td></tr>
<tr><td rowspan="2">graded grid</td><td>$\Delta z_{Zoom}(1)$: between 1st two points closest to phantom surface</td><td>≤ 4 mm</td><td>3 – 4 GHz: ≤ 3 mm
4 – 5 GHz: ≤ 2.5 mm
5 – 6 GHz: ≤ 2 mm</td></tr>
<tr><td>$\Delta z_{Zoom}(n>1)$: between subsequent points</td><td colspan="2">≤ 1.5·$\Delta z_{Zoom}(n-1)$</td></tr>
<tr><td>Minimum zoom scan volume</td><td colspan="2">x, y, z</td><td>≥ 30 mm</td><td>3 – 4 GHz: ≥ 28 mm
4 – 5 GHz: ≥ 25 mm
5 – 6 GHz: ≥ 22 mm</td></tr>
<tr><td colspan="5">Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.
* When zoom scan is required and the <u>reported</u> SAR from the area scan based 1-g SAR estimation procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.</td></tr>
</table>

9.3 WCDMA Measurement Procedures for SAR

The following procedures are applicable to WCDMA handsets operating under 3GPP Release99, Release 5 and Release 6. The default test configuration is to measure SAR with an established radio link between the DUT and a communication test set using a 12.2kbps RMC (reference measurement channel) configured in Test Loop Mode 1. SAR is selectively confirmed for other physical channel configurations (DPCCH & $DPDCH_n$), HSDPA and HSPA (HSUPA/HSDPA) modes according to output power, exposure conditions and device operating capabilities. Both uplink and downlink should be configured with the same RMC or AMR, when required. SAR for Release 5 HSDPA and Release 6 HSPA are measured using the applicable FRC (fixed reference channel) and E-DCH reference channel configurations. Maximum output power is verified according to applicable versions of 3GPP TS 34.121 and SAR must be measured according to these maximum output conditions. When Maximum Power Reduction (MPR) is not implemented according to Cubic Metric (CM) requirements for Release 6 HSPA, the following procedures do not apply.

For Release 5 HSDPA Data Devices:

Sub-test	β_c	β_d	β_d （SF）	β_c/β_d	β_{hs}	CM/dB
1	2/15	15/15	64	2/15	4/15	0.0
2	12/15	15/15	64	12/15	24/25	1.0
3	15/15	8/15	64	15/8	30/15	1.5
4	15/15	4/15	64	15/4	30/15	1.5

For Release 6 HSPA Data Devices

Sub-test	β_c	β_d	β_d （SF）	β_c/β_d	β_{hs}	β_{ec}	β_{ed}	β_{ed} （SF）	β_{ed} （codes）	CM (dB)	MPR (dB)	AG Index	E-TFCI
1	11/15	15/15	64	11/15	22/15	209/225	1039/225	4	1	1.5	1.5	20	75
2	6/15	15/15	64	6/15	12/15	12/15	12/15	4	1	1.5	1.5	12	67
3	15/15	9/15	64	15/9	30/15	30/15	β_{ed1}:47/15 β_{ed2}:47/15	4	2	1.5	1.5	15	92
4	2/15	15/15	64	2/15	4/15	4/15	56/75	4	1	1.5	1.5	17	71
5	15/15	15/15	64	15/15	24/15	30/15	134/15	4	1	1.5	1.5	21	81

Rel.8 DC-HSDPA (Cat 24)

SAR test exclusion for Rel.8 DC-HSDPA must satisfy the SAR test exclusion requirements of Rel.5 HSDPA. SAR test exclusion for DC-HSDPA devices is determined by power measurements according to the H-Set 12, Fixed Reference Channel (FRC) configuration in Table C.8.1.12 of 3GPP TS 34.121-1. A primary and a secondary serving HS-DSCH Cell are required to perform the power measurement and for the results to qualify for SAR test exclusion.

9.4 SAR Measurement for LTE

SAR tests for LTE are performed with a base station simulator, Rohde & Rchwarz CMW500. Closed loop power control was used so the UE transmits with maximum output power during SAR testing. All powers were measured with the CMW 500.

It is performed for conducted power and SAR based on the KDB941225 D05.

SAR is evaluated separately according to the following procedures for the different test positions in each exposure condition – head, body, body-worn accessories and other use conditions. The procedures in the following subsections are applied separately to test each LTE frequency band.

1) QPSK with 1 RB allocation

   Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

2) QPSK with 50% RB allocation

   The procedures required for 1 RB allocation in 1) are applied to measure the SAR for QPSK with 50% RB allocation.

3) QPSK with 100% RB allocation

   For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in 1) and 2) are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

TDD test:

TDD testing is performed using guidance from FCC KDB 941225 D05 and the SAR test guidance provided in April 2013 TCB works hop notes. TDD is tested at the highest duty factor using UL-DL configuration 0 with special subframe configuration 6 and applying the FDD LTE procedures in KDB 941225 D05. SAR testing is performed using the extended cyclic prefix listed in 3GPP TS 36.211.

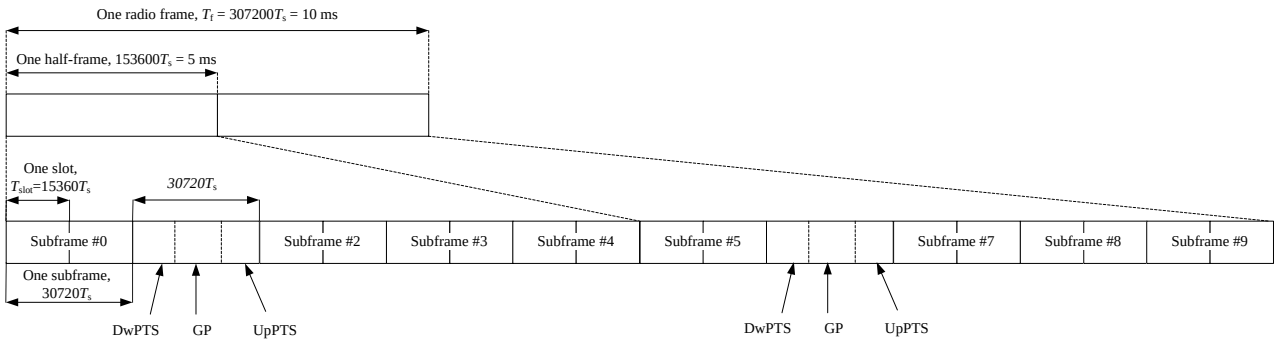


Figure 6: Frame structure type 2 (for 5 ms switch-point periodicity)

Table 9.1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS)

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592\cdot T_s$	$2192\cdot T_s$	$2560\cdot T_s$	$7680\cdot T_s$	$2192\cdot T_s$	$2560\cdot T_s$
1	$19760\cdot T_s$			$20480\cdot T_s$		
2	$21952\cdot T_s$			$23040\cdot T_s$		
3	$24144\cdot T_s$			$25600\cdot T_s$		
4	$26336\cdot T_s$			$7680\cdot T_s$	$4384\cdot T_s$	$5120\cdot T_s$
5	$6592\cdot T_s$	$4384\cdot T_s$	$5120\cdot T_s$	$20480\cdot T_s$		
6	$19760\cdot T_s$			$23040\cdot T_s$		
7	$21952\cdot T_s$			$12800\cdot T_s$		
8	$24144\cdot T_s$			-	-	-
9	$13168\cdot T_s$			-	-	-

Table 9.2: Uplink-downlink configurations

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

Duty factor is calculated by:

Duty factor = uplink frame*6+UpPTS*2/one frame length

= (30720.T_s * 6+5120. T_s*2)/307200.T_s

= 0.633

9.5 Bluetooth & Wi-Fi Measurement Procedures for SAR

Normal network operating configurations are not suitable for measuring the SAR of 802.11 transmitters in general. Unpredictable fluctuations in network traffic and antenna diversity conditions can introduce undesirable variations in SAR results. The SAR for these devices should be measured using chipset based test mode software to ensure that the results are consistent and reliable.
Chipset based test mode software is hardware dependent and generally varies among manufacturers. The device operating parameters established in a test mode for SAR measurements must be identical to those programmed in production units, including output power levels, amplifier gain settings and other RF performance tuning parameters. The test frequencies should correspond to actual channel frequencies defined for domestic use. SAR for devices with switched diversity should be measured with only one antenna transmitting at a time during each SAR measurement, according to a fixed modulation and data rate. The same data pattern should be used for all measurements.

9.6 NR Measurement Procedures for SAR

Due to test setup limitations, SAR testing for NR was performed using Factory Test Mode software to establish the connection and perform SAR with 100% transmission.

9.7 Power Drift

To control the output power stability during the SAR test, DASY5 system calculates the power drift by measuring the E-field at the same location at the beginning and at the end of the measurement for each test position. These drift values can be found in section14 labeled as: (Power Drift [dB]). This ensures that the power drift during one measurement is within 5%.

10 Conducted Output Power

sensor on Standalone	sensor on ENDC/ULCA	sensor off
Power Level A	Power Level B	Power Level C

10.1 GSM Measurement result

GSM850 ANT0 - Power Level A

GSM 850 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	20.74	20.76	20.49	21.50	-9.03	11.71	11.73	11.46
2 Txslots	20.63	20.71	20.44	21.00	-6.02	14.61	14.69	14.42
3Txslots	20.47	20.55	20.27	21.00	-4.26	16.21	16.29	16.01
4 Txslots	20.26	20.34	20.07	21.00	-3.01	17.25	17.33	17.06
GSM 850 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	20.62	20.74	20.47	21.50	-9.03	11.59	11.71	11.44
2 Txslots	20.57	20.69	20.43	21.00	-6.02	14.55	14.67	14.41
3Txslots	20.42	20.54	20.25	21.00	-4.26	16.16	16.28	15.99
4 Txslots	20.22	20.34	20.06	21.00	-3.01	17.21	17.33	17.05
GSM 850 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	14.79	14.71	14.65	15.50	-9.03	5.76	5.68	5.62
2 Txslots	14.69	14.62	14.67	15.00	-6.02	8.67	8.60	8.65
3Txslots	14.40	14.24	14.37	15.00	-4.26	10.14	9.98	10.11
4 Txslots	14.04	14.00	14.02	15.00	-3.01	11.03	10.99	11.01

GSM850 ANT0 - Power Level C

GSM 850 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	32.61	32.76	32.75	33.50	-9.03	23.58	23.73	23.72
2 Txslots	31.75	31.86	31.82	32.00	-6.02	25.73	25.84	25.80
3Txslots	29.50	29.54	29.50	30.00	-4.26	25.24	25.28	25.24
4 Txslots	27.73	27.77	27.57	29.00	-3.01	24.72	24.76	24.56
GSM 850 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	32.59	32.73	32.75	33.50	-9.03	23.56	23.70	23.72
2 Txslots	31.70	31.82	31.81	32.00	-6.02	25.68	25.80	25.79
3Txslots	29.41	29.48	29.46	30.00	-4.26	25.15	25.22	25.20
4 Txslots	27.63	27.68	27.53	29.00	-3.01	24.62	24.67	24.52
GSM 850 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	26.46	26.44	26.52	27.50	-9.03	17.43	17.41	17.49
2 Txslots	25.42	25.42	25.48	26.50	-6.02	19.40	19.40	19.46
3Txslots	23.19	23.25	23.31	24.50	-4.26	18.93	18.99	19.05
4 Txslots	21.82	21.79	21.87	23.00	-3.01	18.81	18.78	18.86

GSM1900 ANT0 - Power Level A

GSM 1900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	16.04	15.67	15.44	16.50	-9.03	7.01	6.64	6.41
2 Txslots	16.00	15.64	15.39	16.50	-6.02	9.98	9.62	9.37
3Txslots	15.88	15.52	15.29	16.00	-4.26	11.62	11.26	11.03
4 Txslots	15.72	15.36	15.13	16.00	-3.01	12.71	12.35	12.12
GSM 1900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	15.98	15.67	15.44	16.50	-9.03	6.95	6.64	6.41
2 Txslots	15.96	15.64	15.40	16.50	-6.02	9.94	9.62	9.38
3Txslots	15.84	15.52	15.30	16.00	-4.26	11.58	11.26	11.04
4 Txslots	15.69	15.37	15.15	16.00	-3.01	12.68	12.36	12.14
GSM 1900 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	15.85	15.82	15.63	16.50	-9.03	6.82	6.79	6.60
2 Txslots	15.77	15.68	15.54	16.00	-6.02	9.75	9.66	9.52
3Txslots	15.49	15.42	15.36	16.00	-4.26	11.23	11.16	11.10
4 Txslots	15.18	15.10	15.05	16.00	-3.01	12.17	12.09	12.04

GSM1900 ANT0 - Power Level C

GSM 1900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	29.34	29.41	29.32	30.50	-9.03	20.31	20.38	20.29
2 Txslots	28.57	28.60	28.46	29.00	-6.02	22.55	22.58	22.44
3Txslots	26.43	26.41	26.28	27.00	-4.26	22.17	22.15	22.02
4 Txslots	25.04	24.99	24.89	26.00	-3.01	22.03	21.98	21.88
GSM 1900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	29.37	29.42	29.33	30.50	-9.03	20.34	20.39	20.30
2 Txslots	28.58	28.61	28.45	29.00	-6.02	22.56	22.59	22.43
3Txslots	26.42	26.40	26.25	27.00	-4.26	22.16	22.14	21.99
4 Txslots	25.03	24.99	24.86	26.00	-3.01	22.02	21.98	21.85
GSM 1900 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	26.51	25.35	25.24	26.00	-9.03	17.48	16.32	16.21
2 Txslots	24.25	24.21	24.10	24.50	-6.02	18.23	18.19	18.08
3Txslots	22.09	22.00	21.92	22.50	-4.26	17.83	17.74	17.66
4 Txslots	20.84	20.83	20.75	21.50	-3.01	17.83	17.82	17.74

10.2 WCDMA Measurement result

WCDMA1900 ANT0 - Power Level A

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	14.03	13.98	14.15	15.00
HSUPA	1	11.59	11.55	11.69	13.50
	2	11.60	11.56	11.70	13.50
	3	12.59	12.55	12.70	14.00
	4	11.13	11.10	11.23	12.50
	5	13.04	13.05	13.06	15.00
HSPA+	\	13.12	13.07	13.23	14.50
DC-HSDPA	1	13.58	13.54	13.70	15.50
	2	13.51	13.57	13.63	15.50
	3	13.11	13.06	13.22	15.00
	4	13.07	13.02	13.18	15.00

WCDMA1900 ANT0 - Power Level C

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	23.12	22.98	23.18	24.00
HSUPA	1	20.23	20.11	20.28	21.50
	2	20.32	20.19	20.37	21.50
	3	21.33	21.21	21.39	22.00
	4	19.84	19.72	19.89	20.50
	5	21.31	21.19	21.37	23.00
HSPA+	\	21.9	21.77	21.96	22.50
DC-HSDPA	1	22.27	22.03	22.23	23.50
	2	22.28	22.15	22.34	23.50
	3	21.86	21.73	21.92	23.00
	4	21.81	21.68	21.87	23.00

WCDMA1700 ANT0 - Power Level A

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	14.82	14.67	14.63	16.00
HSUPA	1	12.09	11.96	11.93	12.50
	2	12.03	11.90	11.87	12.50
	3	12.89	12.85	12.81	13.00
	4	11.35	11.42	11.39	11.50
	5	13.06	12.92	12.88	14.00
HSPA+	\	13.33	13.28	13.24	13.50
DC-HSDPA	1	14.12	13.97	13.93	14.50
	2	13.99	13.84	13.80	14.50
	3	13.66	13.52	13.48	14.00
	4	13.6	13.46	13.42	14.00

WCDMA1700 ANT0 - Power Level C

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	23.17	22.97	23.00	24.00
HSUPA	1	20.13	19.95	19.98	21.50
	2	20.09	19.91	19.94	21.50
	3	21.04	20.86	20.89	22.00
	4	19.57	19.40	19.43	20.50
	5	21.02	21.04	21.07	23.00
HSPA+	\	21.72	21.53	21.56	22.50
DC-HSDPA	1	22.13	21.94	21.97	23.50
	2	22.11	21.92	21.95	23.50
	3	21.71	21.52	21.55	23.00
	4	21.64	21.45	21.48	23.00

WCDMA850 ANT0 - Power Level A

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	18.82	18.88	18.80	20.00
HSUPA	1	15.92	15.97	15.90	17.50
	2	15.94	15.99	15.92	17.50
	3	16.95	17.00	16.93	18.00
	4	15.41	15.46	15.39	16.50
	5	17.44	17.49	17.42	19.00
HSPA+	\	17.48	17.53	17.46	18.50
DC-HSDPA	1	17.94	18.00	17.92	19.50
	2	17.87	17.93	17.85	19.50
	3	17.47	17.52	17.45	19.00
	4	17.45	17.50	17.43	19.00

WCDMA850 ANT0 - Power Level C

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	23.13	23.15	23.04	24.00
HSUPA	1	19.99	20.01	19.91	21.50
	2	20	20.02	19.92	21.50
	3	21.01	21.03	20.93	22.00
	4	19.53	19.54	19.45	20.50
	5	21.01	21.02	21.02	23.00
HSPA+	\	21.52	21.54	21.44	22.50
DC-HSDPA	1	22.03	22.04	21.94	23.50
	2	22	22.01	21.91	23.50
	3	21.53	21.55	21.45	23.00
	4	21.51	21.53	21.43	23.00

10.3 LTE Measurement result

The maximum output power(Tune-up Limit)

Band	ANT	Power Level A	Power Level B	Power Level C
LTE Band 2	0	16	13	25
LTE Band 2	2	/	14	25
LTE Band 5	0	20	17	25
LTE Band 7	3	14	11	24
LTE Band 12	0	20	17	24
LTE Band 13	0	21	18	25
LTE Band 14	0	21	18	24
LTE Band 25	0	16	/	25
LTE Band 26	0	20	/	25
LTE Band 30	3	14	11	24
LTE Band 41 PC2	3	17	/	27
LTE Band 41 PC3	3	15	/	24
LTE Band 48	5	10	/	24
LTE Band 66	0	16	13	25
LTE Band 66	2	/	14	25
LTE Band 71	0	19	/	24

Maximum Power Reduction (MPR) for LTE

Modulation	1.4 MHz	MPR	3 MHz	MPR	5 MHz	MPR	10 MHz	MPR	15 MHz	MPR	20 MHz	MPR
QPSK	≤5	0	≤4	0	≤8	0	≤12	0	≤16	0	≤18	0
QPSK	>5	1	>4	1	>8	1	>12	1	>16	1	>18	1
16 QAM	≤5	1	≤4	1	≤8	1	≤12	1	≤16	1	≤18	1
16 QAM	>5	2	>4	2	>8	2	>12	2	>16	2	>18	2
64 QAM	≤5	2	≤4	2	≤8	2	≤12	2	≤16	2	≤18	2
64 QAM	>5	3	>4	3	>8	3	>12	3	>16	3	>18	3
256 QAM	≤5	5	≤4	5	≤8	5	≤12	5	≤16	5	≤18	5
256 QAM	>5	5	>4	5	>8	5	>12	5	>16	5	>18	5

LTE Band2 ANT0 - Power Level A

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256AM
1.4MHz	1RB-High (5)	1909.3 (19193)	15.00	15.24	15.21	14.76
		1880 (18900)	15.08	15.31	15.38	15.02
		1850.7 (18607)	14.92	15.20	15.13	15.04
	1RB-Middle (3)	1909.3 (19193)	14.94	15.15	15.05	14.94
		1880 (18900)	15.02	15.33	15.37	14.95
		1850.7 (18607)	14.95	15.36	15.06	14.85
	1RB-Low (0)	1909.3 (19193)	14.97	15.24	15.26	14.98
		1880 (18900)	15.08	15.51	15.30	14.77
		1850.7 (18607)	14.97	15.22	15.18	14.72
	3RB-High (3)	1909.3 (19193)	15.02	14.90	15.09	15.05
		1880 (18900)	15.04	14.97	15.17	14.90
		1850.7 (18607)	14.98	14.92	14.93	14.86
	3RB-Middle (1)	1909.3 (19193)	14.95	15.02	15.08	14.82
		1880 (18900)	15.02	14.99	15.12	14.87
		1850.7 (18607)	14.92	14.92	15.02	14.79
	3RB-Low (0)	1909.3 (19193)	14.98	14.92	15.09	14.93
		1880 (18900)	15.03	14.97	15.15	14.90
		1850.7 (18607)	15.04	14.92	14.99	14.95
	6RB (0)	1909.3 (19193)	14.93	15.07	15.00	14.81
		1880 (18900)	14.98	15.13	14.96	14.81
		1850.7 (18607)	14.95	14.98	14.90	14.92
3MHz	1RB-High (14)	1908.5 (19185)	14.97	15.22	15.19	15.05
		1880 (18900)	15.05	15.34	15.32	15.03
		1851.5 (18615)	14.94	15.22	15.13	14.95
	1RB-Middle (7)	1908.5 (19185)	14.97	15.44	15.26	14.84
		1880 (18900)	15.00	15.34	15.40	14.96
		1851.5 (18615)	14.84	15.24	15.21	14.94
	1RB-Low (0)	1908.5 (19185)	14.95	15.23	15.21	15.03
		1880 (18900)	14.97	15.23	15.25	14.87
		1851.5 (18615)	15.01	15.21	15.12	14.94
	8RB-High (7)	1908.5 (19185)	14.98	15.06	15.09	14.95
		1880 (18900)	15.00	15.03	15.09	15.04
		1851.5 (18615)	14.91	14.96	15.00	14.99
	8RB-Middle (4)	1908.5 (19185)	14.96	15.06	15.01	14.70
		1880 (18900)	15.03	15.08	15.13	14.81
		1851.5 (18615)	14.93	14.98	14.98	14.96
	8RB-Low (0)	1908.5 (19185)	15.01	15.05	15.03	14.93
		1880 (18900)	15.06	15.06	15.08	15.01
		1851.5 (18615)	14.97	14.99	14.99	15.00
	15RB (0)	1908.5 (19185)	14.97	14.97	15.01	15.04
		1880 (18900)	15.03	15.02	15.04	14.81
		1851.5 (18615)	14.92	14.92	14.94	15.05

5MHz	1RB-High (24)	1907.5 (19175)	15.01	15.41	15.25	14.89
		1880 (18900)	15.01	15.31	15.32	14.81
		1852.5 (18625)	14.99	15.23	15.19	15.02
	1RB-Middle (12)	1907.5 (19175)	15.05	15.33	15.20	14.82
		1880 (18900)	15.22	15.42	15.26	14.86
		1852.5 (18625)	14.99	15.27	15.25	15.01
	1RB-Low (0)	1907.5 (19175)	14.92	15.30	15.17	14.85
		1880 (18900)	15.02	15.34	15.29	14.80
		1852.5 (18625)	14.98	15.38	15.30	14.88
	12RB-High (13)	1907.5 (19175)	15.01	15.01	15.10	14.78
		1880 (18900)	15.07	15.08	15.09	15.03
		1852.5 (18625)	14.93	14.98	14.96	14.79
	12RB-Middle (6)	1907.5 (19175)	15.02	15.05	15.09	14.73
		1880 (18900)	15.04	15.07	15.12	14.91
		1852.5 (18625)	14.94	14.98	15.02	14.98
	12RB-Low (0)	1907.5 (19175)	15.03	15.05	15.08	14.80
		1880 (18900)	15.10	15.09	15.11	14.76
		1852.5 (18625)	14.99	14.99	15.05	14.86
	25RB (0)	1907.5 (19175)	15.06	15.05	15.04	14.98
		1880 (18900)	15.10	15.07	15.09	14.90
		1852.5 (18625)	15.00	15.00	14.98	14.71
10MHz	1RB-High (49)	1905 (19150)	15.09	15.32	15.13	14.72
		1880 (18900)	15.05	15.32	15.29	15.02
		1855 (18650)	14.99	15.25	15.15	14.75
	1RB-Middle (24)	1905 (19150)	15.01	15.27	15.10	15.01
		1880 (18900)	15.12	15.35	15.35	14.71
		1855 (18650)	14.94	15.16	15.13	14.91
	1RB-Low (0)	1905 (19150)	14.99	15.27	15.10	14.74
		1880 (18900)	15.07	15.27	15.17	14.96
		1855 (18650)	15.05	15.38	15.28	14.74
	25RB-High (25)	1905 (19150)	14.97	15.00	14.96	14.70
		1880 (18900)	15.07	15.08	15.07	15.04
		1855 (18650)	14.96	14.96	14.95	15.03
	25RB-Middle (12)	1905 (19150)	14.98	15.00	14.99	14.81
		1880 (18900)	15.07	15.07	15.07	15.05
		1855 (18650)	14.92	14.88	14.93	14.98
	25RB-Low (0)	1905 (19150)	15.02	15.02	14.99	14.91
		1880 (18900)	15.08	15.07	15.10	14.78
		1855 (18650)	14.93	14.95	15.01	15.04
	50RB (0)	1905 (19150)	14.96	15.00	15.00	14.73
		1880 (18900)	15.10	15.06	15.07	14.80
		1855 (18650)	14.96	14.98	14.95	14.87

15MHz	1RB-High (74)	1902.5 (19125)	15.06	15.25	15.24	14.93
		1880 (18900)	15.07	15.44	15.20	14.77
		1857.5 (18675)	14.98	15.30	15.15	14.89
	1RB-Middle (37)	1902.5 (19125)	14.94	15.29	15.07	14.79
		1880 (18900)	15.06	15.43	15.25	14.96
		1857.5 (18675)	14.89	15.25	15.12	14.75
	1RB-Low (0)	1902.5 (19125)	15.02	15.37	15.19	15.03
		1880 (18900)	15.12	15.32	15.18	14.73
		1857.5 (18675)	15.00	15.30	15.13	15.01
	36RB-High (38)	1902.5 (19125)	14.90	14.92	14.94	14.98
		1880 (18900)	14.99	14.99	15.06	14.78
		1857.5 (18675)	14.95	14.95	14.98	14.92
	36RB-Middle (19)	1902.5 (19125)	14.91	14.92	14.91	15.03
		1880 (18900)	15.01	15.01	15.04	14.90
		1857.5 (18675)	14.89	14.88	14.91	14.79
	36RB-Low (0)	1902.5 (19125)	14.96	14.98	14.98	14.92
		1880 (18900)	15.06	15.03	15.08	15.04
		1857.5 (18675)	14.93	14.92	15.00	14.71
	75RB (0)	1902.5 (19125)	14.94	14.97	14.97	14.93
		1880 (18900)	15.05	15.07	15.08	14.86
		1857.5 (18675)	14.95	14.94	14.96	14.70
20MHz	1RB-High (99)	1900 (19100)	14.92	15.29	15.15	14.96
		1880 (18900)	14.99	15.03	15.20	14.99
		1860 (18700)	14.94	15.29	15.06	14.70
	1RB-Middle (50)	1900 (19100)	14.95	15.03	15.01	14.76
		1880 (18900)	15.07	15.34	15.18	14.82
		1860 (18700)	14.96	15.19	15.00	15.00
	1RB-Low (0)	1900 (19100)	14.93	15.37	15.13	14.85
		1880 (18900)	14.94	15.44	15.12	15.00
		1860 (18700)	14.89	14.92	15.02	14.89
	50RB-High (50)	1900 (19100)	14.86	14.81	14.79	14.71
		1880 (18900)	14.98	14.94	14.91	14.90
		1860 (18700)	14.95	14.95	14.89	14.86
	50RB-Middle (25)	1900 (19100)	14.89	14.87	14.93	14.92
		1880 (18900)	14.97	14.97	14.92	14.77
		1860 (18700)	14.90	14.85	14.87	14.81
	50RB-Low (0)	1900 (19100)	14.95	14.90	14.89	14.89
		1880 (18900)	14.99	14.94	14.96	14.97
		1860 (18700)	14.96	14.83	14.80	14.99
	100RB (0)	1900 (19100)	14.89	14.83	14.83	15.00
		1880 (18900)	14.97	14.92	14.94	15.05
		1860 (18700)	14.91	14.86	14.86	14.87

LTE Band2 ANT0 - Power Level B

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256AM
1.4MHz	1RB-High (5)	1909.3 (19193)	12.00	12.45	12.20	12.03
		1880 (18900)	11.99	12.41	12.35	12.01
		1850.7 (18607)	11.90	12.15	12.22	11.90
	1RB-Middle (3)	1909.3 (19193)	12.01	12.34	12.22	11.86
		1880 (18900)	12.05	12.35	12.25	11.97
		1850.7 (18607)	11.92	12.13	12.09	12.09
	1RB-Low (0)	1909.3 (19193)	11.93	12.25	12.20	11.85
		1880 (18900)	11.99	12.41	12.33	11.98
		1850.7 (18607)	11.90	12.13	12.06	12.02
	3RB-High (3)	1909.3 (19193)	11.99	11.96	12.05	11.86
		1880 (18900)	12.02	11.87	12.02	11.94
		1850.7 (18607)	11.92	11.95	12.05	12.10
	3RB-Middle (1)	1909.3 (19193)	12.02	12.00	12.13	11.90
		1880 (18900)	11.97	11.97	12.09	12.06
		1850.7 (18607)	11.92	11.91	12.00	11.89
	3RB-Low (0)	1909.3 (19193)	11.94	11.86	12.04	12.00
		1880 (18900)	11.99	12.07	12.07	11.94
		1850.7 (18607)	11.94	11.91	11.96	11.94
	6RB (0)	1909.3 (19193)	11.95	12.04	11.94	11.86
		1880 (18900)	11.95	12.09	11.94	11.85
		1850.7 (18607)	11.94	12.01	11.88	11.86
3MHz	1RB-High (14)	1908.5 (19185)	11.98	12.08	12.36	11.88
		1880 (18900)	11.96	12.32	12.19	11.91
		1851.5 (18615)	11.89	12.23	12.03	11.90
	1RB-Middle (7)	1908.5 (19185)	11.92	12.19	12.31	11.85
		1880 (18900)	12.04	12.35	12.51	12.09
		1851.5 (18615)	11.92	12.31	11.95	12.10
	1RB-Low (0)	1908.5 (19185)	11.95	12.06	12.20	12.03
		1880 (18900)	12.02	12.38	12.28	11.95
		1851.5 (18615)	11.97	12.25	12.04	12.06
	8RB-High (7)	1908.5 (19185)	11.98	12.01	12.04	11.92
		1880 (18900)	11.97	12.00	12.04	11.93
		1851.5 (18615)	11.92	11.99	12.03	12.04
	8RB-Middle (4)	1908.5 (19185)	11.98	12.05	12.07	12.05
		1880 (18900)	12.02	12.11	12.06	12.03
		1851.5 (18615)	11.91	11.99	11.97	11.90
	8RB-Low (0)	1908.5 (19185)	12.00	12.09	12.05	12.02
		1880 (18900)	12.03	12.07	12.11	12.10
		1851.5 (18615)	11.97	11.98	12.03	12.04
	15RB (0)	1908.5 (19185)	12.00	11.97	11.97	11.88
		1880 (18900)	11.95	11.95	11.96	12.05
		1851.5 (18615)	11.93	11.94	11.90	12.05

5MHz	1RB-High (24)	1907.5 (19175)	12.07	12.36	12.28	12.08
		1880 (18900)	12.05	12.25	12.12	11.98
		1852.5 (18625)	11.99	12.38	12.15	11.86
	1RB-Middle (12)	1907.5 (19175)	12.08	12.46	12.28	12.03
		1880 (18900)	12.12	12.44	12.25	12.03
		1852.5 (18625)	12.00	12.41	12.05	12.04
	1RB-Low (0)	1907.5 (19175)	12.03	12.44	12.26	11.99
		1880 (18900)	12.12	12.46	12.41	11.97
		1852.5 (18625)	12.00	12.37	12.07	11.94
	12RB-High (13)	1907.5 (19175)	12.03	12.06	12.03	11.92
		1880 (18900)	12.05	12.07	12.06	12.04
		1852.5 (18625)	12.05	11.99	12.02	11.93
	12RB-Middle (6)	1907.5 (19175)	12.06	12.07	12.01	11.87
		1880 (18900)	12.06	12.07	12.07	12.08
		1852.5 (18625)	12.04	12.04	11.99	12.01
	12RB-Low (0)	1907.5 (19175)	12.11	12.07	12.12	12.00
		1880 (18900)	12.14	12.17	12.12	11.98
		1852.5 (18625)	12.02	12.02	12.06	11.85
	25RB (0)	1907.5 (19175)	12.13	12.08	12.05	12.05
		1880 (18900)	12.10	12.05	12.05	12.07
		1852.5 (18625)	12.06	12.03	12.00	12.03
10MHz	1RB-High (49)	1905 (19150)	12.08	12.48	12.28	12.01
		1880 (18900)	11.99	12.33	12.31	11.99
		1855 (18650)	11.95	12.23	12.31	11.88
	1RB-Middle (24)	1905 (19150)	12.03	12.43	12.20	11.94
		1880 (18900)	12.05	12.35	12.33	11.85
		1855 (18650)	11.96	12.30	12.20	11.85
	1RB-Low (0)	1905 (19150)	11.98	12.29	12.16	11.94
		1880 (18900)	12.17	12.50	12.40	11.96
		1855 (18650)	12.05	12.28	12.22	11.97
	25RB-High (25)	1905 (19150)	12.06	12.05	12.04	11.85
		1880 (18900)	12.09	12.02	12.06	12.01
		1855 (18650)	12.00	11.99	12.01	12.08
	25RB-Middle (12)	1905 (19150)	12.00	12.02	12.00	11.86
		1880 (18900)	12.08	12.08	12.11	11.98
		1855 (18650)	12.00	12.00	12.02	11.88
	25RB-Low (0)	1905 (19150)	12.05	12.04	12.00	11.98
		1880 (18900)	12.11	12.10	12.12	12.08
		1855 (18650)	11.99	12.01	12.02	12.04
	50RB (0)	1905 (19150)	12.03	12.05	12.06	11.92
		1880 (18900)	12.08	12.05	12.09	11.99
		1855 (18650)	12.03	12.00	12.00	11.92

15MHz	1RB-High (74)	1902.5 (19125)	12.11	12.49	12.34	12.07
		1880 (18900)	12.05	12.37	12.31	11.88
		1857.5 (18675)	12.02	12.40	12.31	11.87
	1RB-Middle (37)	1902.5 (19125)	11.94	12.12	12.15	11.91
		1880 (18900)	12.08	12.51	12.27	12.07
		1857.5 (18675)	11.96	12.29	12.23	12.01
	1RB-Low (0)	1902.5 (19125)	12.02	12.26	12.27	11.95
		1880 (18900)	12.06	12.42	12.27	12.08
		1857.5 (18675)	12.01	12.37	12.23	12.03
	36RB-High (38)	1902.5 (19125)	12.00	11.98	12.04	11.90
		1880 (18900)	12.03	12.06	12.06	11.85
		1857.5 (18675)	11.97	11.98	12.02	12.10
	36RB-Middle (19)	1902.5 (19125)	11.97	12.00	12.02	12.10
		1880 (18900)	12.04	12.04	12.07	12.01
		1857.5 (18675)	11.97	11.96	12.00	12.00
	36RB-Low (0)	1902.5 (19125)	12.02	12.03	12.02	11.99
		1880 (18900)	12.12	12.11	12.11	11.92
		1857.5 (18675)	11.98	12.00	12.03	12.06
	75RB (0)	1902.5 (19125)	12.03	12.06	12.07	12.06
		1880 (18900)	12.06	12.07	12.09	12.00
		1857.5 (18675)	12.02	12.01	11.99	12.07
20MHz	1RB-High (99)	1900 (19100)	12.12	12.36	12.25	11.91
		1880 (18900)	12.12	12.51	12.24	12.09
		1860 (18700)	12.00	12.28	12.19	12.09
	1RB-Middle (50)	1900 (19100)	11.95	12.24	11.95	11.95
		1880 (18900)	12.07	12.25	12.17	11.87
		1860 (18700)	11.92	12.22	12.15	12.04
	1RB-Low (0)	1900 (19100)	12.04	12.34	12.14	12.03
		1880 (18900)	12.00	12.34	12.19	11.92
		1860 (18700)	11.98	12.20	11.95	11.92
	50RB-High (50)	1900 (19100)	11.99	11.98	11.95	12.05
		1880 (18900)	12.03	11.99	12.00	12.05
		1860 (18700)	12.00	11.95	11.94	11.92
	50RB-Middle (25)	1900 (19100)	12.01	11.96	11.94	11.86
		1880 (18900)	12.05	12.01	12.01	11.96
		1860 (18700)	11.96	11.94	11.90	12.02
	50RB-Low (0)	1900 (19100)	12.04	12.00	11.97	12.05
		1880 (18900)	12.04	12.04	12.05	11.89
		1860 (18700)	11.99	11.95	11.93	12.00
	100RB (0)	1900 (19100)	12.01	11.95	11.93	11.99
		1880 (18900)	12.08	11.99	11.97	11.90
		1860 (18700)	11.98	11.92	11.90	11.89

LTE Band2 ANT0 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256AM
1.4MHz	1RB-High (5)	1909.3 (19193)	23.86	23.12	22.23	19.16
		1880 (18900)	24.06	23.25	22.20	19.06
		1850.7 (18607)	24.05	23.30	22.07	19.17
	1RB-Middle (3)	1909.3 (19193)	24.09	23.11	22.12	19.19
		1880 (18900)	24.17	23.42	22.32	19.02
		1850.7 (18607)	23.92	23.20	22.08	19.28
	1RB-Low (0)	1909.3 (19193)	23.99	23.10	22.10	19.19
		1880 (18900)	24.07	23.34	22.28	19.25
		1850.7 (18607)	24.05	23.17	22.09	19.26
	3RB-High (3)	1909.3 (19193)	24.04	23.07	22.03	19.17
		1880 (18900)	24.08	23.14	22.08	19.26
		1850.7 (18607)	23.97	22.94	21.97	19.28
	3RB-Middle (1)	1909.3 (19193)	24.04	22.96	21.99	19.19
		1880 (18900)	24.09	23.12	22.17	19.05
		1850.7 (18607)	23.90	22.95	22.03	19.28
	3RB-Low (0)	1909.3 (19193)	24.01	23.01	22.01	19.10
		1880 (18900)	23.97	23.01	22.09	19.08
		1850.7 (18607)	23.89	23.11	22.16	19.26
	6RB (0)	1909.3 (19193)	22.97	22.12	20.94	19.25
		1880 (18900)	23.05	22.16	21.01	19.27
		1850.7 (18607)	22.90	21.91	20.91	19.25
3MHz	1RB-High (14)	1908.5 (19185)	23.85	23.12	22.13	19.02
		1880 (18900)	24.09	23.25	22.10	19.11
		1851.5 (18615)	23.92	23.18	22.06	19.00
	1RB-Middle (7)	1908.5 (19185)	23.90	23.19	22.16	19.10
		1880 (18900)	24.12	23.37	22.18	19.26
		1851.5 (18615)	23.89	23.18	22.04	19.11
	1RB-Low (0)	1908.5 (19185)	24.04	23.22	22.17	19.01
		1880 (18900)	24.06	23.20	22.15	19.07
		1851.5 (18615)	24.06	23.18	22.07	19.22
	8RB-High (7)	1908.5 (19185)	22.97	22.05	20.96	19.17
		1880 (18900)	23.07	22.09	21.04	19.12
		1851.5 (18615)	22.95	22.00	20.94	19.03
	8RB-Middle (4)	1908.5 (19185)	22.93	22.01	20.95	19.23
		1880 (18900)	23.10	22.10	21.08	19.09
		1851.5 (18615)	22.97	21.99	20.95	19.11
	8RB-Low (0)	1908.5 (19185)	23.01	22.07	21.00	19.30
		1880 (18900)	23.06	22.15	21.11	19.22
		1851.5 (18615)	22.98	22.01	20.94	19.21
	15RB (0)	1908.5 (19185)	22.99	22.02	21.02	19.05
		1880 (18900)	23.02	22.01	20.97	19.03
		1851.5 (18615)	22.93	21.95	20.89	19.03

5MHz	1RB-High (24)	1907.5 (19175)	24.03	23.23	22.16	19.11
		1880 (18900)	24.05	23.28	22.20	19.01
		1852.5 (18625)	23.91	23.10	22.02	19.10
	1RB-Middle (12)	1907.5 (19175)	23.97	23.32	22.20	19.10
		1880 (18900)	24.25	23.26	22.24	19.00
		1852.5 (18625)	23.96	23.27	22.00	19.02
	1RB-Low (0)	1907.5 (19175)	23.86	23.19	22.16	19.25
		1880 (18900)	24.05	23.27	22.13	19.04
		1852.5 (18625)	24.12	23.12	22.09	19.07
	12RB-High (13)	1907.5 (19175)	23.02	22.07	21.13	19.26
		1880 (18900)	23.08	22.11	21.11	19.28
		1852.5 (18625)	22.94	21.92	20.95	19.24
	12RB-Middle (6)	1907.5 (19175)	23.01	22.02	21.06	19.03
		1880 (18900)	23.08	22.12	21.10	19.07
		1852.5 (18625)	22.97	21.96	20.90	19.29
	12RB-Low (0)	1907.5 (19175)	22.98	22.08	21.06	19.15
		1880 (18900)	23.10	22.09	21.08	19.24
		1852.5 (18625)	22.98	21.99	21.04	19.01
	25RB (0)	1907.5 (19175)	23.03	22.08	21.03	19.22
		1880 (18900)	23.13	22.09	21.07	19.09
		1852.5 (18625)	22.99	22.00	20.95	19.18
10MHz	1RB-High (49)	1905 (19150)	24.04	23.21	22.17	19.19
		1880 (18900)	24.06	23.21	22.18	19.23
		1855 (18650)	23.94	23.11	22.00	19.27
	1RB-Middle (24)	1905 (19150)	23.93	23.17	22.04	19.11
		1880 (18900)	24.10	23.31	22.23	19.22
		1855 (18650)	23.90	23.06	22.03	19.28
	1RB-Low (0)	1905 (19150)	23.98	23.11	22.14	19.24
		1880 (18900)	24.10	23.32	22.18	19.24
		1855 (18650)	24.10	23.25	22.06	19.14
	25RB-High (25)	1905 (19150)	22.95	21.97	20.93	19.21
		1880 (18900)	23.06	22.03	21.01	19.03
		1855 (18650)	22.92	21.94	20.91	19.06
	25RB-Middle (12)	1905 (19150)	22.96	21.93	20.93	19.30
		1880 (18900)	23.05	22.05	21.02	19.12
		1855 (18650)	22.93	21.89	20.86	19.12
	25RB-Low (0)	1905 (19150)	22.96	21.99	20.95	19.00
		1880 (18900)	23.08	22.08	21.05	19.12
		1855 (18650)	22.97	21.96	20.90	19.16
	50RB (0)	1905 (19150)	22.94	21.96	20.94	19.00
		1880 (18900)	23.04	22.05	21.01	19.20
		1855 (18650)	22.96	21.96	20.92	19.26

15MHz	1RB-High (74)	1902.5 (19125)	23.99	23.20	22.11	19.11
		1880 (18900)	24.11	23.33	22.13	19.28
		1857.5 (18675)	24.01	23.10	22.17	19.20
	1RB-Middle (37)	1902.5 (19125)	24.00	23.22	22.00	19.23
		1880 (18900)	24.09	23.33	22.28	19.22
		1857.5 (18675)	23.88	23.15	22.05	19.18
	1RB-Low (0)	1902.5 (19125)	23.98	23.26	22.13	19.14
		1880 (18900)	24.01	23.25	22.13	19.20
		1857.5 (18675)	24.02	23.14	22.13	19.09
	36RB-High (38)	1902.5 (19125)	22.92	21.93	20.93	19.23
		1880 (18900)	23.00	22.00	21.05	19.23
		1857.5 (18675)	22.96	21.96	20.94	19.11
	36RB-Middle (19)	1902.5 (19125)	22.91	21.92	20.89	19.01
		1880 (18900)	23.01	22.00	21.03	19.00
		1857.5 (18675)	22.88	21.89	20.88	19.25
	36RB-Low (0)	1902.5 (19125)	22.93	21.96	20.94	19.26
		1880 (18900)	23.06	22.06	21.05	19.09
		1857.5 (18675)	22.93	21.92	20.92	19.07
	75RB (0)	1902.5 (19125)	22.95	21.97	20.97	19.07
		1880 (18900)	23.07	22.06	21.03	19.10
		1857.5 (18675)	22.97	21.95	20.93	19.15
20MHz	1RB-High (99)	1900 (19100)	24.02	23.17	22.20	19.04
		1880 (18900)	24.05	23.31	22.13	19.23
		1860 (18700)	24.11	23.35	22.08	19.27
	1RB-Middle (50)	1900 (19100)	23.95	23.16	22.15	19.26
		1880 (18900)	24.13	23.38	22.23	19.00
		1860 (18700)	23.94	23.26	22.02	19.00
	1RB-Low (0)	1900 (19100)	24.03	23.24	22.19	19.08
		1880 (18900)	24.12	23.31	22.19	19.29
		1860 (18700)	24.10	23.16	22.04	19.16
	50RB-High (50)	1900 (19100)	22.87	21.91	20.85	19.20
		1880 (18900)	23.03	22.03	20.99	19.01
		1860 (18700)	23.02	22.02	20.99	19.04
	50RB-Middle (25)	1900 (19100)	22.98	21.94	20.94	19.27
		1880 (18900)	23.07	22.07	21.04	19.17
		1860 (18700)	22.99	21.96	20.94	19.01
	50RB-Low (0)	1900 (19100)	22.98	21.99	20.98	19.02
		1880 (18900)	23.08	22.05	21.03	19.08
		1860 (18700)	22.95	21.91	20.91	19.27
	100RB (0)	1900 (19100)	22.96	21.93	20.92	19.23
		1880 (18900)	23.06	22.05	21.00	19.04
		1860 (18700)	22.97	21.94	20.95	19.09

LTE Band2 ANT2 - Power Level B

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256AM
1.4MHz	1RB-High (5)	1909.3 (19193)	13.72	13.95	13.82	13.78
		1880 (18900)	13.71	13.90	13.99	13.76
		1850.7 (18607)	13.61	13.71	13.85	13.63
	1RB-Middle (3)	1909.3 (19193)	13.73	13.92	13.85	13.59
		1880 (18900)	13.78	13.93	13.88	13.71
		1850.7 (18607)	13.63	13.68	13.70	13.85
	1RB-Low (0)	1909.3 (19193)	13.64	13.82	13.82	13.58
		1880 (18900)	13.71	13.80	13.97	13.73
		1850.7 (18607)	13.61	13.68	13.67	13.77
	3RB-High (3)	1909.3 (19193)	13.71	13.49	13.65	13.59
		1880 (18900)	13.74	13.39	13.62	13.68
		1850.7 (18607)	13.63	13.48	13.65	13.86
	3RB-Middle (1)	1909.3 (19193)	13.74	13.54	13.74	13.63
		1880 (18900)	13.69	13.50	13.70	13.82
		1850.7 (18607)	13.63	13.44	13.60	13.62
	3RB-Low (0)	1909.3 (19193)	13.65	13.38	13.64	13.75
		1880 (18900)	13.71	13.62	13.68	13.68
		1850.7 (18607)	13.65	13.44	13.55	13.68
	6RB (0)	1909.3 (19193)	13.66	13.58	13.53	13.59
		1880 (18900)	13.66	13.64	13.53	13.58
		1850.7 (18607)	13.65	13.55	13.46	13.59
3MHz	1RB-High (14)	1908.5 (19185)	13.70	13.63	13.94	13.61
		1880 (18900)	13.67	13.90	13.81	13.65
		1851.5 (18615)	13.59	13.80	13.63	13.63
	1RB-Middle (7)	1908.5 (19185)	13.63	13.75	13.95	13.58
		1880 (18900)	13.77	13.93	13.98	13.85
		1851.5 (18615)	13.63	13.89	13.54	13.86
	1RB-Low (0)	1908.5 (19185)	13.66	13.61	13.82	13.78
		1880 (18900)	13.74	13.97	13.91	13.69
		1851.5 (18615)	13.69	13.82	13.64	13.82
	8RB-High (7)	1908.5 (19185)	13.70	13.55	13.64	13.66
		1880 (18900)	13.69	13.54	13.64	13.67
		1851.5 (18615)	13.63	13.53	13.63	13.79
	8RB-Middle (4)	1908.5 (19185)	13.70	13.59	13.68	13.81
		1880 (18900)	13.74	13.66	13.67	13.78
		1851.5 (18615)	13.62	13.53	13.56	13.63
	8RB-Low (0)	1908.5 (19185)	13.72	13.64	13.65	13.77
		1880 (18900)	13.75	13.62	13.72	13.86
		1851.5 (18615)	13.69	13.52	13.63	13.79
	15RB (0)	1908.5 (19185)	13.72	13.50	13.56	13.61
		1880 (18900)	13.66	13.48	13.55	13.81
		1851.5 (18615)	13.64	13.47	13.48	13.81

5MHz	1RB-High (24)	1907.5 (19175)	13.80	13.94	13.91	13.84
		1880 (18900)	13.78	13.82	13.73	13.73
		1852.5 (18625)	13.71	13.97	13.77	13.59
	1RB-Middle (12)	1907.5 (19175)	13.81	13.96	13.91	13.78
		1880 (18900)	13.86	13.91	13.88	13.78
		1852.5 (18625)	13.72	13.90	13.65	13.79
	1RB-Low (0)	1907.5 (19175)	13.75	13.93	13.89	13.74
		1880 (18900)	13.86	13.96	13.94	13.71
		1852.5 (18625)	13.72	13.96	13.68	13.68
	12RB-High (13)	1907.5 (19175)	13.75	13.61	13.63	13.66
		1880 (18900)	13.78	13.62	13.67	13.79
		1852.5 (18625)	13.78	13.53	13.62	13.67
	12RB-Middle (6)	1907.5 (19175)	13.79	13.62	13.61	13.60
		1880 (18900)	13.79	13.62	13.68	13.84
		1852.5 (18625)	13.77	13.58	13.59	13.76
	12RB-Low (0)	1907.5 (19175)	13.85	13.62	13.73	13.75
		1880 (18900)	13.88	13.73	13.73	13.73
		1852.5 (18625)	13.74	13.56	13.67	13.58
	25RB (0)	1907.5 (19175)	13.87	13.63	13.65	13.81
		1880 (18900)	13.83	13.59	13.65	13.83
		1852.5 (18625)	13.79	13.57	13.60	13.78
10MHz	1RB-High (49)	1905 (19150)	13.81	13.98	13.91	13.76
		1880 (18900)	13.71	13.91	13.95	13.74
		1855 (18650)	13.66	13.80	13.95	13.61
	1RB-Middle (24)	1905 (19150)	13.75	13.92	13.82	13.68
		1880 (18900)	13.78	13.93	13.97	13.58
		1855 (18650)	13.67	13.88	13.82	13.58
	1RB-Low (0)	1905 (19150)	13.70	13.87	13.78	13.68
		1880 (18900)	13.91	13.81	13.85	13.70
		1855 (18650)	13.78	13.85	13.85	13.71
	25RB-High (25)	1905 (19150)	13.79	13.59	13.64	13.58
		1880 (18900)	13.82	13.56	13.67	13.76
		1855 (18650)	13.72	13.53	13.61	13.84
	25RB-Middle (12)	1905 (19150)	13.72	13.56	13.60	13.59
		1880 (18900)	13.81	13.63	13.72	13.73
		1855 (18650)	13.72	13.54	13.62	13.61
	25RB-Low (0)	1905 (19150)	13.78	13.58	13.60	13.73
		1880 (18900)	13.85	13.65	13.73	13.84
		1855 (18650)	13.71	13.55	13.62	13.79
	50RB (0)	1905 (19150)	13.75	13.59	13.67	13.66
		1880 (18900)	13.81	13.59	13.70	13.74
		1855 (18650)	13.75	13.54	13.60	13.66

15MHz	1RB-High (74)	1902.5 (19125)	13.85	13.86	13.98	13.83
		1880 (18900)	13.78	13.96	13.95	13.61
		1857.5 (18675)	13.74	13.99	13.95	13.60
	1RB-Middle (37)	1902.5 (19125)	13.65	13.67	13.77	13.65
		1880 (18900)	13.81	13.81	13.90	13.83
		1857.5 (18675)	13.67	13.87	13.86	13.76
	1RB-Low (0)	1902.5 (19125)	13.74	13.83	13.90	13.69
		1880 (18900)	13.79	13.87	13.90	13.84
		1857.5 (18675)	13.73	13.96	13.86	13.78
	36RB-High (38)	1902.5 (19125)	13.72	13.52	13.64	13.63
		1880 (18900)	13.75	13.61	13.67	13.58
		1857.5 (18675)	13.69	13.52	13.62	13.86
	36RB-Middle (19)	1902.5 (19125)	13.69	13.54	13.62	13.86
		1880 (18900)	13.77	13.58	13.68	13.76
		1857.5 (18675)	13.69	13.49	13.60	13.75
	36RB-Low (0)	1902.5 (19125)	13.74	13.57	13.62	13.74
		1880 (18900)	13.86	13.66	13.72	13.66
		1857.5 (18675)	13.70	13.54	13.63	13.82
	75RB (0)	1902.5 (19125)	13.75	13.61	13.68	13.82
		1880 (18900)	13.79	13.62	13.70	13.75
		1857.5 (18675)	13.74	13.55	13.59	13.83
20MHz	1RB-High (99)	1900 (19100)	13.81	13.80	13.77	13.58
		1880 (18900)	13.88	13.83	13.80	13.61
		1860 (18700)	13.83	13.85	13.82	13.63
	1RB-Middle (50)	1900 (19100)	13.79	13.81	13.78	13.59
		1880 (18900)	13.80	13.82	13.79	13.60
		1860 (18700)	13.78	13.80	13.77	13.58
	1RB-Low (0)	1900 (19100)	13.79	13.81	13.78	13.59
		1880 (18900)	13.82	13.84	13.81	13.62
		1860 (18700)	13.80	13.82	13.79	13.60
	50RB-High (50)	1900 (19100)	13.81	13.83	13.80	13.61
		1880 (18900)	13.77	13.79	13.76	13.57
		1860 (18700)	13.78	13.80	13.77	13.58
	50RB-Middle (25)	1900 (19100)	13.78	13.80	13.70	13.58
		1880 (18900)	13.80	13.82	13.79	13.60
		1860 (18700)	13.77	13.79	13.76	13.57
	50RB-Low (0)	1900 (19100)	13.79	13.81	13.78	13.59
		1880 (18900)	13.72	13.76	13.72	13.65
		1860 (18700)	13.79	13.77	13.75	13.61
	100RB (0)	1900 (19100)	13.73	13.81	13.71	13.66
		1880 (18900)	13.72	13.81	13.78	13.59
		1860 (18700)	13.77	13.79	13.76	13.57

LTE Band2 ANT2 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256AM
1.4MHz	1RB-High (5)	1909.3 (19193)	23.56	22.52	22.01	18.54
		1880 (18900)	23.76	22.64	21.98	18.45
		1850.7 (18607)	23.75	22.69	21.85	18.55
	1RB-Middle (3)	1909.3 (19193)	23.79	22.51	21.90	18.57
		1880 (18900)	23.87	22.81	22.10	18.41
		1850.7 (18607)	23.62	22.59	21.86	18.66
	1RB-Low (0)	1909.3 (19193)	23.69	22.50	21.88	18.57
		1880 (18900)	23.77	22.73	22.06	18.63
		1850.7 (18607)	23.75	22.56	21.87	18.64
	3RB-High (3)	1909.3 (19193)	23.74	22.47	21.81	18.55
		1880 (18900)	23.78	22.54	21.86	18.64
		1850.7 (18607)	23.67	22.34	21.75	18.66
	3RB-Middle (1)	1909.3 (19193)	23.74	22.36	21.77	18.57
		1880 (18900)	23.79	22.52	21.95	18.44
		1850.7 (18607)	23.60	22.35	21.81	18.66
	3RB-Low (0)	1909.3 (19193)	23.71	22.41	21.79	18.49
		1880 (18900)	23.67	22.41	21.87	18.47
		1850.7 (18607)	23.59	22.51	21.94	18.64
	6RB (0)	1909.3 (19193)	22.68	21.54	20.73	18.63
		1880 (18900)	22.76	21.58	20.80	18.65
		1850.7 (18607)	22.62	21.34	20.70	18.63
3MHz	1RB-High (14)	1908.5 (19185)	23.55	22.52	21.91	18.41
		1880 (18900)	23.79	22.64	21.88	18.50
		1851.5 (18615)	23.62	22.57	21.84	18.39
	1RB-Middle (7)	1908.5 (19185)	23.60	22.58	21.94	18.49
		1880 (18900)	23.82	22.76	21.96	18.64
		1851.5 (18615)	23.59	22.57	21.82	18.50
	1RB-Low (0)	1908.5 (19185)	23.74	22.61	21.95	18.40
		1880 (18900)	23.76	22.59	21.93	18.46
		1851.5 (18615)	23.76	22.57	21.85	18.60
	8RB-High (7)	1908.5 (19185)	22.68	21.47	20.75	18.55
		1880 (18900)	22.78	21.51	20.83	18.50
		1851.5 (18615)	22.66	21.43	20.73	18.42
	8RB-Middle (4)	1908.5 (19185)	22.64	21.44	20.74	18.61
		1880 (18900)	22.81	21.52	20.87	18.48
		1851.5 (18615)	22.68	21.42	20.74	18.50
	8RB-Low (0)	1908.5 (19185)	22.72	21.49	20.79	18.68
		1880 (18900)	22.77	21.57	20.90	18.60
		1851.5 (18615)	22.69	21.44	20.73	18.59
	15RB (0)	1908.5 (19185)	22.70	21.44	20.81	18.44
		1880 (18900)	22.73	21.44	20.76	18.42
		1851.5 (18615)	22.64	21.38	20.68	18.42

5MHz	1RB-High (24)	1907.5 (19175)	23.73	22.62	21.94	18.50
		1880 (18900)	23.75	22.67	21.98	18.40
		1852.5 (18625)	23.61	22.50	21.80	18.49
	1RB-Middle (12)	1907.5 (19175)	23.67	22.71	21.98	18.49
		1880 (18900)	23.95	22.65	22.02	18.39
		1852.5 (18625)	23.66	22.66	21.78	18.41
	1RB-Low (0)	1907.5 (19175)	23.56	22.58	21.94	18.63
		1880 (18900)	23.75	22.66	21.91	18.43
		1852.5 (18625)	23.82	22.52	21.87	18.46
	12RB-High (13)	1907.5 (19175)	22.73	21.49	20.92	18.64
		1880 (18900)	22.79	21.53	20.90	18.66
		1852.5 (18625)	22.65	21.35	20.74	18.62
	12RB-Middle (6)	1907.5 (19175)	22.72	21.44	20.85	18.42
		1880 (18900)	22.79	21.54	20.89	18.46
		1852.5 (18625)	22.68	21.39	20.69	18.67
	12RB-Low (0)	1907.5 (19175)	22.69	21.50	20.85	18.53
		1880 (18900)	22.81	21.51	20.87	18.62
		1852.5 (18625)	22.69	21.42	20.83	18.40
	25RB (0)	1907.5 (19175)	22.74	21.50	20.82	18.60
		1880 (18900)	22.84	21.51	20.86	18.48
		1852.5 (18625)	22.70	21.43	20.74	18.56
10MHz	1RB-High (49)	1905 (19150)	23.74	22.60	21.95	18.57
		1880 (18900)	23.76	22.60	21.96	18.61
		1855 (18650)	23.64	22.51	21.78	18.65
	1RB-Middle (24)	1905 (19150)	23.63	22.56	21.82	18.50
		1880 (18900)	23.80	22.70	22.01	18.60
		1855 (18650)	23.60	22.46	21.81	18.66
	1RB-Low (0)	1905 (19150)	23.68	22.51	21.92	18.62
		1880 (18900)	23.80	22.71	21.96	18.62
		1855 (18650)	23.80	22.64	21.84	18.52
	25RB-High (25)	1905 (19150)	22.66	21.40	20.72	18.59
		1880 (18900)	22.77	21.45	20.80	18.42
		1855 (18650)	22.63	21.37	20.70	18.45
	25RB-Middle (12)	1905 (19150)	22.67	21.36	20.72	18.68
		1880 (18900)	22.76	21.47	20.81	18.50
		1855 (18650)	22.64	21.32	20.65	18.50
	25RB-Low (0)	1905 (19150)	22.67	21.42	20.74	18.39
		1880 (18900)	22.79	21.50	20.84	18.50
		1855 (18650)	22.68	21.39	20.69	18.54
	50RB (0)	1905 (19150)	22.65	21.39	20.73	18.39
		1880 (18900)	22.75	21.47	20.80	18.58
		1855 (18650)	22.67	21.39	20.71	18.64

15MHz	1RB-High (74)	1902.5 (19125)	23.69	22.59	21.89	18.50
		1880 (18900)	23.81	22.72	21.91	18.66
		1857.5 (18675)	23.71	22.50	21.95	18.58
	1RB-Middle (37)	1902.5 (19125)	23.70	22.61	21.78	18.61
		1880 (18900)	23.79	22.72	22.06	18.60
		1857.5 (18675)	23.58	22.55	21.83	18.56
	1RB-Low (0)	1902.5 (19125)	23.68	22.65	21.91	18.52
		1880 (18900)	23.71	22.64	21.91	18.58
		1857.5 (18675)	23.72	22.54	21.91	18.48
	36RB-High (38)	1902.5 (19125)	22.63	21.36	20.72	18.61
		1880 (18900)	22.71	21.43	20.84	18.61
		1857.5 (18675)	22.67	21.39	20.73	18.50
	36RB-Middle (19)	1902.5 (19125)	22.62	21.35	20.68	18.40
		1880 (18900)	22.72	21.43	20.82	18.39
		1857.5 (18675)	22.60	21.32	20.67	18.63
	36RB-Low (0)	1902.5 (19125)	22.64	21.39	20.73	18.64
		1880 (18900)	22.77	21.48	20.84	18.48
		1857.5 (18675)	22.64	21.35	20.71	18.46
	75RB (0)	1902.5 (19125)	22.66	21.40	20.76	18.46
		1880 (18900)	22.78	21.48	20.82	18.49
		1857.5 (18675)	22.68	21.38	20.72	18.53
20MHz	1RB-High (99)	1900 (19100)	23.78	22.86	21.83	18.63
		1880 (18900)	23.78	22.77	21.80	18.63
		1860 (18700)	23.81	22.74	21.86	18.65
	1RB-Middle (50)	1900 (19100)	23.74	22.82	21.79	18.60
		1880 (18900)	23.77	22.82	21.77	18.62
		1860 (18700)	23.73	22.81	21.78	18.59
	1RB-Low (0)	1900 (19100)	23.75	22.83	21.80	18.61
		1880 (18900)	23.79	22.87	21.84	18.64
		1860 (18700)	23.77	22.85	21.82	18.62
	50RB-High (50)	1900 (19100)	22.75	21.68	20.65	18.65
		1880 (18900)	22.69	21.62	20.68	18.60
		1860 (18700)	22.70	21.63	20.67	18.61
	50RB-Middle (25)	1900 (19100)	22.70	21.63	20.63	18.61
		1880 (18900)	22.73	21.60	20.63	18.63
		1860 (18700)	22.69	21.62	20.60	18.60
	50RB-Low (0)	1900 (19100)	22.71	21.67	20.62	18.62
		1880 (18900)	22.72	21.65	20.66	18.60
		1860 (18700)	22.71	21.64	20.61	18.62
	100RB (0)	1900 (19100)	22.72	21.65	20.66	18.63
		1880 (18900)	22.71	21.54	20.71	18.62
		1860 (18700)	22.69	21.62	20.56	18.60

LTE Band5 ANT0 - Power Level A

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (20643)	18.62	18.88	18.82	18.74
		836.5 (20525)	18.75	18.97	18.86	18.80
		824.7 (20407)	18.68	18.93	18.86	18.75
	1RB-Middle (3)	848.3 (20643)	18.56	18.95	18.73	18.90
		836.5 (20525)	18.72	19.08	18.92	18.91
		824.7 (20407)	18.66	18.89	19.00	18.94
	1RB-Low (0)	848.3 (20643)	18.62	18.88	18.75	18.82
		836.5 (20525)	18.75	18.93	19.00	18.68
		824.7 (20407)	18.70	19.05	18.86	18.73
	3RB-High (3)	848.3 (20643)	18.61	18.63	18.70	18.87
		836.5 (20525)	18.67	18.67	18.76	18.77
		824.7 (20407)	18.73	18.65	18.75	18.72
	3RB-Middle (1)	848.3 (20643)	18.65	18.67	18.73	18.67
		836.5 (20525)	18.68	18.68	18.75	18.84
		824.7 (20407)	18.69	18.61	18.77	18.77
	3RB-Low (0)	848.3 (20643)	18.62	18.65	18.69	18.77
		836.5 (20525)	18.66	18.64	18.84	18.80
		824.7 (20407)	18.70	18.68	18.79	18.67
	6RB (0)	848.3 (20643)	18.65	18.77	18.57	18.81
		836.5 (20525)	18.68	18.83	18.67	18.83
		824.7 (20407)	18.70	18.78	18.63	18.89
3MHz	1RB-High (14)	847.5 (20635)	18.52	18.64	18.84	18.72
		836.5 (20525)	18.64	19.06	18.83	18.69
		825.5 (20415)	18.72	18.95	18.86	18.67
	1RB-Middle (7)	847.5 (20635)	18.53	18.96	18.82	18.89
		836.5 (20525)	18.69	19.05	18.88	18.91
		825.5 (20415)	18.71	19.23	18.78	18.77
	1RB-Low (0)	847.5 (20635)	18.63	18.98	18.82	18.78
		836.5 (20525)	18.64	19.00	18.79	18.72
		825.5 (20415)	18.72	18.99	18.84	18.70
	8RB-High (7)	847.5 (20635)	18.60	18.67	18.67	18.79
		836.5 (20525)	18.67	18.72	18.73	18.67
		825.5 (20415)	18.76	18.79	18.79	18.77
	8RB-Middle (4)	847.5 (20635)	18.61	18.71	18.68	18.80
		836.5 (20525)	18.67	18.74	18.75	18.77
		825.5 (20415)	18.69	18.79	18.79	18.91
	8RB-Low (0)	847.5 (20635)	18.65	18.69	18.73	18.87
		836.5 (20525)	18.73	18.77	18.69	18.81
		825.5 (20415)	18.74	18.79	18.81	18.79
	15RB (0)	847.5 (20635)	18.64	18.66	18.64	18.92
		836.5 (20525)	18.71	18.67	18.68	18.75
		825.5 (20415)	18.72	18.69	18.72	18.89

5MHz	1RB-High (24)	846.5 (20625)	18.65	18.81	18.85	18.80
		836.5 (20525)	18.72	19.13	19.02	18.74
		826.5 (20425)	18.77	19.02	18.86	18.91
	1RB-Middle (12)	846.5 (20625)	18.68	18.99	18.95	18.72
		836.5 (20525)	18.68	19.05	18.96	18.85
		826.5 (20425)	18.75	19.05	18.91	18.91
	1RB-Low (0)	846.5 (20625)	18.61	19.06	18.87	18.95
		836.5 (20525)	18.73	19.02	18.94	18.67
		826.5 (20425)	18.68	18.93	18.90	18.90
	12RB-High (13)	846.5 (20625)	18.62	18.70	18.68	18.90
		836.5 (20525)	18.72	18.67	18.74	18.65
		826.5 (20425)	18.73	18.79	18.80	18.95
	12RB-Middle (6)	846.5 (20625)	18.66	18.71	18.72	18.94
		836.5 (20525)	18.70	18.75	18.74	18.70
		826.5 (20425)	18.73	18.74	18.79	18.66
	12RB-Low (0)	846.5 (20625)	18.70	18.69	18.70	18.74
		836.5 (20525)	18.71	18.77	18.78	18.90
		826.5 (20425)	18.74	18.75	18.80	18.65
	25RB (0)	846.5 (20625)	18.71	18.70	18.68	18.81
		836.5 (20525)	18.78	18.70	18.74	18.90
		826.5 (20425)	18.80	18.77	18.77	18.78
10MHz	1RB-High (49)	844 (20600)	18.71	18.93	18.94	18.88
		836.5 (20525)	18.73	19.09	19.01	18.82
		829 (20450)	18.79	18.99	18.97	18.76
	1RB-Middle (24)	844 (20600)	18.61	19.10	18.88	18.85
		836.5 (20525)	18.67	18.97	18.89	18.80
		829 (20450)	18.72	19.07	18.81	18.85
	1RB-Low (0)	844 (20600)	18.75	19.16	19.06	18.77
		836.5 (20525)	18.76	19.08	19.02	18.75
		829 (20450)	18.71	19.01	18.94	18.86
	25RB-High (25)	844 (20600)	18.69	18.64	18.67	18.69
		836.5 (20525)	18.72	18.69	18.74	18.73
		829 (20450)	18.71	18.72	18.71	18.65
	25RB-Middle (12)	844 (20600)	18.67	18.65	18.67	18.76
		836.5 (20525)	18.69	18.69	18.71	18.79
		829 (20450)	18.71	18.71	18.71	18.66
	25RB-Low (0)	844 (20600)	18.72	18.71	18.75	18.67
		836.5 (20525)	18.75	18.73	18.76	18.71
		829 (20450)	18.76	18.77	18.76	18.87
	50RB (0)	844 (20600)	18.69	18.68	18.67	18.79
		836.5 (20525)	18.75	18.74	18.73	18.72
		829 (20450)	18.73	18.72	18.75	18.95

LTE Band5 ANT0 - Power Level B

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (20643)	15.61	15.84	15.78	15.79
		836.5 (20525)	15.67	16.04	15.92	15.80
		824.7 (20407)	15.67	15.99	15.96	15.80
	1RB-Middle (3)	848.3 (20643)	15.60	15.83	15.80	15.75
		836.5 (20525)	15.70	16.09	15.88	15.63
		824.7 (20407)	15.71	16.01	15.82	15.64
	1RB-Low (0)	848.3 (20643)	15.58	15.87	15.83	15.88
		836.5 (20525)	15.67	15.89	15.85	15.77
		824.7 (20407)	15.65	16.02	15.92	15.83
	3RB-High (3)	848.3 (20643)	15.62	15.57	15.68	15.70
		836.5 (20525)	15.66	15.57	15.72	15.87
		824.7 (20407)	15.75	15.64	15.86	15.82
	3RB-Middle (1)	848.3 (20643)	15.64	15.56	15.75	15.73
		836.5 (20525)	15.65	15.67	15.75	15.87
		824.7 (20407)	15.71	15.68	15.78	15.72
	3RB-Low (0)	848.3 (20643)	15.62	15.58	15.72	15.69
		836.5 (20525)	15.67	15.66	15.83	15.87
		824.7 (20407)	15.71	15.62	15.76	15.68
	6RB (0)	848.3 (20643)	15.63	15.75	15.67	15.73
		836.5 (20525)	15.65	15.76	15.65	15.74
		824.7 (20407)	15.67	15.71	15.64	15.89
3MHz	1RB-High (14)	847.5 (20635)	15.60	15.71	15.83	15.82
		836.5 (20525)	15.65	16.03	16.02	15.76
		825.5 (20415)	15.75	16.11	16.01	15.83
	1RB-Middle (7)	847.5 (20635)	15.58	16.12	15.77	15.74
		836.5 (20525)	15.70	15.90	16.02	15.86
		825.5 (20415)	15.73	16.09	15.99	15.73
	1RB-Low (0)	847.5 (20635)	15.68	16.02	15.85	15.78
		836.5 (20525)	15.65	15.91	16.00	15.76
		825.5 (20415)	15.64	16.02	15.82	15.83
	8RB-High (7)	847.5 (20635)	15.58	15.61	15.67	15.74
		836.5 (20525)	15.69	15.73	15.72	15.64
		825.5 (20415)	15.73	15.81	15.82	15.77
	8RB-Middle (4)	847.5 (20635)	15.64	15.69	15.65	15.63
		836.5 (20525)	15.69	15.69	15.73	15.74
		825.5 (20415)	15.67	15.79	15.74	15.89
	8RB-Low (0)	847.5 (20635)	15.68	15.71	15.72	15.82
		836.5 (20525)	15.71	15.74	15.77	15.84
		825.5 (20415)	15.74	15.81	15.82	15.63
	15RB (0)	847.5 (20635)	15.66	15.65	15.69	15.73
		836.5 (20525)	15.67	15.67	15.65	15.87
		825.5 (20415)	15.71	15.69	15.68	15.81

5MHz	1RB-High (24)	846.5 (20625)	15.65	15.96	15.97	15.69
		836.5 (20525)	15.73	15.84	15.92	15.67
		826.5 (20425)	15.73	15.90	15.98	15.86
	1RB-Middle (12)	846.5 (20625)	15.70	16.05	15.84	15.83
		836.5 (20525)	15.77	16.04	16.04	15.89
		826.5 (20425)	15.73	16.00	16.07	15.76
	1RB-Low (0)	846.5 (20625)	15.69	16.06	15.89	15.81
		836.5 (20525)	15.74	15.87	15.96	15.69
		826.5 (20425)	15.73	16.00	15.99	15.74
	12RB-High (13)	846.5 (20625)	15.66	15.68	15.68	15.64
		836.5 (20525)	15.70	15.70	15.75	15.83
		826.5 (20425)	15.73	15.76	15.76	15.69
	12RB-Middle (6)	846.5 (20625)	15.73	15.70	15.69	15.85
		836.5 (20525)	15.70	15.72	15.73	15.89
		826.5 (20425)	15.77	15.82	15.77	15.76
	12RB-Low (0)	846.5 (20625)	15.72	15.73	15.70	15.76
		836.5 (20525)	15.74	15.79	15.76	15.80
		826.5 (20425)	15.77	15.81	15.77	15.84
	25RB (0)	846.5 (20625)	15.75	15.68	15.70	15.88
		836.5 (20525)	15.76	15.72	15.74	15.62
		826.5 (20425)	15.80	15.81	15.79	15.70
10MHz	1RB-High (49)	844 (20600)	15.71	16.11	15.85	15.81
		836.5 (20525)	15.67	16.07	15.91	15.73
		829 (20450)	15.74	15.97	15.96	15.70
	1RB-Middle (24)	844 (20600)	15.61	15.75	15.78	15.89
		836.5 (20525)	15.66	16.10	15.93	15.73
		829 (20450)	15.72	16.10	15.89	15.63
	1RB-Low (0)	844 (20600)	15.72	16.18	15.90	15.74
		836.5 (20525)	15.71	16.15	16.01	15.67
		829 (20450)	15.75	16.10	15.88	15.81
	25RB-High (25)	844 (20600)	15.69	15.66	15.66	15.81
		836.5 (20525)	15.71	15.69	15.69	15.68
		829 (20450)	15.69	15.69	15.68	15.83
	25RB-Middle (12)	844 (20600)	15.68	15.66	15.64	15.78
		836.5 (20525)	15.68	15.68	15.68	15.62
		829 (20450)	15.70	15.68	15.68	15.73
	25RB-Low (0)	844 (20600)	15.73	15.70	15.67	15.63
		836.5 (20525)	15.73	15.72	15.73	15.68
		829 (20450)	15.74	15.74	15.74	15.64
	50RB (0)	844 (20600)	15.68	15.66	15.67	15.63
		836.5 (20525)	15.70	15.71	15.71	15.88
		829 (20450)	15.73	15.74	15.70	15.79

LTE Band5 ANT0 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (20643)	23.71	22.69	21.87	18.76
		836.5 (20525)	23.69	22.91	21.86	18.88
		824.7 (20407)	23.65	22.88	21.96	18.86
	1RB-Middle (3)	848.3 (20643)	23.57	22.82	21.78	19.04
		836.5 (20525)	23.72	22.87	21.81	18.97
		824.7 (20407)	23.60	22.83	21.96	18.83
	1RB-Low (0)	848.3 (20643)	23.54	22.85	21.84	18.87
		836.5 (20525)	23.74	22.95	21.93	19.00
		824.7 (20407)	23.82	22.96	21.92	18.87
	3RB-High (3)	848.3 (20643)	23.70	22.71	21.73	18.80
		836.5 (20525)	23.76	22.61	21.75	18.94
		824.7 (20407)	23.52	22.65	21.80	18.87
	3RB-Middle (1)	848.3 (20643)	23.71	22.59	21.71	18.90
		836.5 (20525)	23.63	22.60	21.90	18.82
		824.7 (20407)	23.64	22.66	21.80	18.91
	3RB-Low (0)	848.3 (20643)	23.78	22.61	21.73	18.84
		836.5 (20525)	23.75	22.76	21.82	18.90
		824.7 (20407)	23.69	22.80	21.95	18.98
	6RB (0)	848.3 (20643)	22.64	21.87	20.66	18.74
		836.5 (20525)	22.74	21.89	20.74	18.90
		824.7 (20407)	22.60	21.81	20.74	18.76
3MHz	1RB-High (14)	847.5 (20635)	23.75	22.76	21.84	18.87
		836.5 (20525)	23.70	22.90	21.91	18.96
		825.5 (20415)	23.52	22.74	21.96	18.79
	1RB-Middle (7)	847.5 (20635)	23.78	22.92	21.84	18.98
		836.5 (20525)	23.79	22.87	21.89	18.78
		825.5 (20415)	23.77	22.71	21.97	18.99
	1RB-Low (0)	847.5 (20635)	23.62	22.80	21.99	18.82
		836.5 (20525)	23.74	22.95	21.90	18.79
		825.5 (20415)	23.73	22.91	21.93	19.03
	8RB-High (7)	847.5 (20635)	22.63	21.72	20.72	18.74
		836.5 (20525)	22.71	21.83	20.77	18.98
		825.5 (20415)	22.67	21.87	20.87	18.86
	8RB-Middle (4)	847.5 (20635)	22.69	21.80	20.71	18.92
		836.5 (20525)	22.67	21.82	20.78	18.84
		825.5 (20415)	22.63	21.89	20.83	18.93
	8RB-Low (0)	847.5 (20635)	22.73	21.77	20.80	18.85
		836.5 (20525)	22.78	21.83	20.83	18.98
		825.5 (20415)	22.64	21.92	20.87	19.05
	15RB (0)	847.5 (20635)	22.69	21.70	20.68	18.99
		836.5 (20525)	22.70	21.74	20.73	19.00
		825.5 (20415)	22.58	21.86	20.79	18.98

5MHz	1RB-High (24)	846.5 (20625)	23.92	22.91	21.97	19.02
		836.5 (20525)	23.73	22.95	22.04	18.76
		826.5 (20425)	23.85	22.86	22.08	18.95
	1RB-Middle (12)	846.5 (20625)	23.82	23.03	21.97	18.93
		836.5 (20525)	23.88	23.04	22.01	18.90
		826.5 (20425)	23.74	22.86	21.96	19.01
	1RB-Low (0)	846.5 (20625)	23.79	22.99	21.97	18.99
		836.5 (20525)	23.90	22.94	21.97	18.89
		826.5 (20425)	23.89	23.01	22.00	18.70
	12RB-High (13)	846.5 (20625)	22.76	21.81	20.80	18.76
		836.5 (20525)	22.80	21.86	20.87	18.85
		826.5 (20425)	22.75	21.85	20.90	18.95
	12RB-Middle (6)	846.5 (20625)	22.80	21.87	20.79	18.72
		836.5 (20525)	22.81	21.87	20.84	18.95
		826.5 (20425)	22.73	21.88	20.90	18.87
	12RB-Low (0)	846.5 (20625)	22.81	21.86	20.86	18.80
		836.5 (20525)	22.81	21.91	20.88	18.79
		826.5 (20425)	22.76	21.89	20.90	18.80
	25RB (0)	846.5 (20625)	22.83	21.81	20.80	18.76
		836.5 (20525)	22.78	21.87	20.82	18.91
		826.5 (20425)	22.75	21.91	20.88	18.74
10MHz	1RB-High (49)	844 (20600)	23.97	23.06	22.03	18.77
		836.5 (20525)	23.97	23.05	22.10	18.79
		829 (20450)	23.94	23.00	22.06	18.91
	1RB-Middle (24)	844 (20600)	23.97	23.15	21.90	18.86
		836.5 (20525)	23.93	23.01	22.07	18.93
		829 (20450)	23.84	22.94	21.94	18.89
	1RB-Low (0)	844 (20600)	23.99	23.21	22.17	18.97
		836.5 (20525)	23.92	23.06	22.06	18.73
		829 (20450)	24.02	23.13	22.12	18.81
	25RB-High (25)	844 (20600)	22.93	21.88	20.83	19.02
		836.5 (20525)	22.92	21.92	20.89	18.95
		829 (20450)	22.94	21.89	20.85	18.88
	25RB-Middle (12)	844 (20600)	22.96	21.87	20.84	18.96
		836.5 (20525)	22.88	21.92	20.84	18.71
		829 (20450)	22.91	21.92	20.84	19.05
	25RB-Low (0)	844 (20600)	22.95	21.93	20.89	18.80
		836.5 (20525)	22.93	21.92	20.90	18.97
		829 (20450)	22.96	21.96	20.90	18.92
	50RB (0)	844 (20600)	22.95	21.89	20.85	18.98
		836.5 (20525)	22.91	21.91	20.89	18.95
		829 (20450)	22.80	21.93	20.86	18.99

LTE Band7 ANT3 - Power Level A

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	13.05	13.42	13.26	12.77
		2535 (21100)	12.82	13.34	13.13	12.92
		2502.5 (20775)	12.66	12.99	13.09	12.92
	1RB-Middle (12)	2567.5 (21425)	13.06	13.41	13.26	13.00
		2535 (21100)	12.87	13.31	13.18	12.91
		2502.5 (20775)	12.66	13.20	12.97	13.03
	1RB-Low (0)	2567.5 (21425)	13.03	13.25	13.40	12.94
		2535 (21100)	12.91	13.38	13.18	12.75
		2502.5 (20775)	12.80	13.08	12.96	12.86
	12RB-High (13)	2567.5 (21425)	13.07	13.03	13.06	12.93
		2535 (21100)	12.96	12.93	12.89	13.00
		2502.5 (20775)	12.80	12.84	12.80	12.78
	12RB-Middle (6)	2567.5 (21425)	13.08	13.10	13.12	12.97
		2535 (21100)	12.92	12.92	13.01	13.01
		2502.5 (20775)	12.76	12.75	12.79	12.98
	12RB-Low (0)	2567.5 (21425)	13.05	13.15	13.09	13.01
		2535 (21100)	12.96	12.90	12.98	13.03
		2502.5 (20775)	12.76	12.77	12.84	12.85
	25RB (0)	2567.5 (21425)	13.13	13.07	13.08	12.77
		2535 (21100)	12.93	12.89	12.92	12.96
		2502.5 (20775)	12.82	12.76	12.80	13.01
10MHz	1RB-High (49)	2565 (21400)	13.01	13.51	13.32	12.95
		2535 (21100)	12.93	13.13	13.15	13.03
		2505 (20800)	12.86	13.30	12.95	12.81
	1RB-Middle (24)	2565 (21400)	12.97	13.50	13.27	13.02
		2535 (21100)	12.87	13.42	13.16	12.84
		2505 (20800)	12.75	12.97	13.00	12.86
	1RB-Low (0)	2565 (21400)	13.07	13.51	13.19	12.98
		2535 (21100)	12.88	13.35	13.12	13.02
		2505 (20800)	12.80	13.14	12.98	12.95
	25RB-High (25)	2565 (21400)	13.05	13.06	13.04	12.78
		2535 (21100)	12.91	12.92	12.90	12.91
		2505 (20800)	12.79	12.79	12.78	12.88
	25RB-Middle (12)	2565 (21400)	13.08	13.06	13.04	12.82
		2535 (21100)	12.91	12.91	12.89	12.80
		2505 (20800)	12.81	12.77	12.77	12.77
	25RB-Low (0)	2565 (21400)	13.09	13.10	13.07	12.93
		2535 (21100)	12.90	12.91	12.90	12.82
		2505 (20800)	12.77	12.73	12.76	12.97
	50RB (0)	2565 (21400)	13.05	13.07	13.06	12.93
		2535 (21100)	12.91	12.91	12.88	13.05
		2505 (20800)	12.79	12.75	12.73	12.95

15MHz	1RB-High (74)	2562.5 (21375)	13.04	13.41	13.23	13.01
		2535 (21100)	12.94	13.27	13.24	12.81
		2507.5 (20825)	12.77	13.00	12.99	12.85
	1RB-Middle (37)	2562.5 (21375)	13.05	13.41	13.31	12.79
		2535 (21100)	12.94	13.27	13.16	12.88
		2507.5 (20825)	12.74	13.22	13.05	12.78
	1RB-Low (0)	2562.5 (21375)	13.10	13.41	13.26	12.95
		2535 (21100)	12.84	13.26	13.10	12.97
		2507.5 (20825)	12.78	13.08	13.01	12.87
	36RB-High (38)	2562.5 (21375)	13.01	13.04	13.05	12.76
		2535 (21100)	12.91	12.96	12.96	12.78
		2507.5 (20825)	12.72	12.70	12.76	12.75
	36RB-Middle (19)	2562.5 (21375)	13.05	13.06	13.08	12.82
		2535 (21100)	12.86	12.84	12.94	13.01
		2507.5 (20825)	12.76	12.74	12.79	13.02
	36RB-Low (0)	2562.5 (21375)	13.06	13.05	13.05	13.01
		2535 (21100)	12.89	12.87	12.91	12.97
		2507.5 (20825)	12.75	12.72	12.77	13.03
	75RB (0)	2562.5 (21375)	13.03	13.09	13.06	12.89
		2535 (21100)	12.88	12.93	12.87	12.77
		2507.5 (20825)	12.76	12.77	12.78	12.92
20MHz	1RB-High (99)	2560 (21350)	13.03	13.30	13.28	12.94
		2535 (21100)	12.93	13.45	13.23	12.76
		2510 (20850)	12.91	13.19	12.95	12.98
	1RB-Middle (50)	2560 (21350)	13.09	13.52	13.20	12.93
		2535 (21100)	12.97	13.38	13.18	12.89
		2510 (20850)	12.74	13.07	13.06	13.02
	1RB-Low (0)	2560 (21350)	13.11	13.46	13.16	12.93
		2535 (21100)	12.89	13.07	13.16	13.03
		2510 (20850)	12.76	12.84	12.95	12.96
	50RB-High (50)	2560 (21350)	13.08	13.07	13.06	12.77
		2535 (21100)	13.02	12.97	12.99	12.75
		2510 (20850)	12.81	12.79	12.80	12.92
	50RB-Middle (25)	2560 (21350)	13.09	13.09	13.08	13.00
		2535 (21100)	12.93	12.92	12.93	12.97
		2510 (20850)	12.81	12.79	12.76	12.79
	50RB-Low (0)	2560 (21350)	13.11	13.07	13.06	12.83
		2535 (21100)	12.93	12.95	12.94	13.04
		2510 (20850)	12.77	12.76	12.74	12.80
	100RB (0)	2560 (21350)	13.08	13.04	13.04	12.83
		2535 (21100)	12.96	12.93	12.91	12.94
		2510 (20850)	12.82	12.78	12.87	12.89

LTE Band7 ANT3 - Power Level B

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	10.15	10.59	10.34	9.94
		2535 (21100)	9.93	10.32	10.17	9.93
		2502.5 (20775)	9.78	10.08	10.03	9.96
	1RB-Middle (12)	2567.5 (21425)	10.03	10.32	10.44	9.86
		2535 (21100)	9.99	10.39	10.30	9.85
		2502.5 (20775)	9.90	10.28	10.11	9.91
	1RB-Low (0)	2567.5 (21425)	10.10	10.49	10.32	9.95
		2535 (21100)	9.92	10.25	10.08	9.98
		2502.5 (20775)	9.66	10.25	9.84	10.07
	12RB-High (13)	2567.5 (21425)	10.09	10.07	10.10	10.07
		2535 (21100)	9.93	10.00	9.95	9.98
		2502.5 (20775)	9.79	9.85	9.88	10.07
	12RB-Middle (6)	2567.5 (21425)	10.08	10.11	10.12	10.07
		2535 (21100)	9.95	10.02	10.01	10.04
		2502.5 (20775)	9.77	9.82	9.88	9.86
	12RB-Low (0)	2567.5 (21425)	10.11	10.17	10.11	9.87
		2535 (21100)	9.97	9.96	10.03	10.03
		2502.5 (20775)	9.77	9.79	9.81	10.05
	25RB (0)	2567.5 (21425)	10.11	10.12	10.11	9.99
		2535 (21100)	9.99	9.97	9.94	10.08
		2502.5 (20775)	9.83	9.82	9.81	9.95
10MHz	1RB-High (49)	2565 (21400)	10.08	10.31	10.35	10.03
		2535 (21100)	10.01	10.39	10.21	9.97
		2505 (20800)	9.78	10.37	10.00	9.95
	1RB-Middle (24)	2565 (21400)	10.04	10.56	10.26	10.05
		2535 (21100)	9.99	10.27	10.21	9.87
		2505 (20800)	9.76	10.11	9.88	10.02
	1RB-Low (0)	2565 (21400)	10.16	10.44	10.30	9.92
		2535 (21100)	10.01	10.35	10.28	9.90
		2505 (20800)	9.83	10.13	10.02	10.07
	25RB-High (25)	2565 (21400)	10.10	10.05	10.08	9.98
		2535 (21100)	9.98	9.95	9.99	9.92
		2505 (20800)	9.83	9.81	9.81	9.93
	25RB-Middle (12)	2565 (21400)	10.09	10.08	10.10	9.99
		2535 (21100)	9.97	9.96	9.96	9.94
		2505 (20800)	9.81	9.80	9.81	10.00
	25RB-Low (0)	2565 (21400)	10.12	10.12	10.13	10.02
		2535 (21100)	9.97	9.95	9.95	9.86
		2505 (20800)	9.77	9.75	9.78	9.87
	50RB (0)	2565 (21400)	10.12	10.09	10.12	10.01
		2535 (21100)	9.95	9.96	9.97	9.96
		2505 (20800)	9.81	9.81	9.77	9.85

15MHz	1RB-High (74)	2562.5 (21375)	10.12	10.51	10.28	10.08
		2535 (21100)	10.03	10.34	10.29	10.09
		2507.5 (20825)	9.86	10.15	10.07	9.92
	1RB-Middle (37)	2562.5 (21375)	10.08	10.50	10.21	10.08
		2535 (21100)	10.01	10.44	10.30	10.08
		2507.5 (20825)	9.77	10.31	9.98	10.07
	1RB-Low (0)	2562.5 (21375)	10.11	10.47	10.28	9.97
		2535 (21100)	10.02	10.28	10.18	10.03
		2507.5 (20825)	9.76	9.97	10.01	10.07
	36RB-High (38)	2562.5 (21375)	10.08	10.09	10.10	9.97
		2535 (21100)	9.97	9.97	10.00	9.85
		2507.5 (20825)	9.77	9.77	9.77	9.99
	36RB-Middle (19)	2562.5 (21375)	10.08	10.11	10.12	10.07
		2535 (21100)	9.93	9.93	9.99	9.91
		2507.5 (20825)	9.79	9.79	9.81	10.00
	36RB-Low (0)	2562.5 (21375)	10.10	10.11	10.13	9.99
		2535 (21100)	9.94	9.95	9.96	9.96
		2507.5 (20825)	9.79	9.79	9.81	10.02
	75RB (0)	2562.5 (21375)	10.11	10.11	10.11	9.89
		2535 (21100)	9.96	9.98	9.94	9.96
		2507.5 (20825)	9.82	9.84	9.82	9.85
20MHz	1RB-High (99)	2560 (21350)	10.08	10.34	10.31	9.93
		2535 (21100)	10.10	10.38	10.21	9.89
		2510 (20850)	9.82	10.25	9.90	9.85
	1RB-Middle (50)	2560 (21350)	10.16	10.43	10.38	9.99
		2535 (21100)	9.97	10.42	10.38	10.08
		2510 (20850)	9.91	9.92	9.91	9.91
	1RB-Low (0)	2560 (21350)	10.10	10.52	10.24	9.85
		2535 (21100)	9.92	10.41	10.06	9.94
		2510 (20850)	9.84	10.25	9.97	10.04
	50RB-High (50)	2560 (21350)	10.12	10.11	10.12	10.00
		2535 (21100)	10.07	10.03	10.00	9.94
		2510 (20850)	9.86	9.85	9.84	10.00
	50RB-Middle (25)	2560 (21350)	10.17	10.15	10.12	10.07
		2535 (21100)	10.01	10.01	10.01	10.07
		2510 (20850)	9.84	9.83	9.85	9.87
	50RB-Low (0)	2560 (21350)	10.14	10.16	10.12	10.07
		2535 (21100)	10.02	9.99	9.97	10.06
		2510 (20850)	9.84	9.79	9.79	9.99
	100RB (0)	2560 (21350)	10.14	10.10	10.11	9.89
		2535 (21100)	10.02	10.00	9.99	10.03
		2510 (20850)	9.88	9.82	9.82	10.04

LTE Band7 ANT3 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	23.30	22.32	21.24	17.82
		2535 (21100)	23.18	22.39	21.33	17.90
		2502.5 (20775)	22.89	22.06	21.14	17.74
	1RB-Middle (12)	2567.5 (21425)	23.18	22.32	21.32	17.89
		2535 (21100)	23.03	22.31	21.23	17.81
		2502.5 (20775)	22.95	22.11	21.02	17.64
	1RB-Low (0)	2567.5 (21425)	23.23	22.27	21.29	17.87
		2535 (21100)	23.05	22.29	21.30	17.87
		2502.5 (20775)	22.83	22.05	21.04	17.66
	12RB-High (13)	2567.5 (21425)	22.09	21.13	20.16	17.94
		2535 (21100)	22.09	21.09	20.13	17.91
		2502.5 (20775)	21.96	20.99	19.96	17.76
	12RB-Middle (6)	2567.5 (21425)	22.09	21.11	20.14	17.92
		2535 (21100)	22.08	21.11	20.05	17.84
		2502.5 (20775)	21.93	20.95	19.89	17.70
	12RB-Low (0)	2567.5 (21425)	22.13	21.22	20.20	17.97
		2535 (21100)	22.08	21.07	20.09	17.88
		2502.5 (20775)	21.89	20.94	19.94	17.74
	25RB (0)	2567.5 (21425)	22.13	21.22	20.11	17.89
		2535 (21100)	22.09	21.11	20.08	17.87
		2502.5 (20775)	21.96	20.95	19.88	17.69
10MHz	1RB-High (49)	2565 (21400)	23.24	22.24	21.28	17.86
		2535 (21100)	23.19	22.38	21.23	17.81
		2505 (20800)	22.93	22.31	21.06	17.67
	1RB-Middle (24)	2565 (21400)	23.14	22.42	21.31	17.88
		2535 (21100)	23.11	22.27	21.27	17.26
		2505 (20800)	22.91	22.21	21.00	17.62
	1RB-Low (0)	2565 (21400)	23.10	22.46	21.28	17.86
		2535 (21100)	23.05	22.32	21.18	17.77
		2505 (20800)	23.05	22.12	21.09	17.70
	25RB-High (25)	2565 (21400)	22.11	21.12	20.10	17.88
		2535 (21100)	22.09	21.10	20.04	17.83
		2505 (20800)	21.92	20.94	19.91	17.72
	25RB-Middle (12)	2565 (21400)	22.09	21.11	20.05	17.84
		2535 (21100)	22.05	21.05	20.02	17.77
		2505 (20800)	21.90	20.94	19.87	17.68
	25RB-Low (0)	2565 (21400)	22.13	21.14	20.12	17.90
		2535 (21100)	22.07	21.07	20.07	17.86
		2505 (20800)	21.88	20.90	19.83	17.64
	50RB (0)	2565 (21400)	22.11	21.13	20.09	17.88
		2535 (21100)	22.09	21.08	20.04	17.83
		2505 (20800)	21.90	20.89	19.88	17.69

15MHz	1RB-High (74)	2562.5 (21375)	23.20	22.24	21.28	17.86
		2535 (21100)	23.09	22.42	21.39	17.95
		2507.5 (20825)	23.10	22.22	21.07	17.68
	1RB-Middle (37)	2562.5 (21375)	23.22	22.29	21.16	17.43
		2535 (21100)	23.10	22.31	21.33	17.90
		2507.5 (20825)	22.97	22.14	21.02	17.64
	1RB-Low (0)	2562.5 (21375)	23.13	22.26	21.29	17.87
		2535 (21100)	23.07	22.38	21.22	17.81
		2507.5 (20825)	22.85	22.06	20.98	17.61
	36RB-High (38)	2562.5 (21375)	22.07	21.08	20.14	17.92
		2535 (21100)	22.08	21.05	20.10	17.88
		2507.5 (20825)	21.92	20.92	19.93	17.73
	36RB-Middle (19)	2562.5 (21375)	22.08	21.10	20.10	17.88
		2535 (21100)	22.03	21.03	20.05	17.84
		2507.5 (20825)	21.90	20.89	19.91	17.72
	36RB-Low (0)	2562.5 (21375)	22.06	21.10	20.12	17.90
		2535 (21100)	22.04	21.03	20.05	17.84
		2507.5 (20825)	21.87	20.89	19.89	17.70
	75RB (0)	2562.5 (21375)	22.11	21.12	20.12	17.90
		2535 (21100)	22.07	21.07	20.06	17.85
		2507.5 (20825)	21.93	20.97	19.95	17.75
20MHz	1RB-High (99)	2560 (21350)	23.16	22.35	21.31	17.88
		2535 (21100)	23.17	22.37	21.29	17.87
		2510 (20850)	22.98	22.25	21.11	17.71
	1RB-Middle (50)	2560 (21350)	22.99	22.39	21.22	17.81
		2535 (21100)	23.10	22.39	21.18	17.77
		2510 (20850)	22.97	22.20	21.12	17.72
	1RB-Low (0)	2560 (21350)	23.17	22.39	21.42	17.97
		2535 (21100)	23.00	22.36	21.26	17.84
		2510 (20850)	22.89	22.18	21.04	17.66
	50RB-High (50)	2560 (21350)	22.05	21.09	20.10	17.88
		2535 (21100)	22.10	21.11	20.12	17.90
		2510 (20850)	21.96	20.98	19.98	17.78
	50RB-Middle (25)	2560 (21350)	22.09	21.14	20.10	17.88
		2535 (21100)	22.06	21.08	20.08	17.87
		2510 (20850)	22.95	20.92	19.90	17.71
	50RB-Low (0)	2560 (21350)	22.10	21.12	20.11	17.89
		2535 (21100)	22.07	21.09	20.05	17.84
		2510 (20850)	21.91	20.89	19.87	17.68
	100RB (0)	2560 (21350)	22.10	21.14	20.08	17.87
		2535 (21100)	22.08	21.08	20.04	17.83
		2510 (20850)	21.95	20.91	19.94	17.74

LTE Band12 ANT0 - Power Level A

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	18.58	18.93	18.83	17.69
		707.5 (23095)	18.61	19.02	18.64	17.80
		699.7 (23017)	18.60	18.85	18.81	17.63
	1RB-Middle (3)	715.3 (23173)	18.59	18.92	18.75	17.58
		707.5 (23095)	18.62	18.99	18.61	17.68
		699.7 (23017)	18.60	18.90	18.83	17.79
	1RB-Low (0)	715.3 (23173)	18.62	18.91	18.85	17.66
		707.5 (23095)	18.65	19.05	18.69	17.87
		699.7 (23017)	18.63	18.86	18.88	17.74
	3RB-High (3)	715.3 (23173)	18.60	18.63	18.66	17.90
		707.5 (23095)	18.64	18.54	18.77	17.79
		699.7 (23017)	18.63	18.63	18.74	17.88
	3RB-Middle (1)	715.3 (23173)	18.61	18.67	18.71	17.61
		707.5 (23095)	18.65	18.53	18.75	17.72
		699.7 (23017)	18.63	18.58	18.66	17.65
	3RB-Low (0)	715.3 (23173)	18.63	18.62	18.67	17.75
		707.5 (23095)	18.67	18.67	18.71	17.58
		699.7 (23017)	18.66	18.62	18.72	17.83
	6RB (0)	715.3 (23173)	18.61	18.74	18.56	17.61
		707.5 (23095)	18.64	18.72	18.67	17.82
		699.7 (23017)	18.63	18.70	18.60	17.69
3MHz	1RB-High (14)	714.5 (23165)	18.59	18.78	18.88	17.71
		707.5 (23095)	18.60	18.99	18.90	17.68
		700.5 (23025)	18.63	19.01	18.77	17.68
	1RB-Middle (7)	714.5 (23165)	18.74	18.90	18.84	17.72
		707.5 (23095)	18.60	18.92	18.94	17.67
		700.5 (23025)	18.64	18.84	18.77	17.61
	1RB-Low (0)	714.5 (23165)	18.64	18.95	18.64	17.63
		707.5 (23095)	18.62	18.91	18.91	17.73
		700.5 (23025)	18.66	18.91	18.87	17.58
	8RB-High (7)	714.5 (23165)	18.60	18.65	18.61	17.61
		707.5 (23095)	18.62	18.67	18.69	17.82
		700.5 (23025)	18.62	18.67	18.71	17.61
	8RB-Middle (4)	714.5 (23165)	18.65	18.68	18.63	17.65
		707.5 (23095)	18.65	18.69	18.71	17.64
		700.5 (23025)	18.63	18.69	18.66	17.64
	8RB-Low (0)	714.5 (23165)	18.68	18.62	18.62	17.86
		707.5 (23095)	18.66	18.72	18.71	17.89
		700.5 (23025)	18.66	18.74	18.72	17.80
	15RB (0)	714.5 (23165)	18.65	18.65	18.65	17.81
		707.5 (23095)	18.64	18.64	18.63	17.82
		700.5 (23025)	18.65	18.63	18.63	17.84

5MHz	1RB-High (24)	713.5 (23155)	18.65	18.86	18.85	17.75
		707.5 (23095)	18.69	18.97	18.86	17.73
		701.5 (23035)	18.68	18.84	18.98	17.87
	1RB-Middle (12)	713.5 (23155)	18.70	19.01	18.93	17.81
		707.5 (23095)	18.72	19.09	18.74	17.58
		701.5 (23035)	18.63	18.93	18.89	17.61
	1RB-Low (0)	713.5 (23155)	18.67	19.04	18.92	17.57
		707.5 (23095)	18.65	19.05	18.88	17.66
		701.5 (23035)	18.68	19.06	18.86	17.67
	12RB-High (13)	713.5 (23155)	18.62	18.63	18.70	17.58
		707.5 (23095)	18.65	18.74	18.70	17.68
		701.5 (23035)	18.70	18.69	18.72	17.76
	12RB-Middle (6)	713.5 (23155)	18.69	18.74	18.69	17.84
		707.5 (23095)	18.72	18.74	18.71	17.83
		701.5 (23035)	18.68	18.71	18.73	17.86
	12RB-Low (0)	713.5 (23155)	18.66	18.71	18.74	17.83
		707.5 (23095)	18.72	18.76	18.76	17.87
		701.5 (23035)	18.68	18.70	18.72	17.63
	25RB (0)	713.5 (23155)	18.66	18.69	18.65	17.81
		707.5 (23095)	18.73	18.73	18.75	17.68
		701.5 (23035)	18.75	18.71	18.71	17.56
10MHz	1RB-High (49)	711 (23130)	18.65	18.82	18.82	17.58
		707.5 (23095)	18.70	18.97	18.82	17.75
		704 (23060)	18.72	19.10	18.88	17.76
	1RB-Middle (24)	711 (23130)	18.62	18.93	18.78	17.67
		707.5 (23095)	18.67	19.09	18.87	17.85
		704 (23060)	18.62	19.01	18.78	17.62
	1RB-Low (0)	711 (23130)	18.68	19.06	18.94	17.77
		707.5 (23095)	18.76	19.13	18.91	17.58
		704 (23060)	18.78	19.09	18.95	17.79
	25RB-High (25)	711 (23130)	18.65	18.63	18.62	17.65
		707.5 (23095)	18.67	18.69	18.67	17.71
		704 (23060)	18.68	18.69	18.66	17.85
	25RB-Middle (12)	711 (23130)	18.61	18.63	18.63	17.82
		707.5 (23095)	18.71	18.71	18.70	17.68
		704 (23060)	18.68	18.68	18.70	17.80
	25RB-Low (0)	711 (23130)	18.68	18.68	18.69	17.84
		707.5 (23095)	18.72	18.71	18.71	17.85
		704 (23060)	18.71	18.72	18.73	17.71
	50RB (0)	711 (23130)	18.66	18.68	18.66	17.62
		707.5 (23095)	18.69	18.69	18.70	17.88
		704 (23060)	18.72	18.74	18.69	17.88

LTE Band12 ANT0 - Power Level B

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	15.63	15.93	15.83	15.81
		707.5 (23095)	15.63	15.98	15.88	15.70
		699.7 (23017)	15.62	15.90	15.83	15.84
	1RB-Middle (3)	715.3 (23173)	15.62	15.97	15.91	15.57
		707.5 (23095)	15.64	15.99	15.96	15.64
		699.7 (23017)	15.58	15.98	15.76	15.62
	1RB-Low (0)	715.3 (23173)	15.61	15.99	15.86	15.76
		707.5 (23095)	15.69	15.98	15.81	15.68
		699.7 (23017)	15.61	16.01	15.84	15.69
	3RB-High (3)	715.3 (23173)	15.62	15.60	15.72	15.67
		707.5 (23095)	15.65	15.59	15.72	15.68
		699.7 (23017)	15.61	15.65	15.71	15.80
	3RB-Middle (1)	715.3 (23173)	15.65	15.70	15.76	15.58
		707.5 (23095)	15.64	15.58	15.73	15.66
		699.7 (23017)	15.67	15.65	15.72	15.90
	3RB-Low (0)	715.3 (23173)	15.66	15.61	15.74	15.62
		707.5 (23095)	15.66	15.67	15.75	15.60
		699.7 (23017)	15.67	15.59	15.72	15.84
	6RB (0)	715.3 (23173)	15.60	15.75	15.57	15.74
		707.5 (23095)	15.66	15.65	15.60	15.77
		699.7 (23017)	15.66	15.72	15.63	15.59
3MHz	1RB-High (14)	714.5 (23165)	15.58	15.91	15.87	15.74
		707.5 (23095)	15.58	15.79	15.91	15.87
		700.5 (23025)	15.58	15.86	15.88	15.61
	1RB-Middle (7)	714.5 (23165)	15.56	16.00	15.82	15.70
		707.5 (23095)	15.59	16.01	15.87	15.69
		700.5 (23025)	15.57	16.11	15.76	15.66
	1RB-Low (0)	714.5 (23165)	15.62	15.97	15.80	15.71
		707.5 (23095)	15.68	16.11	15.92	15.86
		700.5 (23025)	15.64	16.02	15.91	15.71
	8RB-High (7)	714.5 (23165)	15.61	15.66	15.62	15.58
		707.5 (23095)	15.62	15.68	15.69	15.66
		700.5 (23025)	15.62	15.70	15.72	15.72
	8RB-Middle (4)	714.5 (23165)	15.60	15.69	15.62	15.61
		707.5 (23095)	15.67	15.70	15.67	15.82
		700.5 (23025)	15.63	15.70	15.70	15.87
	8RB-Low (0)	714.5 (23165)	15.65	15.75	15.70	15.61
		707.5 (23095)	15.64	15.73	15.72	15.87
		700.5 (23025)	15.61	15.72	15.72	15.56
	15RB (0)	714.5 (23165)	15.59	15.60	15.61	15.85
		707.5 (23095)	15.62	15.67	15.62	15.84
		700.5 (23025)	15.64	15.67	15.66	15.63

5MHz	1RB-High (24)	713.5 (23155)	15.62	16.03	15.82	15.72
		707.5 (23095)	15.69	16.01	15.80	15.55
		701.5 (23035)	15.66	16.03	15.83	15.90
	1RB-Middle (12)	713.5 (23155)	15.70	15.96	15.94	15.68
		707.5 (23095)	15.72	16.06	15.91	15.82
		701.5 (23035)	15.60	15.96	15.70	15.69
	1RB-Low (0)	713.5 (23155)	15.70	15.99	15.87	15.57
		707.5 (23095)	15.68	16.00	15.91	15.71
		701.5 (23035)	15.68	16.01	15.83	15.79
	12RB-High (13)	713.5 (23155)	15.62	15.71	15.68	15.71
		707.5 (23095)	15.67	15.70	15.72	15.85
		701.5 (23035)	15.73	15.75	15.75	15.68
	12RB-Middle (6)	713.5 (23155)	15.68	15.72	15.72	15.79
		707.5 (23095)	15.70	15.74	15.74	15.63
		701.5 (23035)	15.68	15.71	15.73	15.79
	12RB-Low (0)	713.5 (23155)	15.67	15.71	15.74	15.69
		707.5 (23095)	15.72	15.77	15.75	15.58
		701.5 (23035)	15.69	15.72	15.77	15.60
	25RB (0)	713.5 (23155)	15.67	15.65	15.65	15.56
		707.5 (23095)	15.75	15.74	15.70	15.80
		701.5 (23035)	15.71	15.71	15.72	15.75
10MHz	1RB-High (49)	711 (23130)	15.70	16.14	15.88	15.80
		707.5 (23095)	15.66	15.94	15.88	15.64
		704 (23060)	15.72	16.07	15.89	15.58
	1RB-Middle (24)	711 (23130)	15.64	15.90	15.85	15.56
		707.5 (23095)	15.72	15.94	15.92	15.62
		704 (23060)	15.66	15.96	15.81	15.78
	1RB-Low (0)	711 (23130)	15.82	16.15	15.96	15.88
		707.5 (23095)	15.76	16.07	15.95	15.79
		704 (23060)	15.83	16.09	15.91	15.84
	25RB-High (25)	711 (23130)	15.66	15.66	15.63	15.78
		707.5 (23095)	15.67	15.71	15.67	15.89
		704 (23060)	15.69	15.69	15.67	15.57
	25RB-Middle (12)	711 (23130)	15.62	15.64	15.64	15.58
		707.5 (23095)	15.69	15.72	15.67	15.62
		704 (23060)	15.67	15.66	15.70	15.62
	25RB-Low (0)	711 (23130)	15.68	15.73	15.69	15.79
		707.5 (23095)	15.74	15.73	15.72	15.80
		704 (23060)	15.73	15.72	15.73	15.69
	50RB (0)	711 (23130)	15.67	15.68	15.67	15.64
		707.5 (23095)	15.70	15.71	15.69	15.70
		704 (23060)	15.72	15.68	15.70	15.67

LTE Band12 ANT0 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	22.76	21.93	20.86	17.64
		707.5 (23095)	22.91	22.08	20.88	17.66
		699.7 (23017)	22.75	22.05	20.91	17.68
	1RB-Middle (3)	715.3 (23173)	22.71	21.87	20.91	17.68
		707.5 (23095)	22.85	22.10	20.89	17.67
		699.7 (23017)	22.73	21.82	20.91	17.68
	1RB-Low (0)	715.3 (23173)	22.84	22.00	20.85	17.63
		707.5 (23095)	22.81	21.98	20.96	17.73
		699.7 (23017)	22.82	21.89	20.99	17.75
	3RB-High (3)	715.3 (23173)	22.80	21.75	20.83	17.63
		707.5 (23095)	22.88	21.87	20.84	17.64
		699.7 (23017)	22.76	21.68	20.78	17.59
	3RB-Middle (1)	715.3 (23173)	22.70	21.65	20.89	17.68
		707.5 (23095)	22.68	21.64	20.81	17.61
		699.7 (23017)	22.87	21.83	20.76	17.57
	3RB-Low (0)	715.3 (23173)	22.72	21.73	20.70	17.52
		707.5 (23095)	22.82	21.76	20.80	17.60
		699.7 (23017)	22.73	21.71	20.85	17.65
	6RB (0)	715.3 (23173)	21.72	20.74	19.68	17.60
		707.5 (23095)	21.72	20.78	19.76	17.67
		699.7 (23017)	21.73	20.83	19.71	17.63
3MHz	1RB-High (14)	714.5 (23165)	22.73	21.96	20.83	17.62
		707.5 (23095)	22.72	22.11	20.86	17.64
		700.5 (23025)	22.72	22.03	20.81	17.60
	1RB-Middle (7)	714.5 (23165)	22.70	21.75	20.81	17.60
		707.5 (23095)	22.79	22.02	20.96	17.73
		700.5 (23025)	22.76	22.04	20.94	17.71
	1RB-Low (0)	714.5 (23165)	22.75	21.89	20.83	17.62
		707.5 (23095)	22.71	21.98	20.85	17.63
		700.5 (23025)	22.83	21.88	20.86	17.64
	8RB-High (7)	714.5 (23165)	21.67	20.70	19.69	17.61
		707.5 (23095)	21.77	20.83	19.80	17.71
		700.5 (23025)	21.73	20.82	19.76	17.67
	8RB-Middle (4)	714.5 (23165)	21.68	20.72	19.66	17.58
		707.5 (23095)	21.78	20.84	19.77	17.68
		700.5 (23025)	21.79	20.83	19.80	17.71
	8RB-Low (0)	714.5 (23165)	21.75	20.84	19.77	17.68
		707.5 (23095)	21.77	21.75	19.76	17.46
		700.5 (23025)	21.78	20.84	19.78	17.69
	15RB (0)	714.5 (23165)	21.71	20.68	19.69	17.61
		707.5 (23095)	21.80	20.77	19.73	17.65
		700.5 (23025)	21.72	20.81	19.78	17.69

5MHz	1RB-High (24)	713.5 (23155)	22.82	21.97	21.01	17.77
		707.5 (23095)	22.77	21.97	20.92	17.69
		701.5 (23035)	22.78	22.05	20.89	17.67
	1RB-Middle (12)	713.5 (23155)	22.65	22.06	20.94	17.71
		707.5 (23095)	22.82	22.12	21.01	17.77
		701.5 (23035)	22.74	22.07	20.91	17.68
	1RB-Low (0)	713.5 (23155)	22.81	22.02	20.05	17.19
		707.5 (23095)	22.83	22.04	20.99	17.75
		701.5 (23035)	22.82	22.06	20.97	17.74
	12RB-High (13)	713.5 (23155)	21.70	20.74	19.74	17.66
		707.5 (23095)	21.80	20.83	19.85	17.75
		701.5 (23035)	22.86	20.82	19.82	17.73
	12RB-Middle (6)	713.5 (23155)	21.76	20.73	19.78	17.69
		707.5 (23095)	21.79	20.78	19.82	17.73
		701.5 (23035)	21.79	20.80	19.81	17.72
	12RB-Low (0)	713.5 (23155)	21.80	20.78	19.79	17.78
		707.5 (23095)	21.86	20.84	19.87	17.77
		701.5 (23035)	21.83	20.87	19.83	17.82
	25RB (0)	713.5 (23155)	21.77	20.73	19.73	17.65
		707.5 (23095)	21.86	20.86	19.78	17.69
		701.5 (23035)	21.82	20.83	19.76	17.67
10MHz	1RB-High (49)	711 (23130)	22.76	21.80	20.85	17.63
		707.5 (23095)	22.78	21.94	20.92	17.69
		704 (23060)	22.75	22.06	20.95	17.72
	1RB-Middle (24)	711 (23130)	22.78	22.02	20.93	17.70
		707.5 (23095)	22.80	21.96	20.99	17.75
		704 (23060)	22.85	21.92	21.00	17.76
	1RB-Low (0)	711 (23130)	22.79	22.06	20.97	17.74
		707.5 (23095)	22.82	22.04	20.94	17.71
		704 (23060)	22.75	21.91	20.97	17.74
	25RB-High (25)	711 (23130)	21.73	20.78	19.72	17.64
		707.5 (23095)	21.77	20.74	19.74	17.66
		704 (23060)	21.81	20.75	19.79	17.70
	25RB-Middle (12)	711 (23130)	21.78	20.77	19.77	17.68
		707.5 (23095)	21.77	20.78	19.78	17.69
		704 (23060)	21.80	20.77	19.78	17.69
	25RB-Low (0)	711 (23130)	21.82	20.80	19.80	17.71
		707.5 (23095)	21.80	20.79	19.80	17.71
		704 (23060)	21.75	20.78	19.76	17.67
	50RB (0)	711 (23130)	21.74	20.74	19.75	17.67
		707.5 (23095)	21.79	20.80	19.78	17.69
		704 (23060)	21.79	20.78	19.75	17.67

LTE Band13 ANT0 - Power Level A

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	19.77	20.03	19.94	18.58
		782 (23230)	19.75	19.96	19.83	18.38
		779.5 (23205)	19.75	20.22	19.98	18.45
	1RB-Middle (12)	784.5 (23255)	19.78	20.18	19.99	18.57
		782 (23230)	19.75	20.09	19.91	18.36
		779.5 (23205)	19.74	19.99	19.91	18.42
	1RB-Low (0)	784.5 (23255)	19.76	20.05	19.99	18.52
		782 (23230)	19.79	20.09	19.96	18.43
		779.5 (23205)	19.72	20.03	19.88	18.48
	12RB-High (13)	784.5 (23255)	19.74	19.78	19.79	18.51
		782 (23230)	19.74	19.78	19.78	18.65
		779.5 (23205)	19.76	19.77	19.83	18.65
	12RB-Middle (6)	784.5 (23255)	19.72	19.77	19.78	18.42
		782 (23230)	19.75	19.82	19.79	18.63
		779.5 (23205)	19.73	19.76	19.80	18.62
	12RB-Low (0)	784.5 (23255)	19.76	19.77	19.85	18.65
		782 (23230)	19.78	19.82	19.83	18.38
		779.5 (23205)	19.63	19.68	19.70	18.58
	25RB (0)	784.5 (23255)	19.74	19.76	19.76	18.65
		782 (23230)	19.79	19.78	19.78	18.55
		779.5 (23205)	19.73	19.76	19.75	18.35
10MHz	1RB-High (49)	782 (23230)	19.72	19.98	19.94	18.61
	1RB-Middle (24)	782 (23230)	19.73	20.00	19.96	18.44
	1RB-Low (0)	782 (23230)	19.80	20.08	19.93	18.46
	25RB-High (25)	782 (23230)	19.77	19.74	19.74	18.62
	25RB-Middle (12)	782 (23230)	19.73	19.74	19.77	18.55
	25RB-Low (0)	782 (23230)	19.69	19.84	19.70	18.58
	50RB (0)	782 (23230)	19.77	19.75	19.75	18.43

LTE Band13 ANT0 - Power Level B

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	16.76	17.03	16.93	16.66
		782 (23230)	16.72	16.90	16.87	16.68
		779.5 (23205)	16.75	17.03	16.94	16.74
	1RB-Middle (12)	784.5 (23255)	16.73	17.01	16.89	16.93
		782 (23230)	16.80	17.06	17.00	16.87
		779.5 (23205)	16.72	16.97	16.94	16.69
	1RB-Low (0)	784.5 (23255)	16.79	16.95	16.97	17.00
		782 (23230)	16.89	16.96	16.98	16.66
		779.5 (23205)	16.74	17.01	16.94	16.79
	12RB-High (13)	784.5 (23255)	16.76	16.74	16.79	16.94
		782 (23230)	16.75	16.76	16.77	16.89
		779.5 (23205)	16.76	16.74	16.80	16.95
	12RB-Middle (6)	784.5 (23255)	16.72	16.73	16.74	16.71
		782 (23230)	16.77	16.78	16.82	16.98
		779.5 (23205)	16.72	16.79	16.77	16.84
	12RB-Low (0)	784.5 (23255)	16.77	16.79	16.79	16.74
		782 (23230)	16.76	16.83	16.85	16.87
		779.5 (23205)	16.70	16.67	16.70	16.89
	25RB (0)	784.5 (23255)	16.78	16.75	16.76	17.00
		782 (23230)	16.76	16.82	16.79	16.83
		779.5 (23205)	16.75	16.73	16.73	16.70
10MHz	1RB-High (49)	782 (23230)	16.77	17.05	16.96	16.79
	1RB-Middle (24)	782 (23230)	16.72	17.14	16.88	16.84
	1RB-Low (0)	782 (23230)	16.82	17.09	17.00	16.91
	25RB-High (25)	782 (23230)	16.74	16.76	16.75	16.97
	25RB-Middle (12)	782 (23230)	16.76	16.75	16.78	16.82
	25RB-Low (0)	782 (23230)	16.70	16.73	16.72	16.73
	50RB (0)	782 (23230)	16.74	16.73	16.73	16.64

LTE Band13 ANT0 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	23.79	22.90	22.14	18.88
		782 (23230)	23.67	23.00	21.93	18.70
		779.5 (23205)	23.82	23.05	21.99	18.75
	1RB-Middle (12)	784.5 (23255)	23.77	22.96	21.95	18.71
		782 (23230)	23.57	23.17	22.09	18.84
		779.5 (23205)	24.02	23.02	22.03	18.79
	1RB-Low (0)	784.5 (23255)	23.85	23.14	22.03	18.79
		782 (23230)	23.99	23.06	22.00	18.76
		779.5 (23205)	23.97	22.92	21.91	18.68
	12RB-High (13)	784.5 (23255)	22.81	21.81	20.85	18.73
		782 (23230)	22.82	21.91	20.86	18.74
		779.5 (23205)	22.86	21.89	20.87	18.74
	12RB-Middle (6)	784.5 (23255)	22.84	21.82	20.83	18.71
		782 (23230)	22.87	21.86	20.86	18.74
		779.5 (23205)	22.89	21.86	20.91	18.78
	12RB-Low (0)	784.5 (23255)	23.79	21.87	20.87	18.74
		782 (23230)	22.93	21.93	20.91	18.78
		779.5 (23205)	22.82	21.85	20.86	18.74
	25RB (0)	784.5 (23255)	22.88	21.83	20.84	18.72
		782 (23230)	22.88	21.85	20.85	18.73
		779.5 (23205)	22.86	21.81	20.86	18.74
10MHz	1RB-High (49)	782 (23230)	23.79	22.86	21.89	18.70
	1RB-Middle (24)	782 (23230)	23.83	23.17	22.02	18.81
	1RB-Low (0)	782 (23230)	23.99	22.98	21.92	18.72
	25RB-High (25)	782 (23230)	22.82	21.81	20.80	18.72
	25RB-Middle (12)	782 (23230)	22.85	21.85	20.87	18.78
	25RB-Low (0)	782 (23230)	22.76	21.77	20.77	18.69
	50RB (0)	782 (23230)	22.83	21.83	20.78	18.70

LTE Band14 ANT0 - Power Level A

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	795.5 (23355)	19.75	20.04	19.93	17.61
		793 (23330)	19.73	20.16	19.91	17.80
		790.5 (23305)	19.77	20.27	20.07	17.60
	1RB-Middle (12)	795.5 (23355)	19.77	19.79	19.89	17.71
		793 (23330)	19.84	20.20	19.94	17.77
		790.5 (23305)	19.77	20.20	20.01	17.79
	1RB-Low (0)	795.5 (23355)	19.83	20.07	20.00	17.58
		793 (23330)	19.83	20.18	20.03	17.67
		790.5 (23305)	19.76	20.10	19.92	17.56
	12RB-High (13)	795.5 (23355)	19.74	19.79	19.78	17.64
		793 (23330)	19.74	19.79	19.80	17.72
		790.5 (23305)	19.79	19.82	19.81	17.57
	12RB-Middle (6)	795.5 (23355)	19.77	19.78	19.79	17.72
		793 (23330)	19.78	19.79	19.87	17.56
		790.5 (23305)	19.82	19.86	19.87	17.79
	12RB-Low (0)	795.5 (23355)	19.80	19.83	19.81	17.80
		793 (23330)	19.85	19.86	19.86	17.70
		790.5 (23305)	19.80	19.84	19.87	17.74
	25RB (0)	795.5 (23355)	19.79	19.81	19.80	17.72
		793 (23330)	19.87	19.84	19.81	17.63
		790.5 (23305)	19.82	19.80	19.81	17.74
10MHz	1RB-High (49)	793 (23330)	19.82	20.14	19.91	17.72
	1RB-Middle (24)	793 (23330)	19.78	20.05	19.97	17.76
	1RB-Low (0)	793 (23330)	19.76	19.85	19.98	17.70
	25RB-High (25)	793 (23330)	19.74	20.23	19.97	17.58
	25RB-Middle (12)	793 (23330)	19.84	20.13	19.94	17.66
	25RB-Low (0)	793 (23330)	19.83	20.06	19.88	17.61
	50RB (0)	793 (23330)	19.83	20.16	19.94	17.63

LTE Band14 ANT0 - Power Level B

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	795.5 (23355)	16.74	17.01	16.98	16.83
		793 (23330)	16.78	17.08	17.01	16.91
		790.5 (23305)	16.81	17.05	17.04	16.76
	1RB-Middle (12)	795.5 (23355)	16.79	17.04	17.05	16.83
		793 (23330)	16.80	17.20	17.03	16.91
		790.5 (23305)	16.83	17.15	17.08	16.84
	1RB-Low (0)	795.5 (23355)	16.82	17.17	16.96	16.67
		793 (23330)	16.80	17.13	17.02	16.71
		790.5 (23305)	16.75	16.94	16.96	16.81
	12RB-High (13)	795.5 (23355)	16.78	16.78	16.80	16.70
		793 (23330)	16.75	16.82	16.83	16.65
		790.5 (23305)	16.80	16.82	16.86	16.87
	12RB-Middle (6)	795.5 (23355)	16.77	16.80	16.84	16.83
		793 (23330)	16.79	16.81	16.83	16.83
		790.5 (23305)	16.81	16.90	16.89	16.78
	12RB-Low (0)	795.5 (23355)	16.76	16.86	16.85	16.74
		793 (23330)	16.87	16.84	16.89	16.83
		790.5 (23305)	16.82	16.90	16.87	16.92
	25RB (0)	795.5 (23355)	16.80	16.79	16.78	16.82
		793 (23330)	16.84	16.82	16.80	16.82
		790.5 (23305)	16.82	16.84	16.82	16.77
10MHz	1RB-High (49)	793 (23330)	16.78	17.18	16.90	16.79
	1RB-Middle (24)	793 (23330)	16.81	17.07	16.97	16.66
	1RB-Low (0)	793 (23330)	16.76	17.08	16.90	16.69
	25RB-High (25)	793 (23330)	16.77	17.09	16.92	16.92
	25RB-Middle (12)	793 (23330)	16.76	16.95	16.97	16.66
	25RB-Low (0)	793 (23330)	16.84	17.17	16.99	16.77
	50RB (0)	793 (23330)	16.87	17.10	17.04	16.92

LTE Band14 ANT0 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	795.5 (23355)	22.77	22.05	20.92	17.76
		793 (23330)	22.81	22.12	20.99	17.82
		790.5 (23305)	22.84	22.07	21.00	17.83
	1RB-Middle (12)	795.5 (23355)	22.82	22.06	20.96	17.79
		793 (23330)	22.80	22.09	20.93	17.77
		790.5 (23305)	22.88	22.20	21.02	17.84
	1RB-Low (0)	795.5 (23355)	22.94	22.15	21.02	17.84
		793 (23330)	22.80	22.17	20.98	17.81
		790.5 (23305)	22.90	22.15	21.00	17.83
	12RB-High (13)	795.5 (23355)	21.81	20.79	19.85	17.85
		793 (23330)	21.81	20.82	19.84	17.84
		790.5 (23305)	21.83	20.87	19.83	17.83
	12RB-Middle (6)	795.5 (23355)	21.85	20.85	19.87	17.86
		793 (23330)	21.81	20.86	19.81	17.81
		790.5 (23305)	21.85	20.88	19.84	17.84
	12RB-Low (0)	795.5 (23355)	21.84	20.84	19.88	17.87
		793 (23330)	21.83	20.85	19.86	17.85
		790.5 (23305)	21.90	20.89	19.90	17.89
	25RB (0)	795.5 (23355)	21.84	20.84	19.81	17.81
		793 (23330)	21.84	20.85	19.79	17.79
		790.5 (23305)	21.89	20.88	19.83	17.83
10MHz	1RB-High (49)	793 (23330)	22.74	21.91	20.91	17.80
	1RB-Middle (24)	793 (23330)	22.75	22.01	20.87	17.76
	1RB-Low (0)	793 (23330)	22.82	22.07	20.83	17.73
	25RB-High (25)	793 (23330)	21.87	20.85	19.85	17.85
	25RB-Middle (12)	793 (23330)	21.83	20.82	19.81	17.81
	25RB-Low (0)	793 (23330)	21.85	20.87	19.87	17.86
	50RB (0)	793 (23330)	21.84	20.85	19.80	17.80

LTE Band25 ANT0 - Power Level A

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	14.67	15.21	14.95	14.79
		1882.5 (26365)	14.86	15.11	15.06	14.83
		1850.7 (26047)	14.73	14.79	15.00	14.91
	1RB-Middle (3)	1914.3 (26683)	14.68	15.04	14.92	14.89
		1882.5 (26365)	14.75	14.93	15.16	14.94
		1850.7 (26047)	14.72	15.06	14.86	14.80
	1RB-Low (0)	1914.3 (26683)	14.69	14.95	14.94	14.84
		1882.5 (26365)	14.85	15.15	15.08	14.90
		1850.7 (26047)	14.71	14.96	14.84	14.84
	3RB-High (3)	1914.3 (26683)	14.75	14.64	14.91	14.98
		1882.5 (26365)	14.83	14.67	14.92	14.94
		1850.7 (26047)	14.73	14.70	14.85	14.87
	3RB-Middle (1)	1914.3 (26683)	14.72	14.63	14.84	14.85
		1882.5 (26365)	14.81	14.71	14.86	14.82
		1850.7 (26047)	14.74	14.72	14.79	14.84
	3RB-Low (0)	1914.3 (26683)	14.76	14.70	14.82	14.82
		1882.5 (26365)	14.79	14.74	14.89	14.86
		1850.7 (26047)	14.77	14.78	14.83	14.96
	6RB (0)	1914.3 (26683)	14.68	14.85	14.67	14.87
		1882.5 (26365)	14.77	14.93	14.83	14.80
		1850.7 (26047)	14.78	14.86	14.70	14.75
3MHz	1RB-High (14)	1913.5 (26675)	14.76	14.82	15.02	14.85
		1882.5 (26365)	14.80	15.08	15.03	14.98
		1851.5 (26055)	14.71	15.06	14.99	14.80
	1RB-Middle (7)	1913.5 (26675)	14.73	14.99	15.00	14.97
		1882.5 (26365)	14.86	15.24	15.07	14.98
		1851.5 (26055)	14.73	15.11	15.04	14.80
	1RB-Low (0)	1913.5 (26675)	14.72	14.82	14.90	14.96
		1882.5 (26365)	14.82	14.80	14.82	14.78
		1851.5 (26055)	14.68	14.96	14.92	14.87
	8RB-High (7)	1913.5 (26675)	14.76	14.80	14.76	14.81
		1882.5 (26365)	14.82	14.88	14.84	14.89
		1851.5 (26055)	14.75	14.75	14.79	14.92
	8RB-Middle (4)	1913.5 (26675)	14.74	14.82	14.83	14.96
		1882.5 (26365)	14.85	14.91	14.87	14.75
		1851.5 (26055)	14.76	14.82	14.80	14.76
	8RB-Low (0)	1913.5 (26675)	14.73	14.83	14.82	14.78
		1882.5 (26365)	14.87	14.88	14.91	14.86
		1851.5 (26055)	14.77	14.81	14.84	14.81
	15RB (0)	1913.5 (26675)	14.69	14.71	14.76	14.80
		1882.5 (26365)	14.86	14.84	14.86	14.97
		1851.5 (26055)	14.72	14.71	14.80	14.81

5MHz	1RB-High (24)	1912.5 (26665)	14.78	14.93	15.06	14.95
		1882.5 (26365)	14.89	15.23	15.04	14.78
		1852.5 (26065)	14.77	15.02	14.95	14.84
	1RB-Middle (12)	1912.5 (26665)	14.99	15.08	15.06	14.95
		1882.5 (26365)	14.87	15.30	15.25	14.93
		1852.5 (26065)	14.78	15.15	14.99	14.93
	1RB-Low (0)	1912.5 (26665)	14.79	14.80	15.01	14.91
		1882.5 (26365)	14.86	15.23	15.06	14.78
		1852.5 (26065)	14.72	15.16	15.03	14.91
	12RB-High (13)	1912.5 (26665)	14.79	14.77	14.81	14.89
		1882.5 (26365)	14.89	14.88	14.92	14.96
		1852.5 (26065)	14.80	14.80	14.84	14.96
	12RB-Middle (6)	1912.5 (26665)	14.86	14.85	14.82	14.82
		1882.5 (26365)	14.86	14.91	14.91	14.88
		1852.5 (26065)	14.78	14.85	14.82	14.84
	12RB-Low (0)	1912.5 (26665)	14.81	14.86	14.85	14.96
		1882.5 (26365)	14.89	14.93	14.94	14.96
		1852.5 (26065)	14.83	14.83	14.84	14.87
	25RB (0)	1912.5 (26665)	14.86	14.83	14.83	14.82
		1882.5 (26365)	14.91	14.92	14.94	14.91
		1852.5 (26065)	14.81	14.81	14.81	14.85
10MHz	1RB-High (49)	1910 (26640)	14.85	15.09	15.04	14.82
		1882.5 (26365)	14.89	15.24	15.10	14.89
		1855 (26090)	14.79	15.04	14.98	14.88
	1RB-Middle (24)	1910 (26640)	14.79	15.03	14.90	14.82
		1882.5 (26365)	14.89	15.24	15.08	14.81
		1855 (26090)	14.82	15.19	14.90	14.75
	1RB-Low (0)	1910 (26640)	14.84	15.10	14.92	14.91
		1882.5 (26365)	14.93	15.13	15.15	14.84
		1855 (26090)	14.78	15.04	14.92	14.78
	25RB-High (25)	1910 (26640)	14.82	14.79	14.81	14.79
		1882.5 (26365)	14.91	14.91	14.92	14.88
		1855 (26090)	14.83	14.81	14.83	14.84
	25RB-Middle (12)	1910 (26640)	14.84	14.78	14.82	14.85
		1882.5 (26365)	14.90	14.88	14.86	14.98
		1855 (26090)	14.79	14.77	14.80	14.98
	25RB-Low (0)	1910 (26640)	14.88	14.84	14.83	14.88
		1882.5 (26365)	14.91	14.91	14.89	14.84
		1855 (26090)	14.83	14.78	14.82	14.86
	50RB (0)	1910 (26640)	14.82	14.82	14.84	14.95
		1882.5 (26365)	14.92	14.92	14.93	14.89
		1855 (26090)	14.85	14.84	14.82	14.96

15MHz	1RB-High (74)	1907.5 (26615)	14.81	14.92	14.85	14.89
		1882.5 (26365)	14.96	15.30	15.23	14.88
		1857.5 (26115)	14.86	15.12	14.97	14.86
	1RB-Middle (37)	1907.5 (26615)	14.79	15.02	15.07	14.76
		1882.5 (26365)	14.83	15.27	15.18	14.75
		1857.5 (26115)	14.80	15.11	15.01	14.92
	1RB-Low (0)	1907.5 (26615)	14.81	15.14	15.02	14.94
		1882.5 (26365)	14.88	15.22	15.05	14.77
		1857.5 (26115)	14.79	15.29	14.91	14.90
	36RB-High (38)	1907.5 (26615)	14.76	14.76	14.78	14.85
		1882.5 (26365)	14.91	14.87	14.90	14.96
		1857.5 (26115)	14.84	14.82	14.85	14.80
	36RB-Middle (19)	1907.5 (26615)	14.82	14.76	14.82	14.84
		1882.5 (26365)	14.85	14.86	14.87	14.87
		1857.5 (26115)	14.78	14.77	14.75	14.76
	36RB-Low (0)	1907.5 (26615)	14.82	14.78	14.86	14.83
		1882.5 (26365)	14.89	14.93	14.92	14.85
		1857.5 (26115)	14.81	14.78	14.81	14.87
	75RB (0)	1907.5 (26615)	14.88	14.88	14.83	14.93
		1882.5 (26365)	14.90	14.91	14.90	14.86
		1857.5 (26115)	14.85	14.84	14.86	14.83
20MHz	1RB-High (99)	1905 (26590)	14.96	15.28	15.07	14.85
		1882.5 (26365)	14.99	14.90	15.19	14.87
		1860 (26140)	14.96	15.24	15.08	14.98
	1RB-Middle (50)	1905 (26590)	14.94	15.28	15.12	14.84
		1882.5 (26365)	14.91	15.45	14.91	14.93
		1860 (26140)	14.88	15.21	15.01	14.94
	1RB-Low (0)	1905 (26590)	14.94	14.98	15.03	14.85
		1882.5 (26365)	14.92	14.99	15.11	14.88
		1860 (26140)	14.86	15.22	15.05	14.78
	50RB-High (50)	1905 (26590)	14.88	14.83	14.86	14.98
		1882.5 (26365)	14.98	14.94	14.96	14.90
		1860 (26140)	14.92	14.91	14.92	14.84
	50RB-Middle (25)	1905 (26590)	14.90	14.84	14.86	14.98
		1882.5 (26365)	14.96	14.93	14.90	14.82
		1860 (26140)	14.87	14.84	14.83	14.76
	50RB-Low (0)	1905 (26590)	14.97	14.92	14.92	14.81
		1882.5 (26365)	15.01	14.96	14.97	14.92
		1860 (26140)	14.88	14.81	14.85	14.85
	100RB (0)	1905 (26590)	14.92	14.84	14.85	14.95
		1882.5 (26365)	14.98	14.96	14.93	14.77
		1860 (26140)	14.89	14.84	14.84	14.80

LTE Band25 ANT0 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	23.88	23.16	22.10	19.19
		1882.5 (26365)	24.23	23.38	22.34	19.26
		1850.7 (26047)	24.04	23.18	22.09	19.10
	1RB-Middle (3)	1914.3 (26683)	23.79	23.08	22.09	19.31
		1882.5 (26365)	24.14	23.26	22.33	19.20
		1850.7 (26047)	24.00	23.13	22.04	19.25
	1RB-Low (0)	1914.3 (26683)	24.13	23.12	22.82	19.19
		1882.5 (26365)	24.24	23.23	22.27	19.11
		1850.7 (26047)	24.15	23.07	22.11	19.07
	3RB-High (3)	1914.3 (26683)	23.99	23.14	22.04	19.07
		1882.5 (26365)	24.19	22.99	22.12	19.35
		1850.7 (26047)	24.09	22.87	22.05	19.13
	3RB-Middle (1)	1914.3 (26683)	24.07	23.05	22.20	19.35
		1882.5 (26365)	23.06	22.99	22.11	19.32
		1850.7 (26047)	23.93	22.94	22.02	19.08
	3RB-Low (0)	1914.3 (26683)	23.85	22.96	22.12	19.31
		1882.5 (26365)	24.17	23.13	22.18	19.17
		1850.7 (26047)	24.01	22.95	21.98	19.12
	6RB (0)	1914.3 (26683)	22.95	22.05	20.98	19.19
		1882.5 (26365)	23.18	22.15	21.00	19.21
		1850.7 (26047)	23.06	22.00	20.85	19.23
3MHz	1RB-High (14)	1913.5 (26675)	24.00	23.19	22.12	19.19
		1882.5 (26365)	24.05	23.22	22.24	19.16
		1851.5 (26055)	24.06	22.99	22.06	19.32
	1RB-Middle (7)	1913.5 (26675)	23.98	23.09	22.09	19.09
		1882.5 (26365)	24.05	23.27	22.27	19.33
		1851.5 (26055)	24.02	23.09	22.17	19.16
	1RB-Low (0)	1913.5 (26675)	23.86	23.31	22.19	19.21
		1882.5 (26365)	23.97	23.20	22.12	19.35
		1851.5 (26055)	24.07	23.08	22.04	19.32
	8RB-High (7)	1913.5 (26675)	22.91	22.00	20.96	19.32
		1882.5 (26365)	23.05	22.15	21.12	19.15
		1851.5 (26055)	23.00	21.99	20.98	19.35
	8RB-Middle (4)	1913.5 (26675)	22.96	22.04	21.03	19.27
		1882.5 (26365)	23.06	22.08	21.09	19.16
		1851.5 (26055)	22.99	21.99	20.96	19.16
	8RB-Low (0)	1913.5 (26675)	22.99	22.00	21.06	19.18
		1882.5 (26365)	23.08	22.06	21.03	19.14
		1851.5 (26055)	23.01	22.05	20.98	19.12
	15RB (0)	1913.5 (26675)	22.99	21.97	20.93	19.33
		1882.5 (26365)	23.03	22.05	20.96	19.33
		1851.5 (26055)	22.94	22.01	20.89	19.19

5MHz	1RB-High (24)	1912.5 (26665)	24.11	23.04	22.16	19.26
		1882.5 (26365)	24.27	23.28	22.26	19.12
		1852.5 (26065)	23.90	23.19	22.05	19.21
	1RB-Middle (12)	1912.5 (26665)	24.00	23.16	22.14	19.24
		1882.5 (26365)	24.17	23.35	22.23	19.23
		1852.5 (26065)	24.14	23.27	22.16	19.34
	1RB-Low (0)	1912.5 (26665)	24.03	23.21	22.09	19.09
		1882.5 (26365)	24.01	23.38	22.30	19.35
		1852.5 (26065)	24.07	23.15	22.14	19.11
	12RB-High (13)	1912.5 (26665)	22.97	22.00	21.02	19.12
		1882.5 (26365)	23.07	22.05	21.10	19.08
		1852.5 (26065)	23.01	22.07	20.98	19.22
	12RB-Middle (6)	1912.5 (26665)	22.96	22.08	21.02	19.26
		1882.5 (26365)	23.13	22.13	21.14	19.21
		1852.5 (26065)	23.02	22.04	21.00	19.32
	12RB-Low (0)	1912.5 (26665)	23.06	22.09	21.09	19.22
		1882.5 (26365)	23.13	22.13	21.09	19.18
		1852.5 (26065)	23.09	22.02	21.01	19.15
	25RB (0)	1912.5 (26665)	23.05	22.06	21.03	19.12
		1882.5 (26365)	23.10	22.12	21.04	19.18
		1852.5 (26065)	23.03	22.04	21.01	19.19
10MHz	1RB-High (49)	1910 (26640)	24.01	23.06	22.12	19.17
		1882.5 (26365)	24.15	23.34	22.24	19.33
		1855 (26090)	24.00	23.21	22.04	19.11
	1RB-Middle (24)	1910 (26640)	24.01	23.21	22.01	19.33
		1882.5 (26365)	24.13	23.23	22.18	19.08
		1855 (26090)	24.09	23.07	22.04	19.27
	1RB-Low (0)	1910 (26640)	24.05	23.26	22.16	19.17
		1882.5 (26365)	23.93	23.24	22.18	19.05
		1855 (26090)	24.06	23.14	22.07	19.05
	25RB-High (25)	1910 (26640)	23.00	22.01	21.00	19.11
		1882.5 (26365)	23.10	22.08	21.06	19.09
		1855 (26090)	22.99	21.97	20.95	19.15
	25RB-Middle (12)	1910 (26640)	23.00	21.97	20.98	19.23
		1882.5 (26365)	23.07	22.05	20.99	19.32
		1855 (26090)	22.99	21.96	20.92	19.06
	25RB-Low (0)	1910 (26640)	23.06	22.03	21.03	19.23
		1882.5 (26365)	23.08	22.08	21.04	19.28
		1855 (26090)	23.01	21.98	20.96	19.35
	50RB (0)	1910 (26640)	23.03	22.04	20.98	19.23
		1882.5 (26365)	23.08	22.06	20.98	19.09
		1855 (26090)	22.98	21.98	20.93	19.12

15MHz	1RB-High (74)	1907.5 (26615)	24.04	23.18	22.12	19.35
		1882.5 (26365)	24.04	23.32	22.24	19.25
		1857.5 (26115)	23.98	23.15	22.12	19.07
	1RB-Middle (37)	1907.5 (26615)	24.06	23.23	22.14	19.32
		1882.5 (26365)	24.08	23.30	22.23	19.21
		1857.5 (26115)	24.07	23.10	22.11	19.14
	1RB-Low (0)	1907.5 (26615)	24.03	23.19	22.18	19.10
		1882.5 (26365)	23.99	23.17	22.15	19.05
		1857.5 (26115)	24.06	23.16	22.13	19.31
	36RB-High (38)	1907.5 (26615)	22.93	21.99	21.02	19.13
		1882.5 (26365)	23.02	22.03	21.06	19.10
		1857.5 (26115)	22.94	21.96	20.97	19.35
	36RB-Middle (19)	1907.5 (26615)	22.99	22.03	21.06	19.28
		1882.5 (26365)	23.01	22.03	21.06	19.16
		1857.5 (26115)	22.92	21.96	20.97	19.17
	36RB-Low (0)	1907.5 (26615)	22.98	21.99	20.99	19.27
		1882.5 (26365)	23.03	22.03	21.08	19.09
		1857.5 (26115)	22.96	21.95	20.95	19.05
	75RB (0)	1907.5 (26615)	22.99	22.03	20.98	19.35
		1882.5 (26365)	23.04	22.08	21.03	19.26
		1857.5 (26115)	22.95	21.99	20.96	19.33
20MHz	1RB-High (99)	1905 (26590)	24.05	23.20	22.18	19.26
		1882.5 (26365)	24.15	23.23	22.08	19.30
		1860 (26140)	23.92	23.12	22.12	19.11
	1RB-Middle (50)	1905 (26590)	24.00	23.18	22.10	19.28
		1882.5 (26365)	24.10	23.21	22.23	19.13
		1860 (26140)	23.87	23.27	22.06	19.30
	1RB-Low (0)	1905 (26590)	23.95	23.36	22.09	19.30
		1882.5 (26365)	24.06	23.26	22.11	19.18
		1860 (26140)	24.04	23.98	22.09	19.14
	50RB-High (50)	1905 (26590)	22.97	22.01	20.94	19.24
		1882.5 (26365)	23.01	22.03	21.03	19.18
		1860 (26140)	23.01	21.98	20.96	19.17
	50RB-Middle (25)	1905 (26590)	22.99	22.02	20.98	19.09
		1882.5 (26365)	23.03	22.03	21.03	19.10
		1860 (26140)	22.98	21.96	20.94	19.07
	50RB-Low (0)	1905 (26590)	23.00	22.03	21.00	19.26
		1882.5 (26365)	23.08	22.07	21.07	19.25
		1860 (26140)	23.00	21.95	20.93	19.27
	100RB (0)	1905 (26590)	22.94	21.96	20.98	19.22
		1882.5 (26365)	23.05	22.05	20.98	19.11
		1860 (26140)	22.98	21.92	20.91	19.15

LTE Band26 ANT0 - Power Level A

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	18.60	18.89	18.88	17.98
		831.5 (26865)	18.72	19.03	18.99	17.87
		814.7 (26697)	18.67	18.80	18.86	17.81
	1RB-Middle (3)	848.3 (27033)	18.55	18.87	18.66	17.81
		831.5 (26865)	18.70	18.95	18.93	18.03
		814.7 (26697)	18.66	18.84	18.90	18.04
	1RB-Low (0)	848.3 (27033)	18.67	19.02	18.88	18.00
		831.5 (26865)	18.72	19.00	18.98	17.90
		814.7 (26697)	18.63	19.00	18.95	17.90
	3RB-High (3)	848.3 (27033)	18.66	18.70	18.78	17.92
		831.5 (26865)	18.72	18.64	18.77	17.85
		814.7 (26697)	18.67	18.62	18.70	18.04
	3RB-Middle (1)	848.3 (27033)	18.65	18.55	18.84	17.87
		831.5 (26865)	18.69	18.66	18.75	17.80
		814.7 (26697)	18.64	18.62	18.68	17.86
	3RB-Low (0)	848.3 (27033)	18.67	18.63	18.71	17.98
		831.5 (26865)	18.75	18.72	18.81	17.80
		814.7 (26697)	18.60	18.54	18.69	18.00
	6RB (0)	848.3 (27033)	18.61	18.73	18.67	18.01
		831.5 (26865)	18.67	18.80	18.74	17.83
		814.7 (26697)	18.66	18.71	18.65	17.87
3MHz	1RB-High (14)	847.5 (27025)	18.66	18.87	18.79	17.87
		831.5 (26865)	18.72	19.06	18.90	17.91
		815.5 (26705)	18.46	18.78	18.73	17.82
	1RB-Middle (7)	847.5 (27025)	18.61	18.93	18.85	17.93
		831.5 (26865)	18.76	19.00	18.93	17.93
		815.5 (26705)	18.40	18.78	18.72	17.97
	1RB-Low (0)	847.5 (27025)	18.55	18.84	18.69	17.86
		831.5 (26865)	18.76	19.01	19.00	17.93
		815.5 (26705)	18.45	18.85	18.83	17.93
	8RB-High (7)	847.5 (27025)	18.64	18.72	18.70	18.00
		831.5 (26865)	18.69	18.78	18.79	18.01
		815.5 (26705)	18.51	18.57	18.59	17.91
	8RB-Middle (4)	847.5 (27025)	18.63	18.72	18.67	17.85
		831.5 (26865)	18.70	18.80	18.76	18.04
		815.5 (26705)	18.51	18.55	18.55	18.00
	8RB-Low (0)	847.5 (27025)	18.67	18.75	18.75	17.92
		831.5 (26865)	18.70	18.83	18.83	17.94
		815.5 (26705)	18.52	18.60	18.61	18.04
	15RB (0)	847.5 (27025)	18.64	18.67	18.64	17.90
		831.5 (26865)	18.70	18.76	18.69	17.89
		815.5 (26705)	18.51	18.48	18.52	18.02

5MHz	1RB-High (24)	846.5 (27015)	18.68	18.99	18.86	17.99
		831.5 (26865)	18.73	18.97	18.92	18.04
		816.5 (26715)	18.72	18.91	18.83	17.86
	1RB-Middle (12)	846.5 (27015)	18.62	18.90	18.74	17.85
		831.5 (26865)	18.83	19.07	18.90	17.97
		816.5 (26715)	18.66	18.96	18.87	17.81
	1RB-Low (0)	846.5 (27015)	18.61	18.84	18.86	18.04
		831.5 (26865)	18.76	19.02	18.99	18.03
		816.5 (26715)	18.64	19.05	18.89	17.93
	12RB-High (13)	846.5 (27015)	18.67	18.73	18.71	17.99
		831.5 (26865)	18.73	18.79	18.76	17.81
		816.5 (26715)	18.71	18.73	18.73	17.84
	12RB-Middle (6)	846.5 (27015)	18.71	18.66	18.72	17.91
		831.5 (26865)	18.74	18.76	18.79	17.90
		816.5 (26715)	18.72	18.70	18.71	17.94
	12RB-Low (0)	846.5 (27015)	18.71	18.72	18.81	17.95
		831.5 (26865)	18.78	18.79	18.81	17.93
		816.5 (26715)	18.72	18.71	18.72	17.81
	25RB (0)	846.5 (27015)	18.73	18.67	18.71	17.88
		831.5 (26865)	18.79	18.75	18.78	17.98
		816.5 (26715)	18.75	18.73	18.66	18.02
10MHz	1RB-High (49)	844 (26990)	18.67	18.97	18.97	17.95
		831.5 (26865)	18.83	19.09	18.94	17.84
		820 (26750)	18.77	18.88	18.92	17.93
	1RB-Middle (24)	844 (26990)	18.64	19.06	18.86	17.82
		831.5 (26865)	18.82	19.02	19.06	17.99
		820 (26750)	18.72	19.20	18.97	18.05
	1RB-Low (0)	844 (26990)	18.79	18.92	18.87	17.90
		831.5 (26865)	18.87	19.02	18.81	17.97
		820 (26750)	18.78	19.10	18.95	17.89
	25RB-High (25)	844 (26990)	18.65	18.66	18.65	18.01
		831.5 (26865)	18.76	18.73	18.72	17.85
		820 (26750)	18.78	18.76	18.77	17.86
	25RB-Middle (12)	844 (26990)	18.71	18.66	18.68	17.95
		831.5 (26865)	18.76	18.74	18.75	17.91
		820 (26750)	18.72	18.69	18.73	17.95
	25RB-Low (0)	844 (26990)	18.73	18.72	18.74	17.96
		831.5 (26865)	18.78	18.76	18.77	17.81
		820 (26750)	18.74	18.72	18.73	17.97
	50RB (0)	844 (26990)	18.70	18.68	18.78	17.89
		831.5 (26865)	18.77	18.75	18.76	17.86
		820 (26750)	18.73	18.74	18.75	17.84

15MHz	1RB-High (74)	841.5 (26965)	18.71	18.96	18.88	18.01
		831.5 (26865)	18.68	18.96	18.88	18.01
		822.5 (26775)	18.76	18.96	19.05	17.87
	1RB-Middle (37)	841.5 (26965)	18.72	19.19	18.96	17.99
		831.5 (26865)	18.70	18.93	18.99	17.90
		822.5 (26775)	18.74	19.08	18.92	18.02
	1RB-Low (0)	841.5 (26965)	18.80	19.09	18.98	17.81
		831.5 (26865)	18.71	18.97	18.94	18.02
		822.5 (26775)	18.82	19.01	18.84	17.89
	36RB-High (38)	841.5 (26965)	18.67	18.67	18.71	17.83
		831.5 (26865)	18.71	18.71	18.75	17.80
		822.5 (26775)	18.73	18.77	18.68	17.96
	36RB-Middle (19)	841.5 (26965)	18.73	18.72	18.74	17.94
		831.5 (26865)	18.75	18.75	18.79	17.90
		822.5 (26775)	18.70	18.78	18.75	17.96
	36RB-Low (0)	841.5 (26965)	18.76	18.75	18.78	17.88
		831.5 (26865)	18.76	18.78	18.77	17.85
		822.5 (26775)	18.73	18.77	18.77	18.00
	75RB (0)	841.5 (26965)	18.75	18.77	18.76	17.97
		831.5 (26865)	18.78	18.80	18.74	18.02
		822.5 (26775)	18.80	18.81	18.78	17.92

LTE Band26 ANT0 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	23.76	23.08	22.05	19.05
		831.5 (26865)	23.86	22.96	22.24	18.96
		814.7 (26697)	24.06	23.24	22.08	19.06
	1RB-Middle (3)	848.3 (27033)	23.90	23.10	22.17	19.06
		831.5 (26865)	23.97	23.05	22.16	19.04
		814.7 (26697)	24.03	23.08	22.15	19.00
	1RB-Low (0)	848.3 (27033)	23.98	23.03	22.15	18.98
		831.5 (26865)	23.99	23.06	22.25	18.95
		814.7 (26697)	24.01	23.16	22.11	18.98
	3RB-High (3)	848.3 (27033)	23.96	22.97	22.09	19.05
		831.5 (26865)	23.86	22.98	22.05	18.81
		814.7 (26697)	23.95	23.00	22.07	18.92
	3RB-Middle (1)	848.3 (27033)	23.85	22.87	22.11	18.98
		831.5 (26865)	23.87	22.94	22.12	18.80
		814.7 (26697)	24.01	22.96	22.03	18.97
	3RB-Low (0)	848.3 (27033)	23.97	22.88	21.98	18.86
		831.5 (26865)	23.76	22.90	22.87	19.06
		814.7 (26697)	24.07	22.91	22.08	18.88
	6RB (0)	848.3 (27033)	22.87	22.06	20.90	19.07
		831.5 (26865)	22.98	22.10	21.05	18.93
		814.7 (26697)	23.02	22.08	20.90	19.08
3MHz	1RB-High (14)	847.5 (27025)	23.95	23.00	22.24	19.04
		831.5 (26865)	23.89	22.93	22.23	18.96
		815.5 (26705)	23.83	23.02	21.97	18.80
	1RB-Middle (7)	847.5 (27025)	23.84	23.05	22.14	19.00
		831.5 (26865)	23.85	23.14	22.25	19.01
		815.5 (26705)	24.12	23.06	22.05	18.80
	1RB-Low (0)	847.5 (27025)	24.01	23.09	22.14	18.90
		831.5 (26865)	23.93	22.89	22.14	18.88
		815.5 (26705)	23.61	23.09	21.92	18.91
	8RB-High (7)	847.5 (27025)	22.91	22.00	21.01	18.92
		831.5 (26865)	22.91	22.09	21.16	18.96
		815.5 (26705)	22.95	21.95	21.00	18.86
	8RB-Middle (4)	847.5 (27025)	22.93	22.03	20.95	18.87
		831.5 (26865)	22.90	22.14	21.12	18.91
		815.5 (26705)	22.98	22.00	20.99	18.98
	8RB-Low (0)	847.5 (27025)	22.98	22.03	21.07	19.09
		831.5 (26865)	22.92	22.16	21.14	18.84
		815.5 (26705)	22.92	22.02	21.08	19.01
	15RB (0)	847.5 (27025)	22.95	22.06	20.99	19.10
		831.5 (26865)	22.88	22.09	21.06	18.97
		815.5 (26705)	22.93	21.97	20.90	18.92

5MHz	1RB-High (24)	846.5 (27015)	23.89	23.12	22.22	19.03
		831.5 (26865)	23.89	23.17	22.20	18.83
		816.5 (26715)	24.10	23.16	22.17	19.09
	1RB-Middle (12)	846.5 (27015)	24.01	23.19	22.10	19.05
		831.5 (26865)	24.07	23.01	22.27	19.10
		816.5 (26715)	23.95	23.24	22.13	19.04
	1RB-Low (0)	846.5 (27015)	23.97	23.37	22.13	18.92
		831.5 (26865)	24.18	23.29	22.31	19.08
		816.5 (26715)	24.00	23.35	22.10	18.95
	12RB-High (13)	846.5 (27015)	22.95	22.09	21.06	18.82
		831.5 (26865)	22.94	22.09	21.15	18.98
		816.5 (26715)	22.99	22.05	21.12	19.06
	12RB-Middle (6)	846.5 (27015)	23.00	22.10	21.07	18.99
		831.5 (26865)	22.99	22.14	21.18	19.01
		816.5 (26715)	23.02	22.09	21.10	18.97
	12RB-Low (0)	846.5 (27015)	22.98	22.10	21.12	18.93
		831.5 (26865)	22.98	22.15	21.18	19.02
		816.5 (26715)	23.04	22.07	21.08	19.05
	25RB (0)	846.5 (27015)	23.03	22.13	21.07	19.07
		831.5 (26865)	22.97	22.14	21.13	19.10
		816.5 (26715)	23.02	22.12	21.03	18.80
10MHz	1RB-High (49)	844 (26990)	23.96	23.01	22.07	19.05
		831.5 (26865)	23.95	23.21	22.19	18.89
		820 (26750)	23.93	23.09	22.12	18.96
	1RB-Middle (24)	844 (26990)	24.00	23.33	22.25	18.80
		831.5 (26865)	23.96	23.03	22.28	19.10
		820 (26750)	23.88	23.27	22.11	19.05
	1RB-Low (0)	844 (26990)	24.02	23.32	22.17	18.97
		831.5 (26865)	23.96	23.12	22.27	18.95
		820 (26750)	24.08	23.18	22.23	18.81
	25RB-High (25)	844 (26990)	22.98	22.03	21.01	19.05
		831.5 (26865)	22.95	22.13	21.07	18.87
		820 (26750)	23.37	22.07	21.05	18.99
	25RB-Middle (12)	844 (26990)	23.01	22.05	21.06	18.82
		831.5 (26865)	22.96	22.14	21.08	18.96
		820 (26750)	23.05	22.13	21.10	18.86
	25RB-Low (0)	844 (26990)	23.04	22.09	21.02	18.80
		831.5 (26865)	23.02	22.13	21.14	18.82
		820 (26750)	23.01	22.10	21.07	18.93
	50RB (0)	844 (26990)	22.98	22.08	21.03	18.88
		831.5 (26865)	22.97	22.11	21.09	18.91
		820 (26750)	23.00	22.09	21.05	18.89

15MHz	1RB-High (74)	841.5 (26965)	24.08	23.12	22.15	18.82
		831.5 (26865)	24.00	23.15	22.31	19.01
		822.5 (26775)	24.02	23.10	22.28	19.02
	1RB-Middle (37)	841.5 (26965)	24.15	23.34	22.27	18.99
		831.5 (26865)	24.05	23.22	22.22	18.81
		822.5 (26775)	24.04	23.15	22.21	18.82
	1RB-Low (0)	841.5 (26965)	24.03	23.14	22.44	18.90
		831.5 (26865)	23.92	23.09	22.15	18.94
		822.5 (26775)	24.15	23.35	22.14	18.91
	36RB-High (38)	841.5 (26965)	23.05	22.02	21.06	18.98
		831.5 (26865)	22.99	22.08	21.09	19.08
		822.5 (26775)	23.01	22.11	21.09	18.94
	36RB-Middle (19)	841.5 (26965)	23.04	22.09	21.11	19.07
		831.5 (26865)	22.93	22.12	21.11	18.86
		822.5 (26775)	22.99	22.11	21.12	19.10
	36RB-Low (0)	841.5 (26965)	23.05	22.14	21.15	19.06
		831.5 (26865)	22.98	22.10	21.14	19.10
		822.5 (26775)	23.01	22.09	21.09	18.91
	75RB (0)	841.5 (26965)	23.08	22.13	21.09	19.10
		831.5 (26865)	22.99	22.10	21.09	18.95
		822.5 (26775)	23.07	22.12	21.12	18.98

LTE Band30 ANT3 - Power Level A

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	12.99	13.15	13.15	13.00
		2310 (27710)	12.92	13.37	13.16	13.06
		2307.5 (27685)	12.99	13.46	13.17	13.05
	1RB-Middle (12)	2312.5 (27735)	12.93	13.38	13.18	12.90
		2310 (27710)	13.01	13.37	13.27	13.15
		2307.5 (27685)	13.03	13.17	13.06	13.02
	1RB-Low (0)	2312.5 (27735)	12.94	13.11	13.15	12.92
		2310 (27710)	12.94	13.37	13.14	13.12
		2307.5 (27685)	12.96	13.29	13.06	12.98
	12RB-High (13)	2312.5 (27735)	13.00	13.03	13.01	12.97
		2310 (27710)	13.00	12.49	13.00	12.98
		2307.5 (27685)	12.94	13.01	12.99	13.06
	12RB-Middle (6)	2312.5 (27735)	12.97	12.67	12.99	13.01
		2310 (27710)	13.00	13.01	13.02	13.12
		2307.5 (27685)	12.96	12.96	13.02	12.87
	12RB-Low (0)	2312.5 (27735)	12.98	13.00	12.96	13.13
		2310 (27710)	12.98	13.07	13.00	13.14
		2307.5 (27685)	12.96	13.01	13.01	13.05
	25RB (0)	2312.5 (27735)	13.21	12.97	12.96	13.07
		2310 (27710)	13.02	12.98	12.98	12.98
		2307.5 (27685)	12.99	13.00	12.98	13.09
10MHz	1RB-High (49)	2310 (27710)	13.06	13.17	13.23	12.96
	1RB-Middle (24)	2310 (27710)	13.01	13.31	13.23	12.97
	1RB-Low (0)	2310 (27710)	13.07	13.34	13.19	13.02
	25RB-High (25)	2310 (27710)	12.97	12.95	12.99	13.00
	25RB-Middle (12)	2310 (27710)	12.96	12.94	12.96	12.95
	25RB-Low (0)	2310 (27710)	13.01	12.97	12.99	12.89
	50RB (0)	2310 (27710)	13.03	12.96	12.94	12.94

LTE Band30 ANT3 - Power Level B

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	10.13	10.42	10.30	9.99
		2310 (27710)	9.93	10.44	10.20	10.02
		2307.5 (27685)	9.96	10.46	10.29	10.11
	1RB-Middle (12)	2312.5 (27735)	10.05	10.17	10.31	9.95
		2310 (27710)	10.06	10.41	10.25	10.16
		2307.5 (27685)	9.97	10.24	10.33	9.99
	1RB-Low (0)	2312.5 (27735)	9.98	10.31	10.24	10.15
		2310 (27710)	10.05	10.43	10.33	9.98
		2307.5 (27685)	9.95	10.18	10.07	9.87
	12RB-High (13)	2312.5 (27735)	10.01	10.04	10.08	9.95
		2310 (27710)	9.99	10.04	10.04	10.14
		2307.5 (27685)	9.98	9.99	10.03	9.90
	12RB-Middle (6)	2312.5 (27735)	10.02	10.04	10.04	9.92
		2310 (27710)	10.03	10.07	10.07	10.02
		2307.5 (27685)	10.00	10.01	10.02	10.19
	12RB-Low (0)	2312.5 (27735)	9.99	10.04	10.04	10.07
		2310 (27710)	10.02	10.03	10.01	9.87
		2307.5 (27685)	10.01	10.08	10.05	9.86
	25RB (0)	2312.5 (27735)	10.03	9.98	9.99	10.01
		2310 (27710)	10.04	10.02	10.03	10.04
		2307.5 (27685)	10.04	10.05	10.05	9.91
10MHz	1RB-High (49)	2310 (27710)	10.05	10.43	10.31	10.05
	1RB-Middle (24)	2310 (27710)	10.09	10.30	10.34	10.01
	1RB-Low (0)	2310 (27710)	10.07	10.40	10.17	10.16
	25RB-High (25)	2310 (27710)	10.03	10.03	10.00	9.90
	25RB-Middle (12)	2310 (27710)	9.99	10.00	9.97	9.99
	25RB-Low (0)	2310 (27710)	10.05	10.05	10.03	10.17
	50RB (0)	2310 (27710)	10.05	10.02	10.01	9.87

LTE Band30 ANT3 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	23.15	22.45	21.18	18.06
		2310 (27710)	23.14	22.37	21.34	18.20
		2307.5 (27685)	22.99	22.19	21.25	18.12
	1RB-Middle (12)	2312.5 (27735)	23.16	22.35	21.32	18.18
		2310 (27710)	23.18	22.26	21.36	18.21
		2307.5 (27685)	23.22	22.35	21.14	18.03
	1RB-Low (0)	2312.5 (27735)	23.25	22.35	21.24	18.11
		2310 (27710)	23.09	22.24	21.25	18.12
		2307.5 (27685)	23.11	22.32	21.11	18.00
	12RB-High (13)	2312.5 (27735)	22.03	21.07	20.07	18.04
		2310 (27710)	22.07	21.08	20.11	18.07
		2307.5 (27685)	22.17	21.10	20.08	18.05
	12RB-Middle (6)	2312.5 (27735)	22.08	21.11	20.11	18.07
		2310 (27710)	22.21	21.10	20.10	18.06
		2307.5 (27685)	22.08	21.10	20.11	18.07
	12RB-Low (0)	2312.5 (27735)	22.20	21.10	20.16	18.01
		2310 (27710)	22.14	21.10	20.13	18.09
		2307.5 (27685)	22.14	21.12	20.10	18.06
	25RB (0)	2312.5 (27735)	22.11	21.12	20.09	18.05
		2310 (27710)	22.12	21.08	20.06	18.03
		2307.5 (27685)	22.12	21.13	20.05	18.02
10MHz	1RB-High (49)	2310 (27710)	23.02	22.28	21.17	18.05
	1RB-Middle (24)	2310 (27710)	23.07	22.40	21.12	18.01
	1RB-Low (0)	2310 (27710)	23.15	22.36	21.31	18.17
	25RB-High (25)	2310 (27710)	22.04	21.03	20.05	18.02
	25RB-Middle (12)	2310 (27710)	22.06	21.03	20.04	18.01
	25RB-Low (0)	2310 (27710)	22.22	21.11	20.06	18.03
	50RB (0)	2310 (27710)	22.05	21.04	20.07	18.04

LTE Band41 PC2 ANT3 - Power Level A

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	15.99	16.25	15.99	15.98
		2640.3(41093)	15.99	16.22	15.95	15.97
		2593 (40620)	15.93	16.16	15.92	15.75
		2545.8(40148)	15.90	16.15	15.91	15.90
		2498.5 (39675)	15.71	15.92	15.67	15.84
	1RB-Middle (12)	2687.5 (41565)	16.05	16.23	15.99	15.72
		2640.3(41093)	16.01	16.12	15.94	15.77
		2593 (40620)	15.99	16.20	15.90	15.73
		2545.8(40148)	15.95	16.13	15.86	15.84
		2498.5 (39675)	15.78	15.91	15.64	15.84
	1RB-Low (0)	2687.5 (41565)	15.98	16.22	16.00	15.72
		2640.3(41093)	16.00	16.22	15.94	15.86
		2593 (40620)	15.94	16.21	15.92	15.82
		2545.8(40148)	15.86	16.11	15.87	15.72
		2498.5 (39675)	15.72	15.93	15.69	15.83
	12RB-High (13)	2687.5 (41565)	15.98	16.02	16.01	15.88
		2640.3(41093)	15.99	16.00	16.00	15.77
		2593 (40620)	15.92	15.92	15.96	15.87
		2545.8(40148)	15.89	15.92	15.93	15.92
		2498.5 (39675)	15.69	15.71	15.72	15.85
	12RB-Middle (6)	2687.5 (41565)	15.98	15.99	16.01	15.98
		2640.3(41093)	15.99	15.99	16.01	15.82
		2593 (40620)	15.91	15.92	15.95	15.97
		2545.8(40148)	15.87	15.91	15.92	15.80
		2498.5 (39675)	15.68	15.70	15.72	15.91
	12RB-Low (0)	2687.5 (41565)	15.98	16.02	16.03	15.83
		2640.3(41093)	16.01	16.03	16.05	15.78
		2593 (40620)	15.93	15.97	15.97	15.89
		2545.8(40148)	15.89	15.92	15.93	15.93
		2498.5 (39675)	15.68	15.72	15.71	15.92
	25RB (0)	2687.5 (41565)	16.00	16.00	16.02	15.90
		2640.3(41093)	16.01	16.01	16.05	15.93
		2593 (40620)	15.95	15.96	16.00	15.82
		2545.8(40148)	15.91	15.90	15.94	15.94
		2498.5 (39675)	15.69	15.73	15.74	15.91

10MHz	1RB-High (49)	2685 (41540)	16.02	16.27	15.98	15.99
		2639(41080)	16.01	16.24	15.94	15.83
		2593 (40620)	15.90	16.13	15.89	15.94
		2547(40160)	15.96	16.21	15.94	15.83
		2501 (39700)	15.70	15.92	15.64	15.87
	1RB-Middle (24)	2685 (41540)	15.96	16.19	15.94	15.90
		2639(41080)	15.97	16.20	15.90	15.74
		2593 (40620)	15.96	16.17	15.90	15.90
		2547(40160)	15.88	16.13	15.86	15.88
		2501 (39700)	15.69	15.87	15.64	15.89
	1RB-Low (0)	2685 (41540)	16.07	16.29	16.01	15.86
		2639(41080)	16.01	16.20	15.95	15.74
		2593 (40620)	16.00	16.21	15.97	15.89
		2547(40160)	15.91	16.14	15.87	15.73
		2501 (39700)	15.75	15.98	15.69	15.85
	25RB-High (25)	2685 (41540)	15.96	15.96	16.02	15.94
		2639(41080)	15.96	15.97	16.02	15.88
		2593 (40620)	15.88	15.89	15.96	15.90
		2547(40160)	15.91	15.93	15.98	15.97
		2501 (39700)	15.68	15.68	15.73	15.96
	25RB-Middle (12)	2685 (41540)	15.97	15.97	16.05	15.96
		2639(41080)	15.96	15.96	16.02	15.82
		2593 (40620)	15.91	15.93	15.98	15.74
		2547(40160)	15.87	15.89	15.95	15.87
		2501 (39700)	15.65	15.68	15.73	15.78
	25RB-Low (0)	2685 (41540)	15.99	16.01	16.05	15.93
		2639(41080)	15.96	15.99	16.03	15.76
		2593 (40620)	15.96	15.98	16.02	15.92
		2547(40160)	15.88	15.89	15.95	15.83
		2501 (39700)	15.66	15.68	15.73	15.83
	50RB (0)	2685 (41540)	15.98	16.01	15.95	15.79
		2639(41080)	15.96	16.00	15.94	15.95
		2593 (40620)	15.92	15.96	15.91	15.94
		2547(40160)	15.88	15.92	15.88	15.77
		2501 (39700)	15.66	15.70	15.63	15.98

15MHz	1RB-High (74)	2682.5 (41515)	16.03	16.25	15.96	15.72
		2637.8(41068)	16.03	16.24	15.95	15.95
		2593 (40620)	15.91	16.13	15.83	15.79
		2548.3(40173)	15.94	16.20	15.89	15.88
		2503.5 (39725)	15.72	15.94	15.63	15.79
	1RB-Middle (37)	2682.5 (41515)	16.04	16.27	15.98	15.84
		2637.8(41068)	16.03	16.25	15.94	15.87
		2593 (40620)	15.98	16.19	15.93	15.84
		2548.3(40173)	15.94	16.17	15.83	15.83
		2503.5 (39725)	15.72	15.92	15.64	15.89
	1RB-Low (0)	2682.5 (41515)	16.04	15.97	16.00	15.86
		2637.8(41068)	16.02	16.21	15.92	15.98
		2593 (40620)	16.01	16.25	15.95	15.80
		2548.3(40173)	15.90	16.15	15.88	15.83
		2503.5 (39725)	15.74	15.96	15.67	15.74
	36RB-High (38)	2682.5 (41515)	15.97	15.93	15.92	15.81
		2637.8(41068)	15.96	15.96	15.95	15.77
		2593 (40620)	15.86	15.85	15.85	15.91
		2548.3(40173)	15.90	15.90	15.91	15.83
		2503.5 (39725)	15.65	15.64	15.64	15.90
	36RB-Middle (19)	2682.5 (41515)	15.94	15.92	15.92	15.77
		2637.8(41068)	15.95	15.95	15.95	15.94
		2593 (40620)	15.91	15.90	15.90	15.77
		2548.3(40173)	15.91	15.89	15.91	15.83
		2503.5 (39725)	15.63	15.63	15.62	15.75
	36RB-Low (0)	2682.5 (41515)	15.98	15.95	15.95	15.91
		2637.8(41068)	15.96	15.95	15.95	15.93
		2593 (40620)	15.96	15.95	15.94	15.74
		2548.3(40173)	15.86	15.87	15.87	15.96
		2503.5 (39725)	15.64	15.64	15.62	15.78
	75RB (0)	2682.5 (41515)	15.98	16.02	16.00	15.86
		2637.8(41068)	15.98	16.01	16.01	15.84
		2593 (40620)	15.92	15.97	15.94	15.84
		2548.3(40173)	15.91	15.95	15.93	15.99
		2503.5 (39725)	15.65	15.70	15.67	15.85

20MHz	1RB-High (99)	2680 (41490)	16.01	16.28	15.97	15.94
		2636.5(41055)	16.05	16.25	15.94	15.74
		2593 (40620)	15.90	16.13	15.84	15.86
		2549.5(40185)	15.97	16.24	15.93	15.95
		2506 (39750)	15.71	15.95	15.66	15.91
	1RB-Middle (50)	2680 (41490)	16.06	16.33	15.98	15.99
		2636.5(41055)	16.01	16.22	15.94	15.97
		2593 (40620)	16.00	16.18	15.93	15.99
		2549.5(40185)	15.96	16.21	15.91	15.72
		2506 (39750)	15.70	15.92	15.64	15.90
	1RB-Low (0)	2680 (41490)	16.09	16.29	16.02	15.76
		2636.5(41055)	16.05	16.22	15.94	15.77
		2593 (40620)	16.06	16.27	15.98	15.96
		2549.5(40185)	15.92	16.18	15.87	15.82
		2506 (39750)	15.75	15.96	15.68	15.86
	50RB-High (50)	2680 (41490)	16.01	16.01	15.95	15.97
		2636.5(41055)	15.96	16.03	15.97	15.81
		2593 (40620)	15.91	15.92	15.89	15.73
		2549.5(40185)	15.95	15.99	15.93	15.89
		2506 (39750)	15.68	15.71	15.66	15.81
	50RB-Middle (25)	2680 (41490)	16.01	16.03	15.97	15.94
		2636.5(41055)	16.01	16.02	15.97	15.81
		2593 (40620)	15.95	15.98	15.93	15.87
		2549.5(40185)	15.93	15.97	15.93	15.84
		2506 (39750)	15.68	15.72	15.65	15.89
	50RB-Low (0)	2680 (41490)	16.05	16.06	16.00	15.87
		2636.5(41055)	16.01	16.00	15.95	15.93
		2593 (40620)	15.99	16.03	15.97	15.72
		2549.5(40185)	15.91	15.94	15.90	15.96
		2506 (39750)	15.66	15.69	15.66	15.80
	100RB (0)	2680 (41490)	16.04	16.05	16.02	15.72
		2636.5(41055)	16.01	16.02	15.98	15.78
		2593 (40620)	15.95	15.98	15.94	15.80
		2549.5(40185)	15.94	15.95	15.94	15.81
		2506 (39750)	15.68	15.71	15.67	15.72

LTE Band41 PC2 ANT3 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	26.04	25.14	23.94	20.50
		2640.3(41093)	26.35	25.39	24.13	20.67
		2593 (40620)	26.29	25.35	24.12	20.66
		2545.8(40148)	26.14	25.23	24.02	20.57
		2498.5 (39675)	25.98	25.06	23.85	20.43
	1RB-Middle (12)	2687.5 (41565)	26.04	25.17	23.95	20.51
		2640.3(41093)	26.36	25.37	24.15	20.68
		2593 (40620)	26.32	25.37	24.13	21.95
		2545.8(40148)	26.22	25.28	24.03	20.58
		2498.5 (39675)	26.03	25.06	24.09	20.63
	1RB-Low (0)	2687.5 (41565)	26.05	25.13	24.62	21.09
		2640.3(41093)	26.28	25.43	24.17	20.70
		2593 (40620)	26.26	25.35	24.12	20.66
		2545.8(40148)	26.17	25.92	24.04	20.59
		2498.5 (39675)	26.00	25.05	23.86	20.43
	12RB-High (13)	2687.5 (41565)	25.02	24.01	23.08	20.81
		2640.3(41093)	25.24	24.26	23.28	20.99
		2593 (40620)	25.19	24.19	23.20	20.92
		2545.8(40148)	25.12	24.13	23.15	20.88
		2498.5 (39675)	24.93	23.94	22.98	20.72
	12RB-Middle (6)	2687.5 (41565)	25.00	24.01	23.05	20.79
		2640.3(41093)	25.25	24.28	23.29	21.00
		2593 (40620)	25.17	24.17	23.20	20.92
		2545.8(40148)	25.12	24.12	23.15	20.88
		2498.5 (39675)	24.89	23.92	22.93	20.68
	12RB-Low (0)	2687.5 (41565)	25.02	24.01	23.08	20.81
		2640.3(41093)	25.26	24.28	23.30	21.01
		2593 (40620)	25.19	24.19	23.21	20.93
		2545.8(40148)	25.13	24.14	23.15	20.88
		2498.5 (39675)	24.91	23.93	22.95	20.70
	25RB (0)	2687.5 (41565)	24.99	24.01	23.07	20.80
		2640.3(41093)	25.23	24.30	23.30	21.01
		2593 (40620)	25.87	24.21	23.22	20.94
		2545.8(40148)	25.11	24.17	23.16	20.89
		2498.5 (39675)	24.90	23.95	22.94	20.69

10MHz	1RB-High (49)	2685 (41540)	26.02	25.17	23.89	20.46
		2639(41080)	26.26	25.36	24.12	20.66
		2593 (40620)	26.19	25.25	24.04	20.59
		2547(40160)	26.14	25.23	24.03	20.58
		2501 (39700)	26.00	25.09	23.88	20.45
	1RB-Middle (24)	2685 (41540)	25.97	25.11	23.89	20.46
		2639(41080)	26.23	25.33	23.95	20.26
		2593 (40620)	26.20	25.27	24.04	20.59
		2547(40160)	26.10	25.22	24.00	20.55
		2501 (39700)	25.89	25.02	23.75	20.34
	1RB-Low (0)	2685 (41540)	26.08	25.24	24.72	21.17
		2639(41080)	26.29	25.41	24.16	20.69
		2593 (40620)	26.16	25.35	24.13	20.67
		2547(40160)	26.13	25.59	24.06	20.61
		2501 (39700)	25.94	25.07	23.86	20.43
	25RB-High (25)	2685 (41540)	24.95	23.97	23.00	20.74
		2639(41080)	25.19	24.24	23.26	20.98
		2593 (40620)	25.11	24.14	23.17	20.89
		2547(40160)	25.09	24.09	23.14	20.87
		2501 (39700)	24.89	23.93	22.96	20.71
	25RB-Middle (12)	2685 (41540)	24.96	24.00	23.02	20.76
		2639(41080)	25.18	24.22	23.13	21.91
		2593 (40620)	25.10	24.13	23.17	20.89
		2547(40160)	25.07	24.09	23.14	20.87
		2501 (39700)	24.86	23.90	22.93	20.68
	25RB-Low (0)	2685 (41540)	24.99	24.04	23.07	20.80
		2639(41080)	25.22	24.26	23.28	20.99
		2593 (40620)	25.13	24.17	23.19	20.91
		2547(40160)	25.07	24.10	23.14	20.87
		2501 (39700)	24.84	23.90	22.91	20.66
	50RB (0)	2685 (41540)	24.99	24.03	22.97	20.71
		2639(41080)	25.22	24.26	23.23	20.95
		2593 (40620)	25.12	24.16	23.13	20.86
		2547(40160)	25.08	24.13	23.09	20.80
		2501 (39700)	24.87	23.93	22.90	20.61

15MHz	1RB-High (74)	2682.5 (41515)	26.03	25.13	23.89	20.46
		2637.8(41068)	26.19	25.73	24.11	20.65
		2593 (40620)	26.15	25.25	24.04	20.59
		2548.3(40173)	26.11	25.24	24.01	20.56
		2503.5 (39725)	25.97	25.12	23.89	20.46
	1RB-Middle (37)	2682.5 (41515)	26.03	25.15	23.93	20.49
		2637.8(41068)	26.26	25.38	24.15	20.68
		2593 (40620)	26.21	25.30	24.09	20.63
		2548.3(40173)	26.12	25.23	24.01	20.56
		2503.5 (39725)	25.94	25.09	23.86	20.43
	1RB-Low (0)	2682.5 (41515)	26.08	25.21	23.99	20.55
		2637.8(41068)	26.28	25.42	24.17	20.70
		2593 (40620)	26.25	25.34	24.11	21.74
		2548.3(40173)	26.10	25.27	24.03	21.67
		2503.5 (39725)	25.94	25.05	23.83	21.49
	36RB-High (38)	2682.5 (41515)	24.97	23.93	22.96	20.71
		2637.8(41068)	25.22	24.22	23.23	20.95
		2593 (40620)	25.11	24.13	23.12	20.85
		2548.3(40173)	25.07	24.06	23.06	20.80
		2503.5 (39725)	24.92	23.91	22.93	20.68
	36RB-Middle (19)	2682.5 (41515)	24.96	23.95	22.94	20.69
		2637.8(41068)	25.20	24.23	23.23	20.95
		2593 (40620)	25.13	24.14	23.13	20.86
		2548.3(40173)	25.09	24.08	23.08	20.81
		2503.5 (39725)	24.87	23.87	22.89	20.64
	36RB-Low (0)	2682.5 (41515)	25.48	23.99	22.99	20.73
		2637.8(41068)	25.24	24.24	23.24	20.96
		2593 (40620)	25.16	24.14	23.14	20.87
		2548.3(40173)	25.09	24.09	23.08	20.81
		2503.5 (39725)	24.87	23.87	22.88	20.63
	75RB (0)	2682.5 (41515)	25.02	24.04	23.04	20.78
		2637.8(41068)	25.24	24.30	23.26	20.98
		2593 (40620)	25.14	24.17	23.14	20.82
		2548.3(40173)	25.11	24.15	23.14	20.82
		2503.5 (39725)	24.91	23.95	22.95	20.66

20MHz	1RB-High (99)	2680 (41490)	25.97	25.16	23.90	20.47
		2636.5(41055)	26.22	25.37	24.14	20.67
		2593 (40620)	26.20	25.30	24.08	20.62
		2549.5(40185)	26.17	25.29	24.07	20.61
		2506 (39750)	25.97	25.17	23.92	20.49
	1RB-Middle (50)	2680 (41490)	26.00	25.19	23.94	20.50
		2636.5(41055)	26.22	25.41	24.07	20.61
		2593 (40620)	26.25	25.34	24.11	20.65
		2549.5(40185)	26.11	25.25	24.03	20.58
		2506 (39750)	25.94	25.10	23.86	20.43
	1RB-Low (0)	2680 (41490)	26.15	25.30	24.04	20.59
		2636.5(41055)	26.32	25.47	24.20	20.73
		2593 (40620)	26.28	25.36	24.45	20.94
		2549.5(40185)	26.19	25.33	24.09	20.63
		2506 (39750)	25.92	25.10	23.85	20.43
	50RB-High (50)	2680 (41490)	24.98	24.04	23.02	20.76
		2636.5(41055)	25.23	24.29	23.03	20.77
		2593 (40620)	25.20	24.19	23.21	20.93
		2549.5(40185)	25.11	24.17	23.13	20.86
		2506 (39750)	25.00	24.04	22.98	20.72
	50RB-Middle (25)	2680 (41490)	25.02	24.09	23.04	20.78
		2636.5(41055)	25.27	24.30	23.27	20.99
		2593 (40620)	25.17	24.19	23.16	20.89
		2549.5(40185)	25.13	24.18	23.16	20.89
		2506 (39750)	24.94	23.99	22.97	20.71
	50RB-Low (0)	2680 (41490)	25.08	24.15	23.10	20.83
		2636.5(41055)	25.29	24.33	23.29	21.00
		2593 (40620)	25.23	24.24	23.22	20.94
		2549.5(40185)	25.15	24.20	23.16	20.89
		2506 (39750)	24.91	23.97	22.93	20.68
	100RB (0)	2680 (41490)	25.04	24.10	23.07	20.80
		2636.5(41055)	25.25	24.29	22.89	20.65
		2593 (40620)	25.17	24.17	23.16	20.89
		2549.5(40185)	25.12	24.18	23.13	20.86
		2506 (39750)	25.23	23.99	22.98	20.72

LTE Band41 PC3 ANT3 - Power Level A

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	14.03	14.19	13.54	14.11
		2640.3(41093)	13.98	14.19	13.61	13.91
		2593 (40620)	13.94	14.12	13.61	14.10
		2545.8(40148)	13.84	14.10	13.44	14.08
		2498.5 (39675)	13.75	13.86	13.38	14.10
	1RB-Middle (12)	2687.5 (41565)	14.08	14.21	13.55	13.92
		2640.3(41093)	13.97	14.21	13.59	13.93
		2593 (40620)	13.97	14.13	13.61	13.92
		2545.8(40148)	13.87	14.13	13.58	14.02
		2498.5 (39675)	13.83	13.81	13.38	14.03
	1RB-Low (0)	2687.5 (41565)	14.03	14.15	13.54	13.98
		2640.3(41093)	13.97	14.11	13.77	13.90
		2593 (40620)	13.95	14.13	13.66	13.96
		2545.8(40148)	13.91	14.06	13.56	14.06
		2498.5 (39675)	13.77	13.85	13.40	13.90
	12RB-High (13)	2687.5 (41565)	14.02	13.99	14.02	13.94
		2640.3(41093)	14.02	13.97	14.03	13.93
		2593 (40620)	13.97	13.90	13.95	14.01
		2545.8(40148)	13.96	13.89	13.93	13.95
		2498.5 (39675)	13.76	13.69	13.75	14.05
	12RB-Middle (6)	2687.5 (41565)	14.01	13.97	14.00	13.93
		2640.3(41093)	14.02	13.98	14.02	14.12
		2593 (40620)	13.97	13.91	13.96	14.03
		2545.8(40148)	13.94	13.87	13.92	13.94
		2498.5 (39675)	13.76	13.69	13.73	14.10
	12RB-Low (0)	2687.5 (41565)	14.04	13.99	14.02	14.12
		2640.3(41093)	14.06	13.99	14.03	13.98
		2593 (40620)	13.99	13.92	13.96	14.00
		2545.8(40148)	13.95	13.85	13.94	14.08
		2498.5 (39675)	13.75	13.67	13.75	13.94
	25RB (0)	2687.5 (41565)	14.03	13.99	14.05	14.12
		2640.3(41093)	14.07	14.05	14.08	14.12
		2593 (40620)	13.98	13.95	14.01	13.91
		2545.8(40148)	13.96	13.93	13.98	14.01
		2498.5 (39675)	13.77	13.76	13.78	13.91

10MHz	1RB-High (49)	2685 (41540)	14.08	14.19	13.56	14.06
		2639(41080)	14.08	14.16	13.60	13.91
		2593 (40620)	13.91	14.02	13.58	13.90
		2547(40160)	13.92	14.14	13.48	13.90
		2501 (39700)	13.75	13.86	13.35	14.02
	1RB-Middle (24)	2685 (41540)	14.03	14.12	13.55	14.07
		2639(41080)	14.03	14.12	13.58	13.96
		2593 (40620)	13.97	14.13	13.60	14.09
		2547(40160)	13.84	14.08	13.46	14.07
		2501 (39700)	13.70	13.70	13.23	14.03
	1RB-Low (0)	2685 (41540)	14.13	14.22	13.72	14.06
		2639(41080)	14.06	14.13	13.60	14.09
		2593 (40620)	14.02	14.18	13.59	13.95
		2547(40160)	13.86	14.07	13.44	13.96
		2501 (39700)	13.81	13.88	13.28	13.90
	25RB-High (25)	2685 (41540)	14.00	13.99	14.04	14.00
		2639(41080)	14.03	14.02	14.06	13.92
		2593 (40620)	13.93	13.93	13.97	13.99
		2547(40160)	13.96	13.94	14.00	14.06
		2501 (39700)	13.75	13.72	13.75	13.95
	25RB-Middle (12)	2685 (41540)	14.02	13.99	14.06	13.90
		2639(41080)	14.02	13.98	14.03	14.09
		2593 (40620)	13.95	13.94	14.00	14.03
		2547(40160)	13.95	13.90	13.95	14.04
		2501 (39700)	13.71	13.70	13.74	14.00
	25RB-Low (0)	2685 (41540)	14.04	14.03	14.08	14.01
		2639(41080)	14.04	14.01	14.06	13.97
		2593 (40620)	14.03	14.00	14.01	13.91
		2547(40160)	13.95	13.90	13.95	13.93
		2501 (39700)	13.72	13.70	13.74	13.93
	50RB (0)	2685 (41540)	14.02	14.06	14.00	13.89
		2639(41080)	14.01	14.06	14.02	13.93
		2593 (40620)	13.97	14.00	13.95	13.97
		2547(40160)	13.94	13.96	13.93	14.08
		2501 (39700)	13.73	13.75	13.68	13.90

15MHz	1RB-High (74)	2682.5 (41515)	14.07	14.19	13.68	14.04
		2637.8(41068)	14.04	14.16	13.63	14.12
		2593 (40620)	13.94	14.08	13.51	14.04
		2548.3(40173)	14.02	14.12	13.49	14.05
		2503.5 (39725)	13.74	13.86	13.23	13.98
	1RB-Middle (37)	2682.5 (41515)	14.01	14.20	13.70	13.94
		2637.8(41068)	14.02	14.14	13.66	13.93
		2593 (40620)	14.01	14.13	13.58	14.11
		2548.3(40173)	14.02	14.13	13.60	14.05
		2503.5 (39725)	13.78	13.87	13.28	13.96
	1RB-Low (0)	2682.5 (41515)	14.04	14.23	13.72	13.90
		2637.8(41068)	14.04	14.13	13.59	14.11
		2593 (40620)	14.03	14.16	13.61	14.12
		2548.3(40173)	13.96	14.08	13.56	14.01
		2503.5 (39725)	13.79	13.90	13.40	13.98
	36RB-High (38)	2682.5 (41515)	14.00	13.97	14.00	13.90
		2637.8(41068)	14.03	14.03	14.02	13.95
		2593 (40620)	13.94	13.89	13.93	13.95
		2548.3(40173)	13.95	13.93	13.93	14.07
		2503.5 (39725)	13.70	13.69	13.70	13.89
	36RB-Middle (19)	2682.5 (41515)	13.98	13.96	14.00	14.01
		2637.8(41068)	14.01	14.00	14.03	14.03
		2593 (40620)	13.95	13.94	13.97	14.09
		2548.3(40173)	13.94	13.91	13.92	13.97
		2503.5 (39725)	13.70	13.68	13.72	13.92
	36RB-Low (0)	2682.5 (41515)	14.03	14.00	14.04	13.92
		2637.8(41068)	14.03	14.00	14.00	13.97
		2593 (40620)	14.04	14.00	13.99	14.07
		2548.3(40173)	13.92	13.90	13.90	13.93
		2503.5 (39725)	13.70	13.73	13.71	13.95
	75RB (0)	2682.5 (41515)	14.05	14.09	14.06	14.00
		2637.8(41068)	14.04	14.08	14.07	14.01
		2593 (40620)	13.99	14.01	14.01	13.90
		2548.3(40173)	13.95	13.98	13.99	13.90
		2503.5 (39725)	13.73	13.74	13.74	14.00

20MHz	1RB-High (99)	2680 (41490)	14.11	14.20	13.57	13.91
		2636.5(41055)	14.11	14.20	13.65	13.97
		2593 (40620)	13.96	14.05	13.53	13.96
		2549.5(40185)	14.04	14.14	13.53	14.06
		2506 (39750)	13.78	13.89	13.28	13.90
	1RB-Middle (50)	2680 (41490)	14.08	14.23	13.60	13.94
		2636.5(41055)	14.11	14.16	13.61	13.91
		2593 (40620)	14.04	14.16	13.59	14.02
		2549.5(40185)	14.04	13.92	13.51	13.93
		2506 (39750)	13.79	13.90	13.27	14.02
	1RB-Low (0)	2680 (41490)	14.15	14.26	13.76	14.11
		2636.5(41055)	14.12	14.16	13.64	13.97
		2593 (40620)	14.07	14.13	13.62	14.01
		2549.5(40185)	13.90	14.10	13.56	13.99
		2506 (39750)	13.81	13.91	13.30	14.10
	50RB-High (50)	2680 (41490)	14.06	14.08	14.03	14.12
		2636.5(41055)	14.10	14.10	14.05	13.92
		2593 (40620)	14.00	14.01	13.97	13.96
		2549.5(40185)	14.02	14.04	14.01	13.93
		2506 (39750)	13.78	13.78	13.75	14.11
	50RB-Middle (25)	2680 (41490)	14.09	14.11	14.05	14.07
		2636.5(41055)	14.08	14.10	14.05	14.07
		2593 (40620)	14.02	14.05	14.01	14.12
		2549.5(40185)	14.00	14.03	13.99	13.92
		2506 (39750)	13.77	13.76	13.73	14.01
	50RB-Low (0)	2680 (41490)	14.12	14.15	14.09	14.03
		2636.5(41055)	14.06	14.08	14.05	13.90
		2593 (40620)	14.09	14.11	14.06	14.03
		2549.5(40185)	13.99	14.01	13.99	14.05
		2506 (39750)	13.76	13.78	13.74	14.11
	100RB (0)	2680 (41490)	14.12	14.13	14.09	14.11
		2636.5(41055)	14.07	14.09	14.06	13.99
		2593 (40620)	14.03	14.06	14.03	14.09
		2549.5(40185)	14.01	14.01	14.02	13.90
		2506 (39750)	13.78	13.77	13.75	14.06

LTE Band41 PC3 ANT3 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.16	22.13	20.66	17.86
		2640.3(41093)	23.39	22.31	20.91	18.08
		2593 (40620)	23.35	22.24	20.85	18.03
		2545.8(40148)	23.15	22.20	20.70	17.90
		2498.5 (39675)	23.06	22.03	20.57	17.79
	1RB-Middle (12)	2687.5 (41565)	23.19	22.13	20.66	17.86
		2640.3(41093)	23.42	22.32	20.89	18.06
		2593 (40620)	23.36	22.28	20.83	18.01
		2545.8(40148)	23.26	22.20	20.73	17.92
		2498.5 (39675)	23.10	22.04	20.59	17.80
	1RB-Low (0)	2687.5 (41565)	23.18	22.15	20.68	17.88
		2640.3(41093)	23.45	22.33	20.96	18.12
		2593 (40620)	23.32	22.23	20.83	18.01
		2545.8(40148)	23.19	22.19	20.74	17.93
		2498.5 (39675)	22.95	22.03	20.61	17.82
	12RB-High (13)	2687.5 (41565)	22.09	21.02	20.05	17.93
		2640.3(41093)	22.29	21.25	20.26	18.12
		2593 (40620)	22.17	21.11	20.16	18.03
		2545.8(40148)	22.15	21.07	20.49	18.33
		2498.5 (39675)	21.96	20.93	19.96	17.85
	12RB-Middle (6)	2687.5 (41565)	22.06	20.99	20.02	17.91
		2640.3(41093)	22.29	21.22	20.25	18.11
		2593 (40620)	22.17	21.10	20.16	18.03
		2545.8(40148)	22.12	21.08	20.10	17.98
		2498.5 (39675)	21.93	20.90	19.95	17.84
	12RB-Low (0)	2687.5 (41565)	22.09	21.02	20.05	17.93
		2640.3(41093)	22.29	21.24	20.31	18.16
		2593 (40620)	22.19	21.13	20.16	18.03
		2545.8(40148)	22.14	21.09	20.12	17.99
		2498.5 (39675)	21.97	20.91	20.36	18.21
	25RB (0)	2687.5 (41565)	22.06	21.08	20.07	17.95
		2640.3(41093)	22.27	21.30	20.31	18.16
		2593 (40620)	22.18	21.17	20.18	18.05
		2545.8(40148)	22.14	21.16	20.06	18.26
		2498.5 (39675)	21.95	20.96	20.00	17.89

10MHz	1RB-High (49)	2685 (41540)	23.16	22.09	20.72	17.92
		2639(41080)	23.33	22.29	20.89	18.06
		2593 (40620)	23.29	22.16	20.74	17.93
		2547(40160)	23.19	22.18	20.74	17.93
		2501 (39700)	23.04	22.04	20.61	17.82
	1RB-Middle (24)	2685 (41540)	23.08	22.09	20.67	17.87
		2639(41080)	23.34	22.27	20.88	18.05
		2593 (40620)	23.29	22.17	20.76	17.95
		2547(40160)	23.11	22.16	20.71	17.91
		2501 (39700)	22.94	21.94	20.53	17.75
	1RB-Low (0)	2685 (41540)	23.21	22.17	20.76	17.95
		2639(41080)	23.39	22.31	20.92	18.09
		2593 (40620)	23.32	22.22	20.82	18.00
		2547(40160)	23.19	22.22	20.77	17.96
		2501 (39700)	23.05	22.02	20.58	17.79
	25RB-High (25)	2685 (41540)	21.98	21.01	20.03	17.91
		2639(41080)	22.22	21.23	20.27	18.13
		2593 (40620)	22.11	21.08	20.11	17.99
		2547(40160)	22.10	21.11	20.14	18.01
		2501 (39700)	21.92	20.92	19.96	17.85
	25RB-Middle (12)	2685 (41540)	22.00	21.01	20.06	17.94
		2639(41080)	22.21	21.22	20.24	18.10
		2593 (40620)	22.11	21.10	20.13	18.00
		2547(40160)	22.07	21.06	20.12	17.99
		2501 (39700)	21.90	20.89	19.93	17.82
	25RB-Low (0)	2685 (41540)	22.06	21.06	20.11	17.99
		2639(41080)	22.25	21.25	20.26	18.12
		2593 (40620)	22.14	21.15	20.15	18.02
		2547(40160)	22.08	21.08	20.13	18.00
		2501 (39700)	22.89	20.88	19.92	17.82
	50RB (0)	2685 (41540)	22.02	21.06	20.05	17.93
		2639(41080)	22.25	21.26	20.24	18.10
		2593 (40620)	22.11	21.16	20.10	17.98
		2547(40160)	22.09	21.12	20.08	17.96
		2501 (39700)	21.91	20.94	19.92	17.82

15MHz	1RB-High (74)	2682.5 (41515)	23.04	22.13	20.61	17.82
		2637.8(41068)	23.32	22.22	20.85	18.03
		2593 (40620)	23.22	22.11	20.71	17.91
		2548.3(40173)	23.11	22.11	20.67	17.87
		2503.5 (39725)	23.00	22.02	20.60	17.81
	1RB-Middle (37)	2682.5 (41515)	23.06	22.06	20.63	17.84
		2637.8(41068)	23.33	22.22	20.83	18.01
		2593 (40620)	23.25	22.18	20.76	17.95
		2548.3(40173)	23.06	22.09	20.67	17.87
		2503.5 (39725)	22.98	22.01	20.58	17.79
	1RB-Low (0)	2682.5 (41515)	23.15	22.12	20.71	17.91
		2637.8(41068)	23.36	22.25	20.88	18.05
		2593 (40620)	23.25	22.21	20.78	17.97
		2548.3(40173)	23.10	22.15	20.70	17.90
		2503.5 (39725)	22.94	21.96	20.56	17.78
	36RB-High (38)	2682.5 (41515)	21.90	20.91	19.95	17.84
		2637.8(41068)	22.16	21.62	20.18	18.05
		2593 (40620)	22.70	21.05	20.04	17.92
		2548.3(40173)	21.99	20.98	20.02	17.91
		2503.5 (39725)	21.87	20.86	19.90	17.80
	36RB-Middle (19)	2682.5 (41515)	21.90	20.89	19.95	17.84
		2637.8(41068)	22.17	21.14	20.16	18.03
		2593 (40620)	22.04	21.04	20.06	17.94
		2548.3(40173)	21.99	21.00	20.03	17.91
		2503.5 (39725)	21.82	20.84	19.87	17.77
	36RB-Low (0)	2682.5 (41515)	21.98	20.96	20.16	18.92
		2637.8(41068)	22.18	21.16	20.20	18.07
		2593 (40620)	22.06	21.08	20.07	17.95
		2548.3(40173)	22.01	21.02	20.06	17.94
		2503.5 (39725)	21.84	20.83	19.87	17.77
	75RB (0)	2682.5 (41515)	21.99	21.01	20.05	17.93
		2637.8(41068)	22.18	21.23	20.22	18.08
		2593 (40620)	22.04	21.11	20.08	17.96
		2548.3(40173)	22.04	21.08	20.11	17.99
		2503.5 (39725)	21.86	20.92	19.93	17.82

20MHz	1RB-High (99)	2680 (41490)	23.06	22.04	20.57	17.79
		2636.5(41055)	23.30	22.23	20.80	17.98
		2593 (40620)	23.23	22.14	20.67	17.87
		2549.5(40185)	23.14	22.10	20.65	17.85
		2506 (39750)	23.00	22.65	20.59	17.80
	1RB-Middle (50)	2680 (41490)	23.11	22.06	20.64	17.85
		2636.5(41055)	23.32	22.24	20.86	18.04
		2593 (40620)	23.25	22.17	20.74	17.93
		2549.5(40185)	23.09	22.10	20.65	17.85
		2506 (39750)	23.00	21.96	20.53	17.75
	1RB-Low (0)	2680 (41490)	23.20	22.18	20.73	17.92
		2636.5(41055)	23.39	22.28	20.84	18.02
		2593 (40620)	23.27	22.18	20.76	17.95
		2549.5(40185)	23.20	22.16	20.69	17.89
		2506 (39750)	22.98	21.95	20.50	17.73
	50RB-High (50)	2680 (41490)	21.99	21.01	19.96	17.85
		2636.5(41055)	22.22	21.24	20.17	18.04
		2593 (40620)	22.10	21.10	20.05	17.93
		2549.5(40185)	22.06	21.06	20.02	17.91
		2506 (39750)	21.96	20.96	19.93	17.82
	50RB-Middle (25)	2680 (41490)	22.00	21.01	19.98	17.87
		2636.5(41055)	22.22	21.24	20.18	18.05
		2593 (40620)	22.08	21.08	20.05	17.93
		2549.5(40185)	22.09	21.09	20.06	17.94
		2506 (39750)	21.92	20.93	19.92	17.82
	50RB-Low (0)	2680 (41490)	22.08	21.09	20.06	17.94
		2636.5(41055)	22.25	21.25	20.21	18.08
		2593 (40620)	22.13	21.12	20.07	17.95
		2549.5(40185)	22.09	21.08	20.06	17.94
		2506 (39750)	21.88	20.88	19.86	17.76
	100RB (0)	2680 (41490)	22.08	21.07	20.03	17.91
		2636.5(41055)	22.22	21.23	20.20	18.07
		2593 (40620)	22.08	21.10	20.05	17.93
		2549.5(40185)	22.08	21.09	20.06	17.94
		2506 (39750)	21.92	20.93	19.91	17.81

LTE Band48 ANT3 - Power Level A

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	9.55	9.64	9.23	9.44
		55990	9.59	9.64	9.25	9.51
		55265	9.59	9.64	9.26	9.59
	1RB-Middle (12)	56715	9.57	9.62	9.24	9.58
		55990	9.61	9.69	9.29	9.64
		55265	9.62	9.68	9.23	9.52
	1RB-Low (0)	56715	9.58	9.64	9.24	9.48
		55990	9.57	9.61	9.25	9.51
		55265	9.56	9.62	9.21	9.44
	12RB-High (13)	56715	9.58	9.54	9.63	9.44
		55990	9.55	9.51	9.60	9.66
		55265	9.61	9.55	9.64	9.49
	12RB-Middle (6)	56715	9.57	9.52	9.58	9.51
		55990	9.54	9.50	9.58	9.48
		55265	9.55	9.52	9.57	9.44
	12RB-Low (0)	56715	9.58	9.54	9.60	9.49
		55990	9.54	9.51	9.58	9.48
		55265	9.59	9.51	9.57	9.53
	25RB (0)	56715	9.58	9.58	9.61	9.52
		55990	9.56	9.56	9.58	9.55
		55265	9.59	9.57	9.62	9.54
10MHz	1RB-High (49)	56690	9.63	9.67	9.28	9.67
		55990	9.65	9.71	9.30	9.54
		55290	9.73	9.79	9.38	9.46
	1RB-Middle (24)	56690	9.55	9.60	9.19	9.56
		55990	9.60	9.67	9.23	9.49
		55290	9.59	9.64	9.30	9.60
	1RB-Low (0)	56690	9.65	9.68	9.27	9.50
		55990	9.67	9.70	9.30	9.51
		55290	9.63	9.68	9.28	9.57
	25RB-High (25)	56690	9.60	9.59	9.61	9.46
		55990	9.57	9.57	9.60	9.48
		55290	9.63	9.61	9.65	9.67
	25RB-Middle (12)	56690	9.58	9.58	9.60	9.65
		55990	9.56	9.55	9.57	9.66
		55290	9.59	9.59	9.62	9.66
	25RB-Low (0)	56690	9.58	9.56	9.60	9.45
		55990	9.58	9.56	9.58	9.54
		55290	9.59	9.58	9.61	9.61
	50RB (0)	56690	9.61	9.63	9.61	9.68
		55990	9.56	9.61	9.56	9.44
		55290	9.62	9.64	9.61	9.50

15MHz	1RB-High (74)	56665	9.68	9.76	9.35	9.65
		55990	9.73	9.77	9.34	9.50
		55315	9.80	9.83	9.40	9.66
	1RB-Middle (37)	56665	9.63	9.68	9.26	9.53
		55990	9.63	9.70	9.28	9.56
		55315	9.68	9.71	9.28	9.55
	1RB-Low (0)	56665	9.71	9.76	9.33	9.66
		55990	9.71	9.75	9.50	9.56
		55315	9.70	9.73	9.31	9.59
	36RB-High (38)	56665	9.62	9.61	9.67	9.64
		55990	9.59	9.56	9.58	9.65
		55315	9.67	9.63	9.65	9.61
	36RB-Middle (19)	56665	9.61	9.58	9.58	9.48
		55990	9.57	9.51	9.53	9.44
		55315	9.62	9.56	9.58	9.44
	36RB-Low (0)	56665	9.62	9.59	9.60	9.54
		55990	9.60	9.54	9.57	9.63
		55315	9.61	9.55	9.60	9.53
	75RB (0)	56665	9.67	9.69	9.68	9.61
		55990	9.60	9.63	9.62	9.65
		55315	9.65	9.67	9.67	9.60
20MHz	1RB-High (99)	56640	9.84	9.83	9.40	9.68
		55990	9.80	9.85	9.42	9.47
		55340	9.88	9.91	9.50	9.55
	1RB-Middle (50)	56640	9.74	9.74	9.28	9.64
		55990	9.71	9.73	9.33	9.67
		55340	9.82	9.83	9.42	9.50
	1RB-Low (0)	56640	9.85	9.86	9.44	9.61
		55990	9.78	9.81	9.39	9.64
		55340	9.79	9.78	9.39	9.60
	50RB-High (50)	56640	9.75	9.76	9.74	9.67
		55990	9.73	9.72	9.71	9.60
		55340	9.78	9.82	9.78	9.60
	50RB-Middle (25)	56640	9.74	9.72	9.70	9.44
		55990	9.69	9.68	9.67	9.68
		55340	9.74	9.76	9.72	9.63
	50RB-Low (0)	56640	9.76	9.76	9.72	9.57
		55990	9.71	9.70	9.68	9.58
		55340	9.78	9.78	9.73	9.68
	100RB (0)	56640	9.75	9.74	9.72	9.53
		55990	9.72	9.72	9.70	9.65
		55340	9.78	9.78	9.74	9.59

LTE Band48 ANT3 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	23.15	22.22	20.80	17.46
		55990	23.11	22.13	20.73	17.40
		55265	22.94	21.98	20.55	17.25
	1RB-Middle (12)	56715	23.22	22.24	20.79	17.45
		55990	23.15	22.11	20.72	17.40
		55265	22.97	22.83	20.57	17.27
	1RB-Low (0)	56715	23.16	22.20	20.82	17.48
		55990	23.09	22.97	20.71	17.39
		55265	22.92	21.93	20.51	17.22
	12RB-High (13)	56715	22.14	21.11	20.16	17.44
		55990	22.05	20.99	20.05	17.34
		55265	21.91	20.86	19.91	17.22
	12RB-Middle (6)	56715	22.14	21.09	20.17	17.44
		55990	22.04	20.96	20.00	17.30
		55265	21.87	20.81	19.82	17.14
	12RB-Low (0)	56715	22.14	21.12	20.16	17.44
		55990	22.03	21.00	20.03	17.32
		55265	21.89	20.82	19.87	17.18
	25RB (0)	56715	22.17	21.18	20.17	17.44
		55990	22.05	21.04	20.06	17.35
		55265	21.89	20.89	19.88	17.19
10MHz	1RB-High (49)	56690	23.12	22.19	20.79	17.45
		55990	23.15	22.15	20.72	17.40
		55290	23.01	22.03	20.61	17.30
	1RB-Middle (24)	56690	23.07	22.20	20.78	17.45
		55990	23.11	22.16	20.63	17.40
		55290	22.96	21.98	20.53	17.24
	1RB-Low (0)	56690	23.13	22.18	20.76	17.43
		55990	23.10	22.33	20.68	17.36
		55290	22.95	21.96	20.54	17.24
	25RB-High (25)	56690	22.14	21.13	20.17	17.44
		55990	22.03	21.03	20.04	17.33
		55290	21.93	20.91	19.89	17.20
	25RB-Middle (12)	56690	22.12	21.12	20.15	17.43
		55990	22.03	21.01	20.02	17.31
		55290	21.92	20.90	19.90	17.21
	25RB-Low (0)	56690	22.80	21.10	20.14	17.42
		55990	22.03	21.02	20.02	17.31
		55290	21.88	20.87	19.87	17.18
	50RB (0)	56690	22.14	21.18	20.14	17.42
		55990	22.03	21.06	20.01	17.31
		55290	21.91	20.93	19.87	17.18

15MHz	1RB-High (74)	56665	23.17	22.24	20.81	17.47
		55990	23.13	22.19	20.77	17.44
		55315	23.07	22.06	20.65	17.34
	1RB-Middle (37)	56665	23.17	22.23	20.82	17.48
		55990	23.12	22.20	20.76	17.43
		55315	23.05	22.05	20.63	17.32
	1RB-Low (0)	56665	23.14	22.20	20.80	17.46
		55990	23.06	22.10	20.70	17.38
		55315	23.02	21.99	20.56	17.26
	36RB-High (38)	56665	22.14	21.15	20.14	17.42
		55990	22.04	21.01	20.02	17.31
		55315	22.51	20.94	19.95	17.25
	36RB-Middle (19)	56665	22.14	21.13	20.13	17.41
		55990	22.43	21.01	20.00	17.30
		55315	21.98	20.91	19.90	17.21
	36RB-Low (0)	56665	22.25	21.11	19.96	17.39
		55990	22.07	21.00	19.98	17.28
		55315	21.95	20.90	19.89	17.20
	75RB (0)	56665	22.16	21.22	20.18	17.45
		55990	22.09	21.10	20.06	17.35
		55315	21.98	20.99	19.96	17.26
20MHz	1RB-High (99)	56640	23.58	22.65	21.40	17.97
		55990	23.46	22.52	21.09	17.71
		55340	23.67	22.58	21.32	17.90
	1RB-Middle (50)	56640	23.60	22.60	21.20	17.80
		55990	23.67	22.65	20.86	17.51
		55340	23.74	22.62	21.32	17.90
	1RB-Low (0)	56640	23.58	22.65	21.12	17.73
		55990	23.60	22.61	21.19	17.79
		55340	23.61	22.72	21.15	17.76
	50RB-High (50)	56640	22.58	21.59	20.54	17.76
		55990	22.47	21.52	20.56	17.78
		55340	22.60	21.63	20.59	17.81
	50RB-Middle (25)	56640	22.49	21.58	20.50	17.73
		55990	22.61	21.46	20.54	17.76
		55340	22.65	21.60	20.47	17.70
	50RB-Low (0)	56640	22.42	21.62	20.55	17.77
		55990	22.46	21.56	20.57	17.79
		55340	22.50	21.56	20.45	17.69
	100RB (0)	56640	22.53	21.55	20.57	17.79
		55990	22.52	21.62	20.43	17.67
		55340	22.58	21.61	20.51	17.74

LTE Band66 ANT0 - Power Level A

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	14.68	15.03	14.86	14.77
		1745 (132322)	14.72	14.95	14.83	14.84
		1710.7 (131979)	14.62	14.94	14.79	14.64
	1RB-Middle (3)	1779.3 (132665)	14.70	15.08	14.89	14.73
		1745 (132322)	14.63	15.15	14.90	14.75
		1710.7 (131979)	14.63	14.84	14.79	14.84
	1RB-Low (0)	1779.3 (132665)	14.69	14.98	14.90	14.64
		1745 (132322)	14.70	14.95	14.99	14.79
		1710.7 (131979)	14.65	14.83	14.90	14.85
	3RB-High (3)	1779.3 (132665)	14.71	14.67	14.80	14.75
		1745 (132322)	14.67	14.65	14.80	14.60
		1710.7 (131979)	14.62	14.57	14.67	14.86
	3RB-Middle (1)	1779.3 (132665)	14.70	14.68	14.82	14.86
		1745 (132322)	14.69	14.67	14.76	14.78
		1710.7 (131979)	14.63	14.58	14.61	14.68
	3RB-Low (0)	1779.3 (132665)	14.65	14.65	14.80	14.77
		1745 (132322)	14.68	14.57	14.76	14.65
		1710.7 (131979)	14.61	14.51	14.70	14.83
	6RB (0)	1779.3 (132665)	14.70	14.81	14.68	14.80
		1745 (132322)	14.65	14.74	14.66	14.62
		1710.7 (131979)	14.62	14.65	14.62	14.75
3MHz	1RB-High (14)	1778.5 (132657)	14.67	14.88	14.94	14.81
		1745 (132322)	14.62	14.93	14.89	14.66
		1711.5 (131987)	14.55	14.98	14.80	14.87
	1RB-Middle (7)	1778.5 (132657)	14.66	15.08	14.90	14.76
		1745 (132322)	14.74	15.05	14.88	14.62
		1711.5 (131987)	14.57	14.61	14.64	14.85
	1RB-Low (0)	1778.5 (132657)	14.65	14.88	14.90	14.78
		1745 (132322)	14.61	15.06	14.87	14.84
		1711.5 (131987)	14.62	14.99	14.78	14.64
	8RB-High (7)	1778.5 (132657)	14.71	14.77	14.76	14.77
		1745 (132322)	14.67	14.73	14.76	14.71
		1711.5 (131987)	14.65	14.71	14.72	14.66
	8RB-Middle (4)	1778.5 (132657)	14.66	14.73	14.72	14.79
		1745 (132322)	14.68	14.73	14.75	14.70
		1711.5 (131987)	14.59	14.68	14.73	14.71
	8RB-Low (0)	1778.5 (132657)	14.70	14.79	14.78	14.69
		1745 (132322)	14.68	14.69	14.76	14.65
		1711.5 (131987)	14.65	14.70	14.70	14.63
	15RB (0)	1778.5 (132657)	14.72	14.71	14.71	14.73
		1745 (132322)	14.64	14.67	14.67	14.71
		1711.5 (131987)	14.64	14.64	14.63	14.71

5MHz	1RB-High (24)	1777.5 (132647)	14.72	15.11	14.81	14.75
		1745 (132322)	14.72	15.10	14.86	14.75
		1712.5 (131997)	14.61	14.85	14.81	14.71
	1RB-Middle (12)	1777.5 (132647)	14.76	14.93	14.80	14.69
		1745 (132322)	14.67	15.06	14.89	14.75
		1712.5 (131997)	14.67	14.96	14.86	14.67
	1RB-Low (0)	1777.5 (132647)	14.72	14.77	14.81	14.79
		1745 (132322)	14.69	15.03	14.89	14.63
		1712.5 (131997)	14.64	14.92	14.87	14.67
	12RB-High (13)	1777.5 (132647)	14.74	14.75	14.79	14.63
		1745 (132322)	14.70	14.73	14.74	14.67
		1712.5 (131997)	14.67	14.67	14.68	14.79
	12RB-Middle (6)	1777.5 (132647)	14.74	14.76	14.75	14.75
		1745 (132322)	14.73	14.71	14.73	14.65
		1712.5 (131997)	14.66	14.65	14.72	14.66
	12RB-Low (0)	1777.5 (132647)	14.74	14.73	14.77	14.60
		1745 (132322)	14.72	14.74	14.75	14.60
		1712.5 (131997)	14.66	14.67	14.69	14.75
	25RB (0)	1777.5 (132647)	14.77	14.70	14.74	14.83
		1745 (132322)	14.72	14.70	14.71	14.83
		1712.5 (131997)	14.65	14.66	14.66	14.73
10MHz	1RB-High (49)	1775 (132622)	14.72	15.10	14.86	14.78
		1745 (132322)	14.70	15.05	14.99	14.85
		1715 (132022)	14.56	14.79	14.70	14.78
	1RB-Middle (24)	1775 (132622)	14.70	15.04	14.76	14.69
		1745 (132322)	14.74	14.70	14.90	14.77
		1715 (132022)	14.59	14.84	14.68	14.76
	1RB-Low (0)	1775 (132622)	14.75	15.07	14.69	14.84
		1745 (132322)	14.73	15.08	14.93	14.61
		1715 (132022)	14.62	14.73	14.76	14.61
	25RB-High (25)	1775 (132622)	14.72	14.70	14.70	14.78
		1745 (132322)	14.71	14.69	14.70	14.84
		1715 (132022)	14.63	14.60	14.63	14.74
	25RB-Middle (12)	1775 (132622)	14.70	14.69	14.68	14.71
		1745 (132322)	14.72	14.68	14.71	14.73
		1715 (132022)	14.64	14.61	14.66	14.79
	25RB-Low (0)	1775 (132622)	14.71	14.70	14.71	14.84
		1745 (132322)	14.68	14.67	14.71	14.78
		1715 (132022)	14.62	14.63	14.62	14.66
	50RB (0)	1775 (132622)	14.70	14.71	14.67	14.67
		1745 (132322)	14.72	14.71	14.69	14.70
		1715 (132022)	14.64	14.60	14.61	14.72

15MHz	1RB-High (74)	1772.5 (132597)	14.72	14.95	14.87	14.61
		1745 (132322)	14.73	15.06	14.86	14.70
		1717.5 (132047)	14.73	14.89	14.88	14.85
	1RB-Middle (37)	1772.5 (132597)	14.74	15.03	14.83	14.74
		1745 (132322)	14.70	14.74	14.92	14.72
		1717.5 (132047)	14.56	14.85	14.76	14.62
	1RB-Low (0)	1772.5 (132597)	14.74	14.93	14.94	14.77
		1745 (132322)	14.76	14.92	14.94	14.82
		1717.5 (132047)	14.68	14.87	14.89	14.70
	36RB-High (38)	1772.5 (132597)	14.69	14.67	14.72	14.80
		1745 (132322)	14.68	14.70	14.74	14.63
		1717.5 (132047)	14.58	14.63	14.67	14.77
	36RB-Middle (19)	1772.5 (132597)	14.70	14.68	14.71	14.76
		1745 (132322)	14.64	14.69	14.69	14.86
		1717.5 (132047)	14.58	14.62	14.63	14.68
	36RB-Low (0)	1772.5 (132597)	14.73	14.74	14.74	14.85
		1745 (132322)	14.68	14.70	14.71	14.69
		1717.5 (132047)	14.63	14.61	14.66	14.82
	75RB (0)	1772.5 (132597)	14.70	14.73	14.73	14.82
		1745 (132322)	14.70	14.70	14.73	14.75
		1717.5 (132047)	14.60	14.63	14.60	14.77
20MHz	1RB-High (99)	1770 (132572)	14.75	14.92	14.94	14.66
		1745 (132322)	14.76	15.13	14.96	14.76
		1720 (132072)	14.69	15.07	14.92	14.65
	1RB-Middle (50)	1770 (132572)	14.70	15.08	14.94	14.83
		1745 (132322)	14.72	15.03	14.92	14.84
		1720 (132072)	14.58	14.90	14.74	14.60
	1RB-Low (0)	1770 (132572)	14.77	15.10	14.97	14.80
		1745 (132322)	14.73	14.97	14.95	14.62
		1720 (132072)	14.70	14.93	14.86	14.65
	50RB-High (50)	1770 (132572)	14.72	14.67	14.72	14.62
		1745 (132322)	14.75	14.75	14.75	14.80
		1720 (132072)	14.62	14.63	14.65	14.75
	50RB-Middle (25)	1770 (132572)	14.73	14.76	14.73	14.71
		1745 (132322)	14.72	14.73	14.72	14.65
		1720 (132072)	14.67	14.68	14.67	14.62
	50RB-Low (0)	1770 (132572)	14.79	14.77	14.81	14.86
		1745 (132322)	14.70	14.68	14.71	14.84
		1720 (132072)	14.61	14.65	14.62	14.84
	100RB (0)	1770 (132572)	14.74	14.74	14.71	14.66
		1745 (132322)	14.72	14.70	14.70	14.65
		1720 (132072)	14.65	14.62	14.66	14.82

LTE Band66 ANT0 - Power Level B

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	11.78	12.13	11.93	11.62
		1745 (132322)	11.82	12.09	11.92	11.75
		1710.7 (131979)	11.76	12.00	12.03	11.66
	1RB-Middle (3)	1779.3 (132665)	11.77	12.15	11.95	11.82
		1745 (132322)	11.81	12.06	12.05	11.99
		1710.7 (131979)	11.73	12.03	11.92	11.75
	1RB-Low (0)	1779.3 (132665)	11.74	12.17	11.84	11.92
		1745 (132322)	11.81	12.09	12.07	11.79
		1710.7 (131979)	11.74	12.06	11.98	11.79
	3RB-High (3)	1779.3 (132665)	11.78	11.72	11.93	11.91
		1745 (132322)	11.78	11.76	11.88	11.81
		1710.7 (131979)	11.74	11.66	11.78	11.71
	3RB-Middle (1)	1779.3 (132665)	11.80	11.72	11.93	11.98
		1745 (132322)	11.80	11.73	11.86	11.61
		1710.7 (131979)	11.77	11.74	11.82	11.94
	3RB-Low (0)	1779.3 (132665)	11.82	11.71	11.87	11.76
		1745 (132322)	11.81	11.79	11.92	11.87
		1710.7 (131979)	11.73	11.76	11.82	11.79
	6RB (0)	1779.3 (132665)	11.75	11.85	11.70	11.98
		1745 (132322)	11.79	11.88	11.79	11.96
		1710.7 (131979)	11.74	11.89	11.72	11.95
3MHz	1RB-High (14)	1778.5 (132657)	11.77	12.08	12.06	11.81
		1745 (132322)	11.81	12.10	12.09	11.63
		1711.5 (131987)	11.73	11.96	12.00	11.78
	1RB-Middle (7)	1778.5 (132657)	11.74	12.29	11.94	11.99
		1745 (132322)	11.85	12.13	12.04	11.61
		1711.5 (131987)	11.66	11.97	11.98	11.78
	1RB-Low (0)	1778.5 (132657)	11.74	12.09	11.89	11.98
		1745 (132322)	11.79	12.08	12.01	11.66
		1711.5 (131987)	11.69	12.04	11.95	11.88
	8RB-High (7)	1778.5 (132657)	11.80	11.90	11.83	11.99
		1745 (132322)	11.83	11.88	11.88	11.67
		1711.5 (131987)	11.74	11.81	11.80	11.84
	8RB-Middle (4)	1778.5 (132657)	11.80	11.86	11.88	11.82
		1745 (132322)	11.83	11.84	11.82	11.68
		1711.5 (131987)	11.75	11.82	11.81	11.64
	8RB-Low (0)	1778.5 (132657)	11.80	11.86	11.85	11.85
		1745 (132322)	11.81	11.87	11.92	11.78
		1711.5 (131987)	11.74	11.78	11.79	11.74
	15RB (0)	1778.5 (132657)	11.77	11.78	11.83	11.78
		1745 (132322)	11.80	11.83	11.80	11.81
		1711.5 (131987)	11.73	11.79	11.73	11.65

5MHz	1RB-High (24)	1777.5 (132647)	11.80	12.10	11.95	11.63
		1745 (132322)	11.84	12.12	12.12	11.62
		1712.5 (131997)	11.74	12.07	11.92	11.87
	1RB-Middle (12)	1777.5 (132647)	11.82	12.21	12.09	11.98
		1745 (132322)	11.89	12.20	12.07	11.71
		1712.5 (131997)	11.74	12.07	11.96	11.97
	1RB-Low (0)	1777.5 (132647)	11.79	12.12	11.94	11.96
		1745 (132322)	11.83	12.20	12.04	11.82
		1712.5 (131997)	11.79	12.06	11.89	11.73
	12RB-High (13)	1777.5 (132647)	11.82	11.86	11.87	11.68
		1745 (132322)	11.84	11.89	11.89	11.77
		1712.5 (131997)	11.76	11.79	11.84	11.69
	12RB-Middle (6)	1777.5 (132647)	11.80	11.86	11.81	11.99
		1745 (132322)	11.84	11.89	11.89	11.62
		1712.5 (131997)	11.76	11.78	11.83	11.97
	12RB-Low (0)	1777.5 (132647)	11.82	11.85	11.86	11.83
		1745 (132322)	11.85	11.87	11.95	11.84
		1712.5 (131997)	11.76	11.79	11.87	11.69
	25RB (0)	1777.5 (132647)	11.85	11.79	11.80	11.94
		1745 (132322)	11.83	11.85	11.90	11.94
		1712.5 (131997)	11.79	11.79	11.79	11.65
10MHz	1RB-High (49)	1775 (132622)	11.81	12.19	12.11	11.86
		1745 (132322)	11.88	12.11	11.99	11.80
		1715 (132022)	11.76	11.94	11.89	11.94
	1RB-Middle (24)	1775 (132622)	11.74	12.00	11.95	11.86
		1745 (132322)	11.85	12.14	11.99	11.88
		1715 (132022)	11.74	11.98	11.97	11.69
	1RB-Low (0)	1775 (132622)	11.84	12.06	12.03	11.67
		1745 (132322)	11.89	12.26	12.06	11.74
		1715 (132022)	11.80	12.15	12.00	11.63
	25RB-High (25)	1775 (132622)	11.81	11.80	11.80	11.69
		1745 (132322)	11.83	11.85	11.85	11.81
		1715 (132022)	11.75	11.75	11.76	11.95
	25RB-Middle (12)	1775 (132622)	11.81	11.79	11.79	11.95
		1745 (132322)	11.82	11.84	11.86	11.83
		1715 (132022)	11.76	11.77	11.77	11.99
	25RB-Low (0)	1775 (132622)	11.83	11.79	11.84	11.68
		1745 (132322)	11.85	11.82	11.81	11.70
		1715 (132022)	11.75	11.77	11.74	11.93
	50RB (0)	1775 (132622)	11.79	11.82	11.77	11.60
		1745 (132322)	11.84	11.82	11.82	11.91
		1715 (132022)	11.73	11.75	11.74	11.92

15MHz	1RB-High (74)	1772.5 (132597)	11.82	12.05	12.10	11.84
		1745 (132322)	11.89	12.04	11.96	11.91
		1717.5 (132047)	11.86	12.20	12.01	11.99
	1RB-Middle (37)	1772.5 (132597)	11.82	12.08	12.00	11.97
		1745 (132322)	11.84	12.15	12.05	11.71
		1717.5 (132047)	11.71	12.05	11.94	11.62
	1RB-Low (0)	1772.5 (132597)	11.84	12.16	12.09	11.97
		1745 (132322)	11.86	12.17	12.02	11.92
		1717.5 (132047)	11.77	12.09	11.96	11.71
	36RB-High (38)	1772.5 (132597)	11.78	11.77	11.80	11.91
		1745 (132322)	11.82	11.82	11.84	11.90
		1717.5 (132047)	11.76	11.78	11.78	11.66
	36RB-Middle (19)	1772.5 (132597)	11.79	11.77	11.81	11.87
		1745 (132322)	11.81	11.82	11.85	11.76
		1717.5 (132047)	11.73	11.74	11.77	11.89
	36RB-Low (0)	1772.5 (132597)	11.80	11.83	11.84	11.69
		1745 (132322)	11.80	11.82	11.84	11.78
		1717.5 (132047)	11.73	11.77	11.78	11.64
	75RB (0)	1772.5 (132597)	11.84	11.86	11.81	11.97
		1745 (132322)	11.84	11.84	11.82	11.94
		1717.5 (132047)	11.75	11.77	11.76	11.77
20MHz	1RB-High (99)	1770 (132572)	11.93	12.11	12.12	11.90
		1745 (132322)	11.92	12.09	12.13	11.97
		1720 (132072)	11.87	12.09	12.13	11.78
	1RB-Middle (50)	1770 (132572)	11.84	12.10	12.05	11.98
		1745 (132322)	11.84	12.15	12.12	11.86
		1720 (132072)	11.77	11.97	12.02	11.76
	1RB-Low (0)	1770 (132572)	11.95	12.17	12.05	11.63
		1745 (132322)	11.89	12.18	12.17	11.91
		1720 (132072)	11.82	12.09	12.02	11.76
	50RB-High (50)	1770 (132572)	11.83	11.79	11.83	11.92
		1745 (132322)	11.90	11.87	11.87	11.90
		1720 (132072)	11.80	11.81	11.80	11.90
	50RB-Middle (25)	1770 (132572)	11.86	11.83	11.86	11.86
		1745 (132322)	11.88	11.87	11.89	11.67
		1720 (132072)	11.82	11.81	11.80	11.92
	50RB-Low (0)	1770 (132572)	11.92	11.89	11.89	11.90
		1745 (132322)	11.85	11.82	11.82	11.89
		1720 (132072)	11.79	11.75	11.78	11.83
	100RB (0)	1770 (132572)	11.86	11.85	11.84	11.91
		1745 (132322)	11.86	11.84	11.84	11.92
		1720 (132072)	11.80	11.81	11.77	11.73

LTE Band66 ANT0 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	24.09	23.24	22.06	18.92
		1745 (132322)	24.14	23.22	22.10	18.95
		1710.7 (131979)	23.87	22.93	22.02	18.89
	1RB-Middle (3)	1779.3 (132665)	24.05	23.18	22.07	19.79
		1745 (132322)	23.90	23.13	22.14	18.99
		1710.7 (131979)	23.89	23.12	21.99	18.86
	1RB-Low (0)	1779.3 (132665)	24.00	23.16	22.16	19.01
		1745 (132322)	24.13	23.06	22.12	18.97
		1710.7 (131979)	23.99	23.10	22.16	19.01
	3RB-High (3)	1779.3 (132665)	23.99	23.04	22.12	19.99
		1745 (132322)	23.94	22.91	21.96	19.84
		1710.7 (131979)	23.98	22.95	21.93	19.81
	3RB-Middle (1)	1779.3 (132665)	24.09	23.00	22.07	19.94
		1745 (132322)	23.89	23.04	21.98	19.86
		1710.7 (131979)	23.89	22.83	21.96	19.84
	3RB-Low (0)	1779.3 (132665)	23.98	23.02	22.16	19.80
		1745 (132322)	23.91	23.02	21.92	19.81
		1710.7 (131979)	23.88	23.00	21.92	19.81
	6RB (0)	1779.3 (132665)	23.08	22.13	20.92	18.90
		1745 (132322)	22.99	21.98	20.86	18.85
		1710.7 (131979)	22.89	21.94	20.75	18.75
3MHz	1RB-High (14)	1778.5 (132657)	23.94	23.28	22.15	19.00
		1745 (132322)	24.05	23.09	22.10	18.95
		1711.5 (131987)	23.93	22.99	22.07	18.93
	1RB-Middle (7)	1778.5 (132657)	24.01	23.09	22.20	19.04
		1745 (132322)	23.81	23.21	22.13	18.98
		1711.5 (131987)	24.03	22.92	22.09	18.95
	1RB-Low (0)	1778.5 (132657)	24.04	23.13	22.05	18.91
		1745 (132322)	23.84	23.16	22.02	18.89
		1711.5 (131987)	23.88	23.11	22.01	18.88
	8RB-High (7)	1778.5 (132657)	23.00	22.06	21.09	19.06
		1745 (132322)	22.93	22.01	20.96	18.94
		1711.5 (131987)	22.87	21.91	20.93	18.91
	8RB-Middle (4)	1778.5 (132657)	22.98	22.08	21.00	18.97
		1745 (132322)	22.98	22.02	20.90	18.88
		1711.5 (131987)	22.92	21.95	20.89	18.87
	8RB-Low (0)	1778.5 (132657)	23.06	22.09	21.05	19.02
		1745 (132322)	22.91	21.98	20.94	18.92
		1711.5 (131987)	22.85	21.95	20.86	18.85
	15RB (0)	1778.5 (132657)	23.00	22.01	20.97	18.95
		1745 (132322)	22.94	21.89	20.87	18.86
		1711.5 (131987)	22.86	21.97	20.82	18.81

5MHz	1RB-High (24)	1777.5 (132647)	24.10	23.15	22.20	19.04
		1745 (132322)	24.09	23.13	22.20	19.04
		1712.5 (131997)	23.94	23.20	22.11	18.96
	1RB-Middle (12)	1777.5 (132647)	24.08	23.20	22.23	19.07
		1745 (132322)	24.03	23.19	22.14	18.99
		1712.5 (131997)	23.97	23.06	22.02	18.89
	1RB-Low (0)	1777.5 (132647)	24.02	23.21	22.13	18.98
		1745 (132322)	24.03	23.29	22.13	18.98
		1712.5 (131997)	23.97	23.03	22.08	18.94
	12RB-High (13)	1777.5 (132647)	23.03	22.06	21.06	19.03
		1745 (132322)	22.95	22.01	20.95	18.93
		1712.5 (131997)	22.91	21.90	20.94	18.92
	12RB-Middle (6)	1777.5 (132647)	23.01	22.06	21.05	19.02
		1745 (132322)	23.00	21.97	21.01	18.98
		1712.5 (131997)	22.94	21.91	20.89	18.87
	12RB-Low (0)	1777.5 (132647)	23.06	22.05	21.04	19.01
		1745 (132322)	23.00	22.01	20.98	18.96
		1712.5 (131997)	22.92	21.91	20.95	18.93
	25RB (0)	1777.5 (132647)	23.08	22.04	21.01	18.98
		1745 (132322)	23.00	22.00	20.97	18.95
		1712.5 (131997)	22.95	21.93	20.91	18.89
10MHz	1RB-High (49)	1775 (132622)	23.85	23.25	22.17	19.01
		1745 (132322)	24.12	23.15	22.13	18.98
		1715 (132022)	23.92	23.09	22.05	18.91
	1RB-Middle (24)	1775 (132622)	24.02	23.12	22.13	18.98
		1745 (132322)	23.95	23.14	21.93	18.81
		1715 (132022)	23.88	23.04	21.97	18.84
	1RB-Low (0)	1775 (132622)	24.06	23.25	22.18	19.02
		1745 (132322)	24.01	23.28	22.14	18.99
		1715 (132022)	24.09	23.00	22.09	18.95
	25RB-High (25)	1775 (132622)	23.00	22.00	21.01	18.98
		1745 (132322)	22.97	21.96	20.92	18.90
		1715 (132022)	22.89	21.88	20.85	18.84
	25RB-Middle (12)	1775 (132622)	23.00	21.98	20.96	18.94
		1745 (132322)	22.97	21.94	20.90	18.88
		1715 (132022)	22.91	21.87	20.87	18.86
	25RB-Low (0)	1775 (132622)	22.99	22.02	21.02	18.99
		1745 (132322)	22.95	21.90	20.88	18.87
		1715 (132022)	22.86	21.86	20.82	18.81
	50RB (0)	1775 (132622)	22.97	21.97	20.96	18.94
		1745 (132322)	22.94	21.94	20.88	18.87
		1715 (132022)	22.87	21.84	20.81	18.80

15MHz	1RB-High (74)	1772.5 (132597)	23.95	23.32	22.27	19.10
		1745 (132322)	24.07	23.17	22.09	18.95
		1717.5 (132047)	23.95	23.13	22.15	19.00
	1RB-Middle (37)	1772.5 (132597)	24.12	23.18	22.12	18.97
		1745 (132322)	23.92	23.31	22.13	18.98
		1717.5 (132047)	23.84	22.99	21.97	18.84
	1RB-Low (0)	1772.5 (132597)	23.98	23.08	22.15	19.00
		1745 (132322)	24.11	23.21	22.13	18.98
		1717.5 (132047)	24.03	23.19	22.04	18.90
	36RB-High (38)	1772.5 (132597)	23.02	22.01	21.03	19.00
		1745 (132322)	22.97	22.00	20.95	18.93
		1717.5 (132047)	22.88	21.84	20.89	18.87
	36RB-Middle (19)	1772.5 (132597)	23.03	22.07	21.04	19.01
		1745 (132322)	22.97	21.94	20.95	18.93
		1717.5 (132047)	22.88	21.87	20.90	18.88
	36RB-Low (0)	1772.5 (132597)	23.03	22.03	21.04	19.01
		1745 (132322)	22.95	21.95	20.95	18.93
		1717.5 (132047)	22.90	21.89	20.89	18.87
	75RB (0)	1772.5 (132597)	23.03	22.05	21.03	19.00
		1745 (132322)	22.99	21.96	20.97	18.95
		1717.5 (132047)	22.92	21.89	20.90	18.88
20MHz	1RB-High (99)	1770 (132572)	24.07	23.22	22.19	19.03
		1745 (132322)	24.02	23.25	22.01	18.88
		1720 (132072)	24.01	23.24	22.09	18.95
	1RB-Middle (50)	1770 (132572)	24.02	23.39	22.14	18.99
		1745 (132322)	24.12	23.19	22.16	19.01
		1720 (132072)	23.88	23.11	22.04	18.90
	1RB-Low (0)	1770 (132572)	24.08	23.18	22.14	18.99
		1745 (132322)	24.09	23.33	22.06	18.92
		1720 (132072)	24.05	23.15	22.02	18.89
	50RB-High (50)	1770 (132572)	22.91	22.01	21.02	18.99
		1745 (132322)	22.98	21.99	21.00	18.97
		1720 (132072)	22.95	21.92	20.90	18.88
	50RB-Middle (25)	1770 (132572)	23.00	22.04	21.06	19.03
		1745 (132322)	22.98	21.98	20.96	18.94
		1720 (132072)	22.93	21.94	20.90	18.88
	50RB-Low (0)	1770 (132572)	23.03	22.07	21.02	18.99
		1745 (132322)	22.96	21.99	20.94	18.92
		1720 (132072)	22.93	21.93	20.85	18.84
	100RB (0)	1770 (132572)	23.05	22.01	21.02	18.99
		1745 (132322)	22.97	21.98	20.97	18.95
		1720 (132072)	22.92	21.93	20.88	18.87

LTE Band66 ANT2 - Power Level B

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	13.52	13.63	13.48	13.31
		1745 (132322)	13.57	13.58	13.47	13.45
		1710.7 (131979)	13.50	13.48	13.60	13.35
	1RB-Middle (3)	1779.3 (132665)	13.51	13.65	13.51	13.53
		1745 (132322)	13.56	13.55	13.62	13.73
		1710.7 (131979)	13.47	13.51	13.47	13.45
	1RB-Low (0)	1779.3 (132665)	13.48	13.67	13.38	13.65
		1745 (132322)	13.56	13.58	13.64	13.50
		1710.7 (131979)	13.48	13.55	13.54	13.50
	3RB-High (3)	1779.3 (132665)	13.52	13.16	13.48	13.64
		1745 (132322)	13.52	13.21	13.43	13.52
		1710.7 (131979)	13.48	13.10	13.31	13.41
	3RB-Middle (1)	1779.3 (132665)	13.55	13.16	13.48	13.72
		1745 (132322)	13.55	13.18	13.41	13.29
		1710.7 (131979)	13.51	13.19	13.36	13.67
	3RB-Low (0)	1779.3 (132665)	13.57	13.15	13.42	13.47
		1745 (132322)	13.56	13.24	13.47	13.59
		1710.7 (131979)	13.47	13.21	13.36	13.50
	6RB (0)	1779.3 (132665)	13.49	13.31	13.22	13.72
		1745 (132322)	13.54	13.34	13.33	13.69
		1710.7 (131979)	13.48	13.36	13.25	13.68
3MHz	1RB-High (14)	1778.5 (132657)	13.51	13.57	13.63	13.52
		1745 (132322)	13.56	13.59	13.67	13.32
		1711.5 (131987)	13.47	13.43	13.56	13.49
	1RB-Middle (7)	1778.5 (132657)	13.48	13.80	13.50	13.73
		1745 (132322)	13.61	13.63	13.61	13.29
		1711.5 (131987)	13.39	13.45	13.54	13.49
	1RB-Low (0)	1778.5 (132657)	13.48	13.58	13.44	13.72
		1745 (132322)	13.54	13.57	13.57	13.35
		1711.5 (131987)	13.42	13.52	13.51	13.60
	8RB-High (7)	1778.5 (132657)	13.55	13.37	13.37	13.73
		1745 (132322)	13.58	13.34	13.43	13.36
		1711.5 (131987)	13.48	13.27	13.34	13.56
	8RB-Middle (4)	1778.5 (132657)	13.55	13.32	13.43	13.53
		1745 (132322)	13.58	13.30	13.36	13.37
		1711.5 (131987)	13.49	13.28	13.35	13.33
	8RB-Low (0)	1778.5 (132657)	13.55	13.32	13.39	13.57
		1745 (132322)	13.56	13.33	13.47	13.49
		1711.5 (131987)	13.48	13.23	13.33	13.44
	15RB (0)	1778.5 (132657)	13.51	13.23	13.37	13.49
		1745 (132322)	13.55	13.29	13.34	13.52
		1711.5 (131987)	13.47	13.24	13.26	13.34

5MHz	1RB-High (24)	1777.5 (132647)	13.55	13.59	13.51	13.32
		1745 (132322)	13.59	13.61	13.70	13.31
		1712.5 (131997)	13.48	13.56	13.47	13.59
	1RB-Middle (12)	1777.5 (132647)	13.57	13.71	13.67	13.72
		1745 (132322)	13.65	13.70	13.64	13.41
		1712.5 (131997)	13.48	13.56	13.52	13.71
	1RB-Low (0)	1777.5 (132647)	13.54	13.61	13.50	13.69
		1745 (132322)	13.58	13.70	13.61	13.53
		1712.5 (131997)	13.54	13.55	13.44	13.43
	12RB-High (13)	1777.5 (132647)	13.57	13.32	13.42	13.37
		1745 (132322)	13.59	13.36	13.44	13.48
		1712.5 (131997)	13.50	13.24	13.38	13.39
	12RB-Middle (6)	1777.5 (132647)	13.55	13.32	13.35	13.73
		1745 (132322)	13.59	13.36	13.44	13.31
		1712.5 (131997)	13.50	13.23	13.37	13.71
	12RB-Low (0)	1777.5 (132647)	13.57	13.31	13.41	13.55
		1745 (132322)	13.61	13.33	13.51	13.56
		1712.5 (131997)	13.50	13.24	13.42	13.39
	25RB (0)	1777.5 (132647)	13.61	13.24	13.34	13.67
		1745 (132322)	13.58	13.31	13.45	13.67
		1712.5 (131997)	13.54	13.24	13.33	13.34
10MHz	1RB-High (49)	1775 (132622)	13.56	13.69	13.69	13.58
		1745 (132322)	13.64	13.60	13.55	13.51
		1715 (132022)	13.50	13.41	13.44	13.67
	1RB-Middle (24)	1775 (132622)	13.48	13.48	13.51	13.58
		1745 (132322)	13.61	13.64	13.55	13.60
		1715 (132022)	13.48	13.46	13.53	13.39
	1RB-Low (0)	1775 (132622)	13.59	13.55	13.60	13.36
		1745 (132322)	13.65	13.77	13.63	13.44
		1715 (132022)	13.55	13.65	13.56	13.32
	25RB-High (25)	1775 (132622)	13.56	13.25	13.34	13.39
		1745 (132322)	13.58	13.31	13.39	13.52
		1715 (132022)	13.49	13.20	13.29	13.68
	25RB-Middle (12)	1775 (132622)	13.56	13.24	13.33	13.68
		1745 (132322)	13.57	13.30	13.41	13.55
		1715 (132022)	13.50	13.22	13.30	13.73
	25RB-Low (0)	1775 (132622)	13.58	13.24	13.38	13.37
		1745 (132322)	13.61	13.28	13.35	13.40
		1715 (132022)	13.49	13.22	13.27	13.66
	50RB (0)	1775 (132622)	13.54	13.28	13.30	13.28
		1745 (132322)	13.59	13.28	13.36	13.64
		1715 (132022)	13.47	13.20	13.27	13.65

15MHz	1RB-High (74)	1772.5 (132597)	13.57	13.54	13.68	13.56
		1745 (132322)	13.65	13.52	13.52	13.64
		1717.5 (132047)	13.62	13.70	13.57	13.73
	1RB-Middle (37)	1772.5 (132597)	13.57	13.57	13.56	13.71
		1745 (132322)	13.59	13.65	13.62	13.41
		1717.5 (132047)	13.44	13.54	13.50	13.31
	1RB-Low (0)	1772.5 (132597)	13.59	13.66	13.67	13.71
		1745 (132322)	13.62	13.67	13.59	13.65
		1717.5 (132047)	13.51	13.58	13.52	13.41
	36RB-High (38)	1772.5 (132597)	13.52	13.22	13.34	13.64
		1745 (132322)	13.57	13.28	13.38	13.63
		1717.5 (132047)	13.50	13.23	13.31	13.35
	36RB-Middle (19)	1772.5 (132597)	13.54	13.22	13.35	13.59
		1745 (132322)	13.56	13.28	13.39	13.47
		1717.5 (132047)	13.47	13.19	13.30	13.61
	36RB-Low (0)	1772.5 (132597)	13.55	13.29	13.38	13.39
		1745 (132322)	13.55	13.28	13.38	13.49
		1717.5 (132047)	13.47	13.22	13.31	13.33
	75RB (0)	1772.5 (132597)	13.59	13.32	13.35	13.71
		1745 (132322)	13.59	13.30	13.36	13.67
		1717.5 (132047)	13.49	13.22	13.29	13.48
20MHz	1RB-High (99)	1770 (132572)	13.70	13.65	13.60	13.64
		1745 (132322)	13.65	13.60	13.55	13.59
		1720 (132072)	13.68	13.63	13.58	13.62
	1RB-Middle (50)	1770 (132572)	13.72	13.67	13.62	13.66
		1745 (132322)	13.70	13.65	13.60	13.64
		1720 (132072)	13.65	13.60	13.55	13.59
	1RB-Low (0)	1770 (132572)	13.68	13.63	13.58	13.62
		1745 (132322)	13.71	13.66	13.61	13.65
		1720 (132072)	13.70	13.65	13.60	13.64
	50RB-High (50)	1770 (132572)	13.78	13.73	13.68	13.72
		1745 (132322)	13.81	13.76	13.71	13.75
		1720 (132072)	13.76	13.71	13.66	13.70
	50RB-Middle (25)	1770 (132572)	13.79	13.74	13.69	13.73
		1745 (132322)	13.79	13.74	13.69	13.73
		1720 (132072)	13.75	13.70	13.65	13.69
	50RB-Low (0)	1770 (132572)	13.79	13.74	13.69	13.73
		1745 (132322)	13.80	13.75	13.70	13.74
		1720 (132072)	13.72	13.67	13.62	13.66
	100RB (0)	1770 (132572)	13.78	13.73	13.68	13.72
		1745 (132322)	13.80	13.75	13.70	13.74
		1720 (132072)	13.79	13.74	13.69	13.73

LTE Band66 ANT2 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	23.68	22.86	21.72	18.54
		1745 (132322)	23.73	22.84	21.76	18.57
		1710.7 (131979)	23.46	22.55	21.68	18.51
	1RB-Middle (3)	1779.3 (132665)	23.64	22.80	21.73	19.39
		1745 (132322)	23.49	22.75	21.80	18.61
		1710.7 (131979)	23.48	22.74	21.65	18.48
	1RB-Low (0)	1779.3 (132665)	23.59	22.78	21.82	18.63
		1745 (132322)	23.72	22.68	21.78	18.59
		1710.7 (131979)	23.58	22.72	21.82	18.63
	3RB-High (3)	1779.3 (132665)	23.58	22.66	21.78	19.59
		1745 (132322)	23.53	22.53	21.62	19.44
		1710.7 (131979)	23.57	22.57	21.59	19.41
	3RB-Middle (1)	1779.3 (132665)	23.68	22.62	21.73	19.54
		1745 (132322)	23.48	22.66	21.64	19.46
		1710.7 (131979)	23.48	22.46	21.62	19.44
	3RB-Low (0)	1779.3 (132665)	23.57	22.64	21.82	19.40
		1745 (132322)	23.50	22.64	21.58	19.41
		1710.7 (131979)	23.47	22.62	21.58	19.41
	6RB (0)	1779.3 (132665)	22.69	21.77	20.60	18.52
		1745 (132322)	22.60	21.62	20.54	18.47
		1710.7 (131979)	22.50	21.58	20.43	18.38
3MHz	1RB-High (14)	1778.5 (132657)	23.53	22.90	21.81	18.62
		1745 (132322)	23.64	22.71	21.76	18.57
		1711.5 (131987)	23.52	22.61	21.73	18.55
	1RB-Middle (7)	1778.5 (132657)	23.60	22.71	21.86	18.66
		1745 (132322)	23.41	22.83	21.79	18.60
		1711.5 (131987)	23.62	22.54	21.75	18.57
	1RB-Low (0)	1778.5 (132657)	23.63	22.75	21.71	18.53
		1745 (132322)	23.43	22.78	21.68	18.51
		1711.5 (131987)	23.47	22.73	21.67	18.50
	8RB-High (7)	1778.5 (132657)	22.61	21.70	20.77	18.68
		1745 (132322)	22.54	21.65	20.64	18.56
		1711.5 (131987)	22.48	21.55	20.61	18.53
	8RB-Middle (4)	1778.5 (132657)	22.59	21.72	20.68	18.59
		1745 (132322)	22.59	21.66	20.58	18.50
		1711.5 (131987)	22.53	21.59	20.57	18.49
	8RB-Low (0)	1778.5 (132657)	22.67	21.73	20.73	18.64
		1745 (132322)	22.52	21.62	20.62	18.54
		1711.5 (131987)	22.46	21.59	20.54	18.47
	15RB (0)	1778.5 (132657)	22.61	21.65	20.65	18.57
		1745 (132322)	22.55	21.53	20.55	18.48
		1711.5 (131987)	22.47	21.61	20.50	18.43

5MHz	1RB-High (24)	1777.5 (132647)	23.69	22.77	21.86	18.66
		1745 (132322)	23.68	22.75	21.86	18.66
		1712.5 (131997)	23.53	22.82	21.77	18.58
	1RB-Middle (12)	1777.5 (132647)	23.67	22.82	21.89	18.69
		1745 (132322)	23.62	22.81	21.80	18.61
		1712.5 (131997)	23.56	22.68	21.68	18.51
	1RB-Low (0)	1777.5 (132647)	23.61	22.83	21.79	18.60
		1745 (132322)	23.62	22.91	21.79	18.60
		1712.5 (131997)	23.56	22.65	21.74	18.56
	12RB-High (13)	1777.5 (132647)	22.64	21.70	20.74	18.65
		1745 (132322)	22.56	21.65	20.63	18.55
		1712.5 (131997)	22.52	21.54	20.62	18.54
	12RB-Middle (6)	1777.5 (132647)	22.62	21.70	20.73	18.64
		1745 (132322)	22.61	21.61	20.69	18.60
		1712.5 (131997)	22.55	21.55	20.57	18.49
	12RB-Low (0)	1777.5 (132647)	22.67	21.69	20.72	18.63
		1745 (132322)	22.61	21.65	20.66	18.58
		1712.5 (131997)	22.53	21.55	20.63	18.55
	25RB (0)	1777.5 (132647)	22.69	21.68	20.69	18.60
		1745 (132322)	22.61	21.64	20.65	18.57
		1712.5 (131997)	22.56	21.57	20.59	18.51
10MHz	1RB-High (49)	1775 (132622)	23.44	22.87	21.83	18.63
		1745 (132322)	23.71	22.77	21.79	18.60
		1715 (132022)	23.51	22.71	21.71	18.53
	1RB-Middle (24)	1775 (132622)	23.61	22.74	21.79	18.60
		1745 (132322)	23.54	22.76	21.59	18.43
		1715 (132022)	23.47	22.66	21.63	18.46
	1RB-Low (0)	1775 (132622)	23.65	22.87	21.84	18.64
		1745 (132322)	23.60	22.90	21.80	18.61
		1715 (132022)	23.68	22.62	21.75	18.57
	25RB-High (25)	1775 (132622)	22.61	21.64	20.69	18.60
		1745 (132322)	22.58	21.60	20.60	18.52
		1715 (132022)	22.50	21.52	20.53	18.46
	25RB-Middle (12)	1775 (132622)	22.61	21.62	20.64	18.56
		1745 (132322)	22.58	21.58	20.58	18.50
		1715 (132022)	22.52	21.51	20.55	18.48
	25RB-Low (0)	1775 (132622)	22.60	21.66	20.70	18.61
		1745 (132322)	22.56	21.54	20.56	18.49
		1715 (132022)	22.47	21.50	20.50	18.43
	50RB (0)	1775 (132622)	22.58	21.61	20.64	18.56
		1745 (132322)	22.55	21.58	20.56	18.49
		1715 (132022)	22.48	21.48	20.49	18.42

15MHz	1RB-High (74)	1772.5 (132597)	23.54	22.94	21.93	18.72
		1745 (132322)	23.66	22.79	21.75	18.57
		1717.5 (132047)	23.54	22.75	21.81	18.62
	1RB-Middle (37)	1772.5 (132597)	23.71	22.80	21.78	18.59
		1745 (132322)	23.51	22.93	21.79	18.60
		1717.5 (132047)	23.43	22.61	21.63	18.46
	1RB-Low (0)	1772.5 (132597)	23.57	22.70	21.81	18.62
		1745 (132322)	23.70	22.83	21.79	18.60
		1717.5 (132047)	23.62	22.81	21.70	18.52
	36RB-High (38)	1772.5 (132597)	22.63	21.65	20.71	18.62
		1745 (132322)	22.58	21.64	20.63	18.55
		1717.5 (132047)	22.49	21.48	20.57	18.49
	36RB-Middle (19)	1772.5 (132597)	22.64	21.71	20.72	18.63
		1745 (132322)	22.58	21.58	20.63	18.55
		1717.5 (132047)	22.49	21.51	20.58	18.50
	36RB-Low (0)	1772.5 (132597)	22.64	21.67	20.72	18.63
		1745 (132322)	22.56	21.59	20.63	18.55
		1717.5 (132047)	22.51	21.53	20.57	18.49
	75RB (0)	1772.5 (132597)	22.64	21.69	20.71	18.62
		1745 (132322)	22.60	21.60	20.65	18.57
		1717.5 (132047)	22.53	21.53	20.58	18.50
20MHz	1RB-High (99)	1770 (132572)	23.71	22.77	21.78	18.59
		1745 (132322)	23.62	22.68	21.69	18.52
		1720 (132072)	23.68	22.74	21.75	18.57
	1RB-Middle (50)	1770 (132572)	23.75	22.81	21.82	18.63
		1745 (132322)	23.71	22.72	21.73	18.55
		1720 (132072)	23.62	22.68	21.69	18.52
	1RB-Low (0)	1770 (132572)	23.67	22.73	21.74	18.56
		1745 (132322)	23.73	22.79	21.80	18.61
		1720 (132072)	23.71	22.73	21.74	18.56
	50RB-High (50)	1770 (132572)	22.64	21.62	20.60	18.56
		1745 (132322)	22.69	21.66	20.64	18.60
		1720 (132072)	22.61	21.59	20.57	18.53
	50RB-Middle (25)	1770 (132572)	22.65	21.63	20.61	18.57
		1745 (132322)	22.67	21.64	20.62	18.58
		1720 (132072)	22.60	21.57	20.55	18.51
	50RB-Low (0)	1770 (132572)	22.66	21.63	20.61	18.57
		1745 (132322)	22.68	21.65	20.63	18.59
		1720 (132072)	22.55	21.52	20.50	18.47
	100RB (0)	1770 (132572)	22.65	21.62	20.60	18.56
		1745 (132322)	22.68	21.65	20.63	18.59
		1720 (132072)	22.58	21.63	20.61	18.57

LTE Band71 ANT0 - Power Level A

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	695.5 (133447)	17.55	17.81	17.78	17.95
		680.5 (133297)	17.70	18.01	17.96	17.88
		665.5 (133147)	17.64	17.81	17.89	17.83
	1RB-Middle (12)	695.5 (133447)	17.52	17.94	17.69	17.76
		680.5 (133297)	17.59	18.09	17.91	17.70
		665.5 (133147)	17.81	18.02	17.86	17.80
	1RB-Low (0)	695.5 (133447)	17.61	17.91	17.84	17.71
		680.5 (133297)	17.64	18.05	17.90	17.75
		665.5 (133147)	17.74	18.06	17.92	17.82
	12RB-High (13)	695.5 (133447)	17.57	17.61	17.62	17.90
		680.5 (133297)	17.67	17.69	17.72	17.73
		665.5 (133147)	17.67	17.74	17.77	17.75
	12RB-Middle (6)	695.5 (133447)	17.54	17.62	17.60	17.84
		680.5 (133297)	17.69	17.67	17.71	17.68
		665.5 (133147)	17.74	17.77	17.77	17.61
	12RB-Low (0)	695.5 (133447)	17.57	17.61	17.60	17.61
		680.5 (133297)	17.66	17.70	17.69	17.73
		665.5 (133147)	17.73	17.78	17.77	17.89
	25RB (0)	695.5 (133447)	17.62	17.63	17.58	17.79
		680.5 (133297)	17.68	17.70	17.69	17.73
		665.5 (133147)	17.73	17.73	17.73	17.93
10MHz	1RB-High (49)	693 (132422)	17.59	17.95	17.71	17.94
		680.5 (133297)	17.63	18.14	17.91	17.81
		668 (133172)	17.68	18.01	17.88	17.63
	1RB-Middle (24)	693 (132422)	17.54	17.89	17.77	17.95
		680.5 (133297)	17.68	18.02	17.88	17.97
		668 (133172)	17.61	18.02	17.88	17.88
	1RB-Low (0)	693 (132422)	17.64	17.89	17.88	17.76
		680.5 (133297)	17.69	18.04	17.74	17.96
		668 (133172)	17.82	18.08	17.97	17.85
	25RB-High (25)	693 (132422)	17.61	17.60	17.70	17.88
		680.5 (133297)	17.67	17.64	17.66	17.60
		668 (133172)	17.72	17.73	17.71	17.84
	25RB-Middle (12)	693 (132422)	17.59	17.54	17.57	17.92
		680.5 (133297)	17.68	17.65	17.66	17.72
		668 (133172)	17.68	17.70	17.69	17.71
	25RB-Low (0)	693 (132422)	17.66	17.60	17.64	17.64
		680.5 (133297)	17.67	17.65	17.66	17.78
		668 (133172)	17.69	17.72	17.71	17.67
	50RB (0)	693 (132422)	17.65	17.61	17.60	17.72
		680.5 (133297)	17.66	17.64	17.68	17.79
		668 (133172)	17.71	17.68	17.72	17.87

15MHz	1RB-High (74)	690.5 (133397)	17.55	17.75	17.77	17.60
		680.5 (133297)	17.70	17.81	17.88	17.65
		670.5 (133197)	17.65	17.87	17.78	17.69
	1RB-Middle (37)	690.5 (133397)	17.72	18.12	17.88	17.61
		680.5 (133297)	17.73	18.11	17.96	17.91
		670.5 (133197)	17.71	18.11	17.92	17.89
	1RB-Low (0)	690.5 (133397)	17.71	18.14	17.78	17.74
		680.5 (133297)	17.67	18.06	17.97	17.71
		670.5 (133197)	17.84	18.15	18.05	17.61
	36RB-High (38)	690.5 (133397)	17.60	17.60	17.61	17.84
		680.5 (133297)	17.65	17.64	17.66	17.64
		670.5 (133197)	17.67	17.69	17.65	17.97
	36RB-Middle (19)	690.5 (133397)	17.60	17.57	17.66	17.86
		680.5 (133297)	17.65	17.68	17.65	17.64
		670.5 (133197)	17.71	17.72	17.69	17.92
	36RB-Low (0)	690.5 (133397)	17.62	17.65	17.69	17.71
		680.5 (133297)	17.66	17.65	17.66	17.95
		670.5 (133197)	17.71	17.73	17.74	17.71
	75RB (0)	690.5 (133397)	17.66	17.65	17.62	17.77
		680.5 (133297)	17.69	17.68	17.67	17.79
		670.5 (133197)	17.73	17.73	17.74	17.77
20MHz	1RB-High (99)	688 (133372)	17.56	17.88	17.66	17.62
		683 (133322)	17.56	17.88	17.79	17.77
		673 (133222)	17.62	17.94	17.84	17.75
	1RB-Middle (50)	688 (133372)	17.65	18.07	17.77	17.77
		683 (133322)	17.71	18.01	17.96	17.60
		673 (133222)	17.67	17.95	17.85	17.63
	1RB-Low (0)	688 (133372)	17.71	17.96	17.88	17.81
		683 (133322)	17.72	17.97	17.89	17.81
		673 (133222)	17.78	18.09	17.94	17.76
	50RB-High (50)	688 (133372)	17.70	17.66	17.64	17.74
		683 (133322)	17.67	17.64	17.64	17.90
		673 (133222)	17.74	17.74	17.73	17.82
	50RB-Middle (25)	688 (133372)	17.74	17.70	17.69	17.85
		683 (133322)	17.72	17.69	17.71	17.60
		673 (133222)	17.72	17.73	17.73	17.62
	50RB-Low (0)	688 (133372)	17.76	17.74	17.76	17.79
		683 (133322)	17.73	17.65	17.66	17.85
		673 (133222)	17.79	17.74	17.77	17.68
	100RB (0)	688 (133372)	17.75	17.71	17.70	17.65
		683 (133322)	17.67	17.66	17.64	17.73
		673 (133222)	17.77	17.74	17.73	17.79

LTE Band71 ANT0 - Power Level C

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	695.5 (133447)	22.77	22.00	20.90	17.69
		680.5 (133297)	22.81	22.07	20.87	17.66
		665.5 (133147)	22.85	22.00	20.93	17.71
	1RB-Middle (12)	695.5 (133447)	22.71	22.00	20.71	17.53
		680.5 (133297)	22.93	22.07	21.03	17.80
		665.5 (133147)	22.90	22.16	20.98	17.76
	1RB-Low (0)	695.5 (133447)	22.73	22.06	20.88	17.67
		680.5 (133297)	22.77	21.96	20.87	17.66
		665.5 (133147)	22.90	22.07	21.06	17.82
	12RB-High (13)	695.5 (133447)	21.74	20.75	19.75	17.83
		680.5 (133297)	21.83	20.83	19.83	17.90
		665.5 (133147)	21.85	20.85	19.88	17.95
	12RB-Middle (6)	695.5 (133447)	21.72	20.70	19.74	17.82
		680.5 (133297)	21.80	20.80	19.83	17.90
		665.5 (133147)	21.82	20.90	19.92	17.99
	12RB-Low (0)	695.5 (133447)	21.72	20.74	19.76	17.84
		680.5 (133297)	21.80	20.81	19.82	17.90
		665.5 (133147)	21.83	20.89	19.89	17.96
	25RB (0)	695.5 (133447)	21.76	20.77	19.74	17.82
		680.5 (133297)	21.83	20.86	19.79	17.87
		665.5 (133147)	21.87	20.90	19.87	17.94
10MHz	1RB-High (49)	693 (132422)	23.51	22.70	21.74	17.74
		680.5 (133297)	22.90	21.94	20.94	17.72
		668 (133172)	22.80	22.07	20.97	17.75
	1RB-Middle (24)	693 (132422)	23.71	22.71	21.71	17.73
		680.5 (133297)	22.90	22.08	20.89	17.68
		668 (133172)	22.84	22.19	21.03	17.80
	1RB-Low (0)	693 (132422)	23.62	22.86	21.73	17.78
		680.5 (133297)	22.85	22.02	21.03	17.80
		668 (133172)	22.97	22.25	21.03	17.80
	25RB-High (25)	693 (132422)	22.65	21.64	20.64	17.75
		680.5 (133297)	21.79	20.75	19.79	17.87
		668 (133172)	21.81	20.82	19.99	17.70
	25RB-Middle (12)	693 (132422)	22.61	21.66	20.58	17.58
		680.5 (133297)	21.80	20.81	19.77	17.85
		668 (133172)	21.85	20.87	19.83	17.90
	25RB-Low (0)	693 (132422)	22.61	21.62	20.60	17.60
		680.5 (133297)	21.80	20.76	19.76	17.84
		668 (133172)	21.84	20.83	19.82	17.90
	50RB (0)	693 (132422)	22.62	21.61	20.62	17.62
		680.5 (133297)	21.82	20.79	19.77	17.85
		668 (133172)	21.81	20.82	19.80	17.88

15MHz	1RB-High (74)	690.5 (133397)	22.72	21.79	20.83	17.63
		680.5 (133297)	22.85	22.02	20.91	17.70
		670.5 (133197)	22.73	21.99	20.89	17.68
	1RB-Middle (37)	690.5 (133397)	22.75	21.90	20.90	17.69
		680.5 (133297)	22.93	22.10	21.03	17.80
		670.5 (133197)	22.84	22.10	21.04	17.81
	1RB-Low (0)	690.5 (133397)	22.82	22.12	20.90	17.69
		680.5 (133297)	22.88	22.15	21.08	17.84
		670.5 (133197)	22.94	22.22	20.99	17.79
	36RB-High (38)	690.5 (133397)	21.71	20.72	19.74	17.82
		680.5 (133297)	21.75	20.72	19.75	17.83
		670.5 (133197)	21.83	20.82	19.86	17.93
	36RB-Middle (19)	690.5 (133397)	21.74	20.76	19.75	17.83
		680.5 (133297)	21.78	20.79	19.81	17.89
		670.5 (133197)	21.83	20.84	19.87	17.94
	36RB-Low (0)	690.5 (133397)	21.82	20.79	19.83	17.90
		680.5 (133297)	21.76	20.75	19.78	17.86
		670.5 (133197)	21.82	20.85	19.86	17.93
	75RB (0)	690.5 (133397)	21.77	20.77	19.77	17.85
		680.5 (133297)	21.80	20.77	19.78	17.86
		670.5 (133197)	21.86	20.87	19.82	17.90
20MHz	1RB-High (99)	688 (133372)	22.75	22.00	20.91	17.70
		683 (133322)	22.68	21.97	20.82	17.62
		673 (133222)	22.79	22.98	20.92	17.71
	1RB-Middle (50)	688 (133372)	22.81	22.06	20.99	17.77
		683 (133322)	22.82	22.06	20.92	17.71
		673 (133222)	22.90	22.16	21.15	17.90
	1RB-Low (0)	688 (133372)	22.93	22.10	20.96	17.74
		683 (133322)	22.88	22.20	21.09	17.85
		673 (133222)	22.93	22.17	21.11	17.87
	50RB-High (50)	688 (133372)	21.84	20.88	19.77	17.85
		683 (133322)	21.77	20.77	19.76	17.84
		673 (133222)	21.93	20.90	19.87	17.94
	50RB-Middle (25)	688 (133372)	21.82	20.85	19.84	17.91
		683 (133322)	21.82	20.84	19.84	17.91
		673 (133222)	21.84	20.86	19.83	17.90
	50RB-Low (0)	688 (133372)	21.85	20.86	19.90	17.97
		683 (133322)	21.81	20.78	19.77	17.85
		673 (133222)	21.86	20.85	19.87	17.94
	100RB (0)	688 (133372)	21.84	20.86	19.82	17.90
		683 (133322)	21.78	20.75	19.77	17.85
		673 (133222)	21.88	20.89	19.85	17.92

10.4 NR 5G Measurement result

The maximum output power(Tune-up Limit)

Band	ANT	Power Level A	Power Level B	Power Level C
N2	0	15	12	25
N2	2	/	14	24
N5	0	20	17	25
N12	0	20	/	24
N14	0	20	/	24
N25	0	15	/	25
N25	2	/	14	24
N30	3	14	11	24
N41	3	14	11	26.1
N48	5	8	/	25
N66	0	16	13	25
N66	2	/	14	24
N71	0	20	16	24
N77	5	7	4	27.1

Maximum Power Reduction (MPR) for NR (power class 3)

Modulation		MPR(db)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-DFDM	Pi/2 BPSK	≤3.5	≤1.2	≤0.2
		≤0.5		0
	QPSK	≤1		0
	16 QAM	≤2		≤1
	64QAM	≤2.5		
	256QAM	≤4.5		
CP-OFDM	QPSK	≤3		≤1.5
	16 QAM	≤3		≤2
	64QAM	≤3.5		
	256QAM	≤6.5		

Maximum Power Reduction (MPR) for NR (power class 2)

Modulation		MPR(db)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-DFDM	Pi/2 BPSK	≤3.5	≤0.5	0
	QPSK	≤3.5	≤1	0
	16 QAM	≤3.5	≤2	≤1
	64QAM	≤3.5	≤2.5	
	256QAM	≤4.5		
CP-OFDM	QPSK	≤3.5	≤3	≤1.5
	16 QAM	≤3.5	≤3	≤2
	64QAM	≤3.5		
	256QAM	≤6.5		

Evaluation process for 5G NR TDD bands(n41/n77):

The conducted power value in NR band (TDD) need to be dynamically adjusted with the uplink duty cycle. The dynamic adjusted process is as below:

n41 PC2				
Maxpower	Duty cycle	TX power	Calculation -10*log(Duty cycle	Time Average Power (dBm)
25	1%-10%	23	-10	13
25	11%-20%	32	-7	25
25	21%-30%	30.2	-5.2	25
25	31%-40%	29	-4	25
25	41%-50%	28	-3	25
25	51%-60%	27.2	-2.2	25
25	61%-70%	26.5	-1.5	25
25	71%-80%	26	-1	25
25	81%-90%	25.5	-0.5	25
25	91%-100%	25.1	0	25.1

n77 PC2				
Maxpower	Duty cycle	TX power	Calculation -10*log(Duty cycle	Time Average Power (dBm)
26	1%-10%	16	-10	6
26	11%-20%	33	-7	26
26	21%-30%	31.2	-5.2	26
26	31%-40%	30	-4	26
26	41%-50%	29	-3	26
26	51%-60%	28.2	-2.2	26
26	61%-70%	27.5	-1.5	26
26	71%-80%	27	-1	26
26	81%-90%	26.5	-0.5	26
26	91%-100%	26.1	0	26.1

N2 ANT0 - Power Level A

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	15.00	14.56
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	15.00	14.63
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	15.00	14.62
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1890	378000	15.00	14.59
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1880	376000	15.00	14.60
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	15.00	14.62

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	15.00	14.56
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	15.00	14.50
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	15.00	14.53
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	15.00	14.36
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	15.00	14.51
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	15.00	14.53
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	15.00	14.48
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	15.00	14.53
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	15.00	14.53
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	15.00	14.58
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	15.00	14.59
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	15.00	14.56
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	15.00	14.59
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	15.00	14.58
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	15.00	14.56
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	15.00	14.53
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	15.00	14.55
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	15.00	14.52
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1880	376000	15.00	14.58
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1880	376000	15.00	14.59

N2 ANT0 - Power Level B

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	12.00	11.62
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	12.00	11.68
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	12.00	11.67
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1890	378000	12.00	11.65
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1880	376000	12.00	11.66
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	12.00	11.67

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	12.00	11.62
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	12.00	11.58
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	12.00	11.60
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	12.00	11.46
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	12.00	11.58
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	12.00	11.60
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	12.00	11.56
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	12.00	11.60
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	12.00	11.60
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	12.00	11.64
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	12.00	11.63
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	12.00	11.62
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	12.00	11.61
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	12.00	11.62
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	12.00	11.62
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	12.00	11.60
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	12.00	11.62
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	12.00	11.59
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1880	376000	12.00	11.64
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1880	376000	12.00	11.62

N2 ANT0 - Power Level C

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	25.00	23.86
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	25.00	23.97
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.00	23.95
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1890	378000	25.00	23.90
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1880	376000	25.00	23.92
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	25.00	23.95

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	25.00	23.86
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	24.00	23.03
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.50	21.48
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.50	19.39
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	23.50	22.56
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.00	22.16
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	21.50	20.56
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	18.50	17.37
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	24.00	23.81
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	24.00	23.89
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	24.00	23.90
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	24.00	23.85
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	25.00	23.91
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	25.00	23.88
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	24.00	23.86
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	25.00	23.81
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	25.00	23.83
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	25.00	23.79
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1880	376000	25.00	23.88
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1880	376000	25.00	23.91

N2 ANT2 - Power Level B

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	14.00	13.78
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	14.00	13.80
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	14.00	13.77
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1890	378000	14.00	13.79
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1880	376000	14.00	13.78
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	14.00	13.77

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	14.00	13.74
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	14.00	13.75
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	14.00	13.77
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	14.00	13.71
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	14.00	13.75
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	14.00	13.69
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	14.00	13.78
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	14.00	13.73
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	14.00	13.70
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	14.00	13.69
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	14.00	13.66
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	14.00	13.66
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	14.00	13.67
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	14.00	13.68
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	14.00	13.70
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	14.00	13.79
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	14.00	13.78
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	14.00	13.77
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1880	376000	14.00	13.78
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1880	376000	14.00	13.75

N2 ANT2 - Power Level C

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	25.00	23.90
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	25.00	23.94
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.00	23.92
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1890	378000	25.00	23.92
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1880	376000	25.00	23.90
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	25.00	23.88

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	25.00	23.84
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	24.00	22.80
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.50	21.29
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.50	19.28
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	23.50	22.46
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.00	22.01
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	21.50	20.43
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	18.50	17.23
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	24.00	23.76
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	24.00	23.75
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	24.00	23.69
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	24.00	23.70
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	25.00	23.71
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	25.00	23.73
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	24.00	23.76
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	25.00	23.92
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	25.00	23.90
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	25.00	23.88
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1880	376000	25.00	23.90
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1880	376000	25.00	23.85

N5 ANT0 - Power Level A

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	20.00	19.65
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	20.00	19.68
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	20.00	19.64
5	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	836.5	167300	20.00	19.57

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	836.5	167300	20.00	19.62
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	20.00	19.66
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	20.00	19.65
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	20.00	19.67
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	20.00	19.58
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	20.00	19.66
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	20.00	19.64
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	18.50	17.46
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	20.00	19.52
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	20.00	19.51
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	20.00	19.49
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	20.00	19.53
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	20.00	19.52
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	20.00	19.56
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	20.00	19.53
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	20.00	19.48
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	20.00	19.48
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	20.00	19.51

N5 ANT0 - Power Level B

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	17.00	16.56
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	17.00	16.59
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	17.00	16.56
5	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	836.5	167300	17.00	16.50

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	836.5	167300	17.00	16.54
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	17.00	16.57
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	17.00	16.56
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	17.00	16.58
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	17.00	16.51
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	17.00	16.57
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	17.00	16.56
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	17.00	16.52
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	17.00	16.46
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	17.00	16.45
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	17.00	16.43
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	17.00	16.46
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	17.00	16.46
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	17.00	16.49
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	17.00	16.46
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	17.00	16.42
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	17.00	16.42
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	17.00	16.45

N5 ANT0 - Power Level C

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	25.00	24.02
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	25.00	24.06
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	25.00	24.01
5	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	836.5	167300	25.00	23.93

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	836.5	167300	25.00	23.99
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	24.00	22.93
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	22.50	21.58
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	20.50	20.38
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	23.50	22.72
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	23.00	22.32
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	21.50	20.71
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	18.50	17.55
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	24.00	23.86
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	24.00	23.85
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	24.00	23.83
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	24.00	23.88
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	25.00	23.86
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	25.00	23.91
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	24.00	23.88
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	25.00	23.82
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	25.00	23.81
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	25.00	23.85

N12 ANT0 - Power Level A

No.	Test Freq Description	5G-n12							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n12
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	713.5	142700	20.00	18.58
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	707.5	141500	20.00	18.64
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	701.5	140300	20.00	18.60
4	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	708.5	141700	20.00	18.53
5	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	707.5	141500	20.00	18.57
6	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	706.5	141300	20.00	18.56

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n12							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n12
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	707.5	141500	20.00	18.57
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	707.5	141500	20.00	18.56
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	707.5	141500	20.00	18.60
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	707.5	141500	19.50	18.07
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	707.5	141500	20.00	18.55
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	707.5	141500	20.00	18.59
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	707.5	141500	20.00	18.58
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	707.5	141500	17.50	16.07
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	707.5	141500	20.00	18.53
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	707.5	141500	20.00	18.50
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	707.5	141500	20.00	18.47
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	707.5	141500	20.00	18.45
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	707.5	141500	20.00	18.48
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	707.5	141500	20.00	18.49
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	707.5	141500	20.00	18.55
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	707.5	141500	20.00	18.53

N12 ANT0 - Power Level C

No.	Test Freq Description	5G-n12							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n12
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	713.5	142700	24.00	22.71
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	707.5	141500	24.00	22.78
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	701.5	140300	24.00	22.73
4	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	708.5	141700	24.00	22.65
5	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	707.5	141500	24.00	22.69
6	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	706.5	141300	24.00	22.68

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n12							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n12
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	707.5	141500	24.00	22.70
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	707.5	141500	23.00	21.71
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	707.5	141500	21.50	20.17
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	707.5	141500	19.50	18.17
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	707.5	141500	22.50	21.33
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	707.5	141500	22.00	20.89
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	707.5	141500	20.50	19.28
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	707.5	141500	17.50	16.10
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	707.5	141500	23.00	22.65
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	707.5	141500	23.00	22.61
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	707.5	141500	23.00	22.57
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	707.5	141500	23.00	22.55
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	707.5	141500	24.00	22.58
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	707.5	141500	24.00	22.60
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	707.5	141500	23.00	22.67
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	707.5	141500	24.00	22.64

N14 ANT0 - Power Level A

No.	Test Freq Description	5G-n14							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n14
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	795.5	159100	20.00	19.65
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	793	158600	20.00	19.69
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	790.5	158100	20.00	19.59
5	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	793	158600	20.00	19.61

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n14							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n14
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	707.5	141500	20.00	19.61
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	707.5	141500	20.00	19.66
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	707.5	141500	20.00	19.67
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	707.5	141500	19.50	18.12
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	707.5	141500	20.00	19.47
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	707.5	141500	20.00	19.58
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	707.5	141500	20.00	19.17
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	707.5	141500	17.50	16.13
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	707.5	141500	20.00	19.64
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	707.5	141500	20.00	19.60
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	707.5	141500	20.00	19.55
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	707.5	141500	20.00	19.54
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	707.5	141500	20.00	19.57
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	707.5	141500	20.00	19.53
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	707.5	141500	20.00	19.58

N14 ANT0 - Power Level C

No.	Test Freq Description	5G-n14							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n14
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	795.5	159100	24.00	22.80
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	793	158600	24.00	22.85
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	790.5	158100	24.00	22.73
5	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	793	158600	24.00	22.76

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n14							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n14
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	707.5	141500	24.00	22.76
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	707.5	141500	23.00	21.81
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	707.5	141500	21.50	20.27
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	707.5	141500	19.50	18.24
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	707.5	141500	22.50	21.44
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	707.5	141500	22.00	20.98
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	707.5	141500	20.50	19.38
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	707.5	141500	17.50	16.17
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	707.5	141500	23.00	22.79
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	707.5	141500	23.00	22.75
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	707.5	141500	23.00	22.69
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	707.5	141500	23.00	22.68
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	707.5	141500	24.00	22.71
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	707.5	141500	24.00	22.67
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	707.5	141500	23.00	22.72

N25 ANT0 - Power Level A

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	15.00	13.59
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	15.00	13.63
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	15.00	13.60
4	High	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1892.5	378500	15.00	13.60
5	Middle	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1882.5	376500	15.00	13.61
6	Low	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1872.5	374500	15.00	13.59

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1882.5	376500	15.00	13.55
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	15.00	13.58
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	15.00	13.58
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	15.00	13.59
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1882.5	376500	15.00	13.56
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	15.00	13.50
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	15.00	13.55
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	15.00	13.57
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1882.5	376500	15.00	13.55
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	15.00	13.56
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1882.5	376500	15.00	13.51
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	15.00	13.52
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1882.5	376500	15.00	13.53
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	15.00	13.55
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1882.5	376500	15.00	13.58
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	15.00	13.57
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	15.00	13.61
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	15.00	13.55
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1882.5	376500	15.00	13.58
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1882.5	376500	15.00	13.60
21	Low	15	35	DFT-s-OFDM QPSK	Inner_Full	90_45	1882.5	376500	15.00	13.57
22	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	15.00	13.58

N25 ANT0 - Power Level C

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	25.00	23.09
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	25.00	23.16
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.00	23.12
4	High	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1892.5	378500	25.00	23.14
5	Middle	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1882.5	376500	25.00	23.15
6	Low	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1872.5	374500	25.00	23.11

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1882.5	376500	25.00	23.07
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	24.00	22.10
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	22.50	20.57
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	20.50	18.58
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1882.5	376500	23.50	21.73
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	23.00	21.29
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	21.50	19.70
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	18.50	16.51
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1882.5	376500	24.00	23.04
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	24.00	23.05
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1882.5	376500	24.00	22.96
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	24.00	23.00
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1882.5	376500	25.00	23.01
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	25.00	23.02
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1882.5	376500	24.00	23.09
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	25.00	23.13
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	25.00	23.08
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	25.00	23.09
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1882.5	376500	25.00	23.13
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1882.5	376500	25.00	23.10
21	Low	15	35	DFT-s-OFDM QPSK	Inner_Full	90_45	1882.5	376500	25.00	23.08
22	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	25.00	23.11

N25 ANT2 - Power Level B

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	14.00	12.80
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	14.00	12.84
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	14.00	12.64
4	High	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1892.5	378500	14.00	12.71
5	Middle	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1882.5	376500	14.00	12.73
6	Low	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1872.5	374500	14.00	12.69

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1882.5	376500	14.00	12.76
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	14.00	12.79
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	14.00	12.79
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	14.00	12.80
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1882.5	376500	14.00	12.77
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	14.00	12.72
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	14.00	12.76
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	14.00	12.74
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1882.5	376500	14.00	12.76
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	14.00	12.77
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1882.5	376500	14.00	12.73
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	14.00	12.74
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1882.5	376500	14.00	12.75
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	14.00	12.76
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1882.5	376500	14.00	12.79
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	14.00	12.78
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	14.00	12.82
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	14.00	12.76
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1882.5	376500	14.00	12.79
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1882.5	376500	14.00	12.81
21	Low	15	35	DFT-s-OFDM QPSK	Inner_Full	90_45	1882.5	376500	14.00	12.78
22	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	14.00	12.79

N25 ANT2 - Power Level C

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	25.00	23.12
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	25.00	23.21
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.00	23.05
4	High	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1892.5	378500	25.00	23.09
5	Middle	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1882.5	376500	25.00	23.15
6	Low	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1872.5	374500	25.00	23.14

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1882.5	376500	25.00	23.17
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	24.00	22.38
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	22.50	20.98
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	20.50	18.92
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1882.5	376500	23.50	21.88
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	23.00	21.46
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	21.50	19.82
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	18.50	16.75
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1882.5	376500	24.00	22.74
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	24.00	22.79
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1882.5	376500	24.00	22.78
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	24.00	22.81
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1882.5	376500	25.00	23.15
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	25.00	23.14
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1882.5	376500	24.00	22.78
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	25.00	23.06
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	25.00	23.10
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	25.00	23.14
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1882.5	376500	25.00	23.16
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1882.5	376500	25.00	23.17
21	Low	15	35	DFT-s-OFDM QPSK	Inner_Full	90_45	1882.5	376500	25.00	23.19
22	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	25.00	23.18

N30 ANT3 - Power Level A

No.	Test Freq Description	5G-n30							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n30
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2312.5	462500	14.00	12.88
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2310	462000	14.00	12.94
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2307.5	461500	14.00	12.90
5	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2310	462000	14.00	12.92

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n30							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n30
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2310	462000	14.00	12.92
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2310	462000	14.00	12.90
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2310	462000	14.00	12.92
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2310	462000	14.00	12.91
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2310	462000	14.00	12.89
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2310	462000	14.00	12.88
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2310	462000	14.00	12.92
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2310	462000	14.00	12.90
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2310	462000	14.00	12.90
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2310	462000	14.00	12.93
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2310	462000	14.00	12.82
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2310	462000	14.00	12.84
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2310	462000	14.00	12.87
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2310	462000	14.00	12.82
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2310	462000	14.00	12.81

N30 ANT3 - Power Level B

No.	Test Freq Description	5G-n30							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n30
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2312.5	462500	11.00	9.79
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2310	462000	11.00	9.84
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2307.5	461500	11.00	9.81
5	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2310	462000	11.00	9.82

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n30							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n30
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2310	462000	11.00	9.82
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2310	462000	11.00	9.81
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2310	462000	11.00	9.82
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2310	462000	11.00	9.82
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2310	462000	11.00	9.80
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2310	462000	11.00	9.79
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2310	462000	11.00	9.82
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2310	462000	11.00	9.81
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2310	462000	11.00	9.81
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2310	462000	11.00	9.83
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2310	462000	11.00	9.75
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2310	462000	11.00	9.76
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2310	462000	11.00	9.79
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2310	462000	11.00	9.75
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2310	462000	11.00	9.74

N30 ANT3 - Power Level C

No.	Test Freq Description	5G-n30							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n30
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2312.5	462500	24.00	23.06
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2310	462000	24.00	23.16
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2307.5	461500	24.00	23.09
5	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2310	462000	24.00	23.12

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n30							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n30
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2310	462000	24.00	23.13
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2310	462000	23.00	22.01
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2310	462000	21.50	20.47
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2310	462000	19.50	18.43
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2310	462000	22.50	21.57
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2310	462000	22.00	21.17
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2310	462000	20.50	19.55
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2310	462000	17.50	16.53
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2310	462000	23.00	22.97
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2310	462000	23.00	22.96
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2310	462000	23.00	22.95
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2310	462000	23.00	22.98
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2310	462000	24.00	23.03
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2310	462000	24.00	22.94
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2310	462000	23.00	22.92

N41 ANT3 - Power Level A

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	14.00	12.06
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	14.00	12.07
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	14.00	12.09
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	14.00	12.00
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	14.00	12.01
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	14.00	12.01
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	14.00	12.05
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	14.00	12.03
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	14.00	12.08
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	14.00	12.07
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	14.00	12.03
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	14.00	12.04
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	14.00	12.01
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	14.00	12.03
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	14.00	12.05
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	14.00	12.01
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	14.00	12.04
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	14.00	12.03
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	14.00	12.01
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	14.00	12.03
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	14.00	12.03
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	14.00	12.01
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	14.00	12.00
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	14.00	12.04
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	14.00	12.05
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	14.00	12.03
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	14.00	12.02
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	14.00	12.02
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	14.00	12.01
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	14.00	12.04
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	14.00	12.00
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	14.00	12.04

N41 ANT3 - Power Level B

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	11.00	9.07
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	11.00	9.08
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	11.00	9.09
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	11.00	9.02
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	11.00	9.03
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	11.00	9.03
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	11.00	9.06
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	11.00	9.05
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	11.00	9.01
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	11.00	9.08
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	11.00	9.05
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	11.00	9.05
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	11.00	9.03
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	11.00	9.05
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	11.00	9.06
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	11.00	9.03
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	11.00	9.05
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	11.00	9.05
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	11.00	9.03
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	11.00	9.05
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	11.00	9.05
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	11.00	9.03
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	11.00	9.02
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	11.00	9.05
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	11.00	9.06
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	11.00	9.05
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	11.00	9.04
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	11.00	9.04
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	11.00	9.03
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	11.00	9.05
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	11.00	9.02
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	11.00	9.05

N41 ANT3 - Power Level C

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	26.10	24.38
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	26.10	24.40
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	26.10	24.44
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	26.10	24.24
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	26.10	24.11
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	26.10	24.28
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	26.10	24.35
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	26.10	24.16
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	26.10	24.36
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	25.10	24.34
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	23.60	22.87
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	21.60	20.84
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	24.60	24.28
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	24.10	23.45
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	22.60	21.89
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.60	18.72
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	22.60	22.49
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	22.60	22.46
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	22.60	22.42
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	22.60	22.47
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	26.10	24.32
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	26.10	24.28
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	25.10	24.25
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	26.10	24.33
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	26.10	24.35
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	26.10	24.32
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	26.10	24.30
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	26.10	24.29
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	26.10	24.27
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	26.10	24.22
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	26.10	24.26
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	26.10	24.24

N48 ANT5 - Power Level A

No.	Test Freq Description	5G-n48								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n48
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	8.00	7.68
3	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	8.00	7.71
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	8.00	7.67
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3649.98	643332	8.00	7.66
7	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3624.99	641666	8.00	7.67
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3600	640000	8.00	7.66
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n48								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n48
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3624.99	641666	8.00	7.64
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	8.00	7.66
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	8.00	7.65
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	8.00	7.70
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	3624.99	641666	8.00	7.69
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	8.00	7.66
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	8.00	7.68
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	8.00	7.67
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3624.99	641666	8.00	7.64
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3624.99	641666	8.00	7.67
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3624.99	641666	8.00	7.65
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3624.99	641666	8.00	7.66
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3624.99	641666	8.00	7.64
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3624.99	641666	8.00	7.65
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	3624.99	641666	8.00	7.67
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	8.00	7.65
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	8.00	7.62
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	8.00	7.63
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3624.99	641666	8.00	7.63
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3624.99	641666	8.00	7.65
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3624.99	641666	8.00	7.66
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3624.99	641666	8.00	7.63
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3624.99	641666	8.00	7.64
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3624.99	641666	8.00	7.66

N48 ANT5 - Power Level C

No.	Test Freq Description	5G-n48								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n48
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	25.00	24.16
3	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	25.00	24.25
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	25.00	24.11
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3649.98	643332	25.00	24.08
7	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3624.99	641666	25.00	24.15
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3600	640000	25.00	24.09
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n48								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n48
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3624.99	641666	25.00	24.04
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	24.00	23.11
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	22.50	21.53
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	20.50	19.47
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	3624.99	641666	23.50	22.60
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	23.00	22.12
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	21.50	20.53
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	18.50	17.38
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3624.99	641666	24.00	23.75
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3624.99	641666	24.00	23.71
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3624.99	641666	24.00	23.77
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3624.99	641666	24.00	23.74
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3624.99	641666	25.00	24.03
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3624.99	641666	25.00	24.05
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	3624.99	641666	24.00	23.96
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	25.00	24.05
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	25.00	23.98
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	25.00	24.01
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3624.99	641666	25.00	23.99
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3624.99	641666	25.00	24.06
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3624.99	641666	25.00	24.08
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3624.99	641666	25.00	24.01
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3624.99	641666	25.00	24.03
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3624.99	641666	25.00	24.07

N66 ANT0 - Power Level A

No.	Test Freq Description	5G-n66								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	16.00	15.40
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	16.00	15.49
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	16.00	15.43
4	High	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1757.5	351500	16.00	15.41
5	Middle	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1745	349000	16.00	15.45
6	Low	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1732.5	346500	16.00	15.47
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n66								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	16.00	15.46
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	16.00	15.42
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	16.00	15.43
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	16.00	15.45
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	16.00	15.47
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	16.00	15.42
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	16.00	15.47
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	16.00	15.41
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	16.00	15.33
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	16.00	15.34
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	16.00	15.35
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	16.00	15.34
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	16.00	15.37
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	16.00	15.36
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	16.00	15.35
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	16.00	15.34
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	16.00	15.33
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	16.00	15.36
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	16.00	15.34
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	16.00	15.37
21	Middle	15	35	DFT-s-OFDM QPSK	Inner_Full	90_45	1745	349000	16.00	15.40
22	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	16.00	15.42

N66 ANT0 - Power Level B

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	13.00	12.50
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	13.00	12.57
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	13.00	12.52
4	High	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1757.5	351500	13.00	12.51
5	Middle	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1745	349000	13.00	12.54
6	Low	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1732.5	346500	13.00	12.55

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	13.00	12.55
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	13.00	12.51
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	13.00	12.52
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	13.00	12.54
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	13.00	12.55
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	13.00	12.51
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	13.00	12.55
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	13.00	12.51
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	13.00	12.44
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	13.00	12.45
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	13.00	12.46
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	13.00	12.45
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	13.00	12.47
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	13.00	12.46
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	13.00	12.46
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	13.00	12.45
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	13.00	12.44
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	13.00	12.46
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	13.00	12.45
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	13.00	12.47
21	Middle	15	35	DFT-s-OFDM QPSK	Inner_Full	90_45	1745	349000	13.00	12.50
22	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	13.00	12.51

N66 ANT0 - Power Level C

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	25.00	23.88
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	25.00	24.02
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	25.00	23.92
4	High	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1757.5	351500	25.00	23.90
5	Middle	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1745	349000	25.00	23.96
6	Low	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1732.5	346500	25.00	23.99

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	25.00	23.97
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	24.00	22.82
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	22.50	21.29
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	20.50	19.31
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	23.50	22.44
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	23.00	22.02
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.50	20.42
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.50	17.23
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	24.00	23.77
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	24.00	23.78
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	24.00	23.81
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	24.00	23.78
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	25.00	23.83
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	25.00	23.82
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	24.00	23.81
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	25.00	23.78
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	25.00	23.77
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	25.00	23.82
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	25.00	23.79
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	25.00	23.83
21	Middle	15	35	DFT-s-OFDM QPSK	Inner_Full	90_45	1745	349000	25.00	23.88
22	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	25.00	23.91

N66 ANT2 - Power Level B

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	14.00	13.71
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	14.00	13.74
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	14.00	13.73
4	High	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1757.5	351500	14.00	13.72
5	Middle	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1745	349000	14.00	13.73
6	Low	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1732.5	346500	14.00	13.73

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	14.00	13.66
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	14.00	13.61
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	14.00	13.62
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	14.00	13.67
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	14.00	13.61
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	14.00	13.65
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	14.00	13.72
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	14.00	13.69
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	14.00	13.65
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	14.00	13.67
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	14.00	13.61
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	14.00	13.62
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	14.00	13.62
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	14.00	13.63
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	14.00	13.67
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	14.00	13.73
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	14.00	13.73
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	14.00	13.72
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	14.00	13.72
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	14.00	13.73
21	Middle	15	35	DFT-s-OFDM QPSK	Inner_Full	90_45	1745	349000	14.00	13.71
22	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	14.00	13.72

N66 ANT2 - Power Level C

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	25.00	23.80
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	25.00	23.86
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	25.00	23.84
4	High	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1757.5	351500	25.00	23.82
5	Middle	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1745	349000	25.00	23.85
6	Low	15	45	DFT-s-OFDM QPSK	Inner_Full	120_60	1732.5	346500	25.00	23.85

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	25.00	23.72
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	24.00	22.77
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	22.50	21.22
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	20.50	19.22
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	23.50	22.42
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	23.00	21.96
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.50	20.36
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.50	17.17
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	24.00	23.71
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	24.00	23.73
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	24.00	23.64
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	24.00	23.66
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	25.00	23.65
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	25.00	23.67
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	24.00	23.73
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	25.00	23.84
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	25.00	23.85
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	25.00	23.83
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	25.00	23.82
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	25.00	23.84
21	Middle	15	35	DFT-s-OFDM QPSK	Inner_Full	90_45	1745	349000	25.00	23.81
22	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	25.00	23.83

N71 ANT0 - Power Level A

No.	Test Freq Description	5G-n71								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n71
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	695.5	139100	20.00	18.62
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	680.5	136100	20.00	18.69
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	665.5	133100	20.00	18.58
4	Middle	15	35	DFT-s-OFDM QPSK	Inner_Full	90_45	680.5	136100	20.00	18.67

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n71								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n71
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	680.5	136100	20.00	18.61
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	680.5	136100	20.00	18.61
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	680.5	136100	20.00	18.56
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	680.5	136100	19.50	18.11
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	680.5	136100	20.00	18.60
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	680.5	136100	20.00	18.52
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	680.5	136100	20.00	18.51
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	680.5	136100	17.50	16.05
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	680.5	136100	20.00	18.58
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	680.5	136100	20.00	18.58
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	680.5	136100	20.00	18.50
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	680.5	136100	20.00	18.54
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	680.5	136100	20.00	18.51
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	680.5	136100	20.00	18.54
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	680.5	136100	20.00	18.59
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	680.5	136100	20.00	18.61
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	680.5	136100	20.00	18.54
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	680.5	136100	20.00	18.57
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	680.5	136100	20.00	18.53
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	680.5	136100	20.00	18.58

N71 ANT0 - Power Level B

No.	Test Freq Description	5G-n71								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n71
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	695.5	139100	16.00	14.65
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	680.5	136100	16.00	14.66
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	665.5	133100	16.00	14.62
4	Middle	15	35	DFT-s-OFDM QPSK	Inner_Full	90_45	680.5	136100	16.00	14.62

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n71								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n71
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	680.5	136100	16.00	14.60
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	680.5	136100	16.00	14.60
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	680.5	136100	16.00	14.56
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	680.5	136100	16.00	14.21
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	680.5	136100	16.00	14.59
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	680.5	136100	16.00	14.53
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	680.5	136100	16.00	14.52
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	680.5	136100	16.00	14.63
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	680.5	136100	16.00	14.57
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	680.5	136100	16.00	14.57
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	680.5	136100	16.00	14.51
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	680.5	136100	16.00	14.54
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	680.5	136100	16.00	14.52
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	680.5	136100	16.00	14.54
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	680.5	136100	16.00	14.58
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	680.5	136100	16.00	14.60
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	680.5	136100	16.00	14.54
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	680.5	136100	16.00	14.57
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	680.5	136100	16.00	14.53
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	680.5	136100	16.00	14.57

N71 ANT0 - Power Level C

No.	Test Freq Description	5G-n71							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n71
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	695.5	139100	24.00	22.72
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	680.5	136100	24.00	22.81
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	665.5	133100	24.00	22.68
4	Middle	15	35	DFT-s-OFDM QPSK	Inner_Full	90_45	680.5	136100	24.00	22.78

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-n71							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n71
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	680.5	136100	24.00	22.71
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	680.5	136100	23.00	21.74
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	680.5	136100	21.50	20.21
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	680.5	136100	19.50	18.20
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	680.5	136100	22.50	21.36
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	680.5	136100	22.00	20.90
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	680.5	136100	20.50	19.29
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	680.5	136100	17.50	16.17
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	680.5	136100	23.00	22.67
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	680.5	136100	23.00	22.68
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	680.5	136100	23.00	22.58
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	680.5	136100	23.00	22.63
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	680.5	136100	24.00	22.59
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	680.5	136100	24.00	22.63
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	680.5	136100	23.00	22.69
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	680.5	136100	24.00	22.71
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	680.5	136100	24.00	22.63
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	680.5	136100	24.00	22.66
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	680.5	136100	24.00	22.61
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	680.5	136100	24.00	22.68

N77-L ANT5 - Power Level A

No.	Test Freq Description	5G-N77-L							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		N77-L
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3544.98	636332	7.00	5.84
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	7.00	5.88
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3445.01	630334	7.00	5.85
4	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	7.00	5.83

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-N77-L							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		N77-L
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3500.01	633334	7.00	5.83
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3500.01	633334	7.00	5.88
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3500.01	633334	7.00	5.82
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3500.01	633334	7.00	5.86
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	3500.01	633334	7.00	5.80
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3500.01	633334	7.00	5.86
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3500.01	633334	7.00	5.81
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3500.01	633334	7.00	5.83
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3500.01	633334	7.00	5.87
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3500.01	633334	7.00	5.81
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3500.01	633334	7.00	5.83
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3500.01	633334	7.00	5.86
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3500.01	633334	7.00	5.84
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	7.00	5.81
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	3500.01	633334	7.00	5.83
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	7.00	5.83
19	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3470.01	631334	7.00	5.84
20	High	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3475.02	631668	7.00	5.84
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	7.00	5.84
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3500.01	633334	7.00	5.84
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	7.00	5.83
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	7.00	5.83

N77-L ANT5 - Power Level B

No.	Test Freq Description	5G-N77-L								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	N77-L
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3544.98	636332	4.00	2.61
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	4.00	2.62
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3445.01	630334	4.00	2.60
4	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	4.00	2.61

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-N77-L								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	N77-L
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3500.01	633334	4.00	2.61
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3500.01	633334	4.00	2.54
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3500.01	633334	4.00	2.58
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3500.01	633334	4.00	2.55
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	3500.01	633334	4.00	2.60
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3500.01	633334	4.00	2.45
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3500.01	633334	4.00	2.59
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3500.01	633334	4.00	2.57
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3500.01	633334	4.00	2.61
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3500.01	633334	4.00	2.60
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3500.01	633334	4.00	2.59
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3500.01	633334	4.00	2.60
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3500.01	633334	4.00	2.57
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	4.00	2.57
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	3500.01	633334	4.00	2.61
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	4.00	2.61
19	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3470.01	631334	4.00	2.60
20	High	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3475.02	631668	4.00	2.61
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	4.00	2.62
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3500.01	633334	4.00	2.61
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	4.00	2.59
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	4.00	2.61

N77-L ANT5 - Power Level C

No.	Test Freq Description	5G-N77-L								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	N77-L
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3544.98	636332	27.10	26.33
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	27.10	26.39
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3445.01	630334	27.10	26.38
4	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	27.10	26.32

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-N77-L								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	N77-L
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3500.01	633334	27.10	26.32
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3500.01	633334	26.10	25.61
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3500.01	633334	24.60	24.01
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3500.01	633334	22.60	21.91
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	3500.01	633334	25.60	25.18
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3500.01	633334	25.10	24.64
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3500.01	633334	23.60	23.04
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3500.01	633334	20.60	19.80
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3500.01	633334	23.60	23.32
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3500.01	633334	23.60	23.33
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3500.01	633334	23.60	23.43
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3500.01	633334	23.60	23.41
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3500.01	633334	27.10	25.89
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	27.10	25.88
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	3500.01	633334	26.10	25.31
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	27.10	26.32
19	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3470.01	631334	27.10	26.35
20	High	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3475.02	631668	27.10	26.33
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	27.10	26.36
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3500.01	633334	27.10	26.33
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	27.10	26.31
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	27.10	26.30

N77-H ANT5 - Power Level A

No.	Test Freq Description	5G-N77H								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	N7H
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3975	665000	7.00	6.07
2	Middle-1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3921	661400	7.00	6.08
3	Middle-2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3867	657800	7.00	6.09
4	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3813	654200	7.00	6.03
5	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3759	650600	7.00	6.06
6	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3705	647000	7.00	6.07
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3930	662000	7.00	6.08
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3750	650000	7.00	6.07
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-N77H								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	N7H
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3867	657800	7.00	6.08
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3867	657800	7.00	6.00
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3867	657800	7.00	6.04
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3867	657800	7.00	6.06
5	Middle-3	30	10	CP-OFDM QPSK	Inner_Full	12_6	3867	657800	7.00	6.05
6	Middle-3	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3867	657800	7.00	6.02
7	Middle-3	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3867	657800	7.00	6.03
8	Middle-3	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3867	657800	7.00	6.08
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3867	657800	7.00	6.04
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3867	657800	7.00	6.01
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3867	657800	7.00	6.03
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3867	657800	7.00	6.02
15	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3867	657800	7.00	6.01
16	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3867	657800	7.00	5.99
17	Middle-3	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	3867	657800	7.00	6.02
18	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3867	657800	7.00	6.03
19	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3867	657800	7.00	6.00
20	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3867	657800	7.00	6.05
21	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3867	657800	7.00	6.06
22	Low	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3867	657800	7.00	6.03
23	Low	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3867	657800	7.00	6.03
24	Low	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3867	657800	7.00	6.04
25	Low	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3867	657800	7.00	6.01
26	Low	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3867	657800	7.00	6.01

N77-H ANT5 - Power Level B

No.	Test Freq Description	5G-N77H								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	N7H
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3975	665000	4.00	2.69
2	Middle-1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3921	661400	4.00	2.73
3	Middle-2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3867	657800	4.00	2.75
4	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3813	654200	4.00	2.67
5	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3759	650600	4.00	2.69
6	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3705	647000	4.00	2.69
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3930	662000	4.00	2.70
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3750	650000	4.00	2.69

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-N77H								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	N7H
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3867	657800	4.00	2.70
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3867	657800	4.00	2.66
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3867	657800	4.00	2.68
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3867	657800	4.00	2.69
5	Middle-3	30	10	CP-OFDM QPSK	Inner_Full	12_6	3867	657800	4.00	2.68
6	Middle-3	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3867	657800	4.00	2.67
7	Middle-3	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3867	657800	4.00	2.67
8	Middle-3	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3867	657800	4.00	2.70
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3867	657800	4.00	2.68
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3867	657800	4.00	2.66
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3867	657800	4.00	2.67
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3867	657800	4.00	2.67
15	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3867	657800	4.00	2.66
16	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3867	657800	4.00	2.66
17	Middle-3	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	3867	657800	4.00	2.67
18	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3867	657800	4.00	2.67
19	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3867	657800	4.00	2.66
20	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3867	657800	4.00	2.68
21	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3867	657800	4.00	2.69
22	Low	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3867	657800	4.00	2.67
23	Low	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3867	657800	4.00	2.67
24	Low	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3867	657800	4.00	2.68
25	Low	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3867	657800	4.00	2.66
26	Low	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3867	657800	4.00	2.66

N77-H ANT5 - Power Level C

No.	Test Freq Description	5G-N77H								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	N7H
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3975	665000	27.10	26.32
2	Middle-1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3921	661400	27.10	26.39
3	Middle-2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3867	657800	27.10	26.41
4	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3813	654200	27.10	26.34
5	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3759	650600	27.10	26.32
6	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3705	647000	27.10	26.32
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3930	662000	27.10	26.37
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3750	650000	27.10	26.33

According to the table above, the maximum power configuration is selected as the default test configuration

No.	Test Freq Description	5G-N77H								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	N7H
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3867	657800	27.10	26.35
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3867	657800	26.10	25.60
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3867	657800	24.60	24.04
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3867	657800	22.60	21.96
5	Middle-3	30	10	CP-OFDM QPSK	Inner_Full	12_6	3867	657800	25.60	25.25
6	Middle-3	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3867	657800	25.10	24.95
7	Middle-3	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3867	657800	23.60	23.12
8	Middle-3	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3867	657800	20.60	19.86
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3867	657800	23.60	23.41
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3867	657800	23.60	23.48
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3867	657800	23.60	23.48
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3867	657800	23.60	23.47
15	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3867	657800	27.10	25.63
16	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3867	657800	27.10	25.53
17	Middle-3	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	3867	657800	26.10	25.91
18	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3867	657800	27.10	26.16
19	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3867	657800	27.10	26.17
20	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3867	657800	27.10	26.13
21	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3867	657800	27.10	26.13
22	Low	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3867	657800	27.10	26.17
23	Low	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3867	657800	27.10	26.16
24	Low	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3867	657800	27.10	26.18
25	Low	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3867	657800	27.10	26.08
26	Low	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3867	657800	27.10	26.07

10.5 Wi-Fi and BT Measurement result

The maximum output power for BT

GFSK			Tune up	EDR2M-4_DQPSK			Tune up	EDR3M-8DPSK			Tune up
Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78	
9.99	9.36	9.81	10.50	9.43	8.58	9.09	10.00	9.15	8.43	9.12	10.00

sensor on Standalone	sensor on Simultaneous Transmission	sensor off
Power Level A	Power Level B	Power Level C

WIFI2.4G Tune up

802.11b	Power Level C	Power Level A	Power Level B
Channel\ rate	1Mbps	1Mbps	1Mbps
	dBm	dBm	dBm
1	18	15	9
6	18	15	9
11	18	15	9
802.11g	DSI1	DSI2	DSI3
Channel\ rate	6Mbps	6Mbps	6Mbps
	dBm	dBm	dBm
1	17	15	9
6	17	15	9
11	17	15	9
802.11n-20M	DSI1	DSI2	DSI3
Channel\ rate	MCS0	MCS0	MCS0
	dBm	dBm	dBm
1	15	15	9
6	15	15	9
11	15	15	9
802.11n-40M	DSI1	DSI2	DSI3
Channel\ rate	MCS0	MCS0	MCS0
	dBm	dBm	dBm
3	15	15	9
6	15	15	9
9	15	15	9

WIFI5G Tune up

5G-802.11a	Power Level C	Power Level A	Power Level B
Channel\ rate	6Mbps	6Mbps	6Mbps
	dBm	dBm	dBm
36-64	15+/-1	10+/-1	5.5+/-1
100-140	15+/-1	10+/-1	5.5+/-1
149-165	15+/-1	10+/-1	5.5+/-1

5G-802.11n 20MHZ	DSI1	DSI2	DSI3
Channel\ rate	MCS0	MCS0	MCS0
	dBm	dBm	dBm
36-64	14+/-1	10+/-1	5.5+/-1
100-144	14+/-1	10+/-1	5.5+/-1
149-165	14+/-1	10+/-1	5.5+/-1

5G-802.11n 40MHZ	DSI1	DSI2	DSI3
Channel\ rate	MCS0	MCS0	MCS0
	dBm	dBm	dBm
38-62	14.5+/-1	10+/-1	5.5+/-1
102-142	14.5+/-1	10+/-1	5.5+/-1
151-159	14.5+/-1	10+/-1	5.5+/-1

5G-802.11ac 20MHZ	DSI1	DSI2	DSI3
Channel\ rate	MCS0	MCS0	MCS0
	dBm	dBm	dBm
36-64	14.5+/-1	10+/-1	5.5+/-1
100-144	14.5+/-1	10+/-1	5.5+/-1
149-165	14.5+/-1	10+/-1	5.5+/-1

5G-802.11ac 40MHZ	DSI1	DSI2	DSI3
Channel\ rate	MCS0	MCS0	MCS0
	dBm	dBm	dBm
38-62	14+/-1	10+/-1	5.5+/-1
102-142	14+/-1	10+/-1	5.5+/-1
151-159	14+/-1	10+/-1	5.5+/-1

5G-802.11ac 80MHZ	DSI1	DSI2	DSI3
Channel\ rate	MCS0	MCS0	MCS0
	dBm	dBm	dBm
42-58	13+/-1	10+/-1	5.5+/-1
106-138	13+/-1	10+/-1	5.5+/-1
155	13+/-1	10+/-1	5.5+/-1

The maximum output power for WiFi 2.4G – Power Level A

802.11b(dBm)	
Channel\data rate	1Mbps
11(2462MHz)	13.38
6(2437MHz)	13.93
1(2412MHz)	13.71
802.11g(dBm)	
Channel\data rate	6Mbps
11(2462MHz)	13.64
6(2437MHz)	13.89
1(2412MHz)	13.72
802.11n(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	12.92
6(2437MHz)	13.03
1(2412MHz)	13.11
802.11n(dBm)-40MHz	
Channel\data rate	MCS0
9(2452MHz)	13.18
6(2437MHz)	13.25
3(2422MHz)	13.48

The maximum output power for WiFi 2.4G – Power Level B

802.11b(dBm)	
Channel\data rate	1Mbps
11(2462MHz)	7.47
6(2437MHz)	7.45
1(2412MHz)	7.84
802.11g(dBm)	
Channel\data rate	6Mbps
11(2462MHz)	7.22
6(2437MHz)	7.42
1(2412MHz)	7.20
802.11n(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	7.21
6(2437MHz)	7.26
1(2412MHz)	7.02
802.11n(dBm)-40MHz	
Channel\data rate	MCS0
9(2452MHz)	7.48
6(2437MHz)	7.58
3(2422MHz)	7.63

The maximum output power for WiFi 2.4G – Power Level C

802.11b(dBm)	
Channel\data rate	1Mbps
11(2462MHz)	17.25
6(2437MHz)	17.42
1(2412MHz)	17.29
802.11g(dBm)	
Channel\data rate	6Mbps
11(2462MHz)	16.59
6(2437MHz)	16.76
1(2412MHz)	16.70
802.11n(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	15.52
6(2437MHz)	15.55
1(2412MHz)	15.53
802.11n(dBm)-40MHz	
Channel\data rate	MCS0
9(2452MHz)	15.57
6(2437MHz)	15.57
3(2422MHz)	15.68

The maximum output power for WiFi 5G – Power Level A

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	9.77
58(5290 MHz)	10.05
106(5530 MHz)	9.62
122(5610 MHz)	9.89
138(5690 MHz)	9.87
155(5775 MHz)	9.71

The maximum output power for WiFi 5G – Power Level B

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	5.21
58(5290 MHz)	5.75
106(5530 MHz)	5.49
122(5610 MHz)	5.60
138(5690 MHz)	5.73
155(5775 MHz)	6.03

The maximum output power for WiFi 5G – Power Level C

802.11a(dBm)	
Channel\data rate	6Mbps
36(5180 MHz)	15.15
40(5200 MHz)	15.28
44(5220 MHz)	15.36
48(5240 MHz)	15.28
52(5260 MHz)	15.31
56(5280 MHz)	15.26
60(5300 MHz)	15.33
64(5320 MHz)	15.32
100(5500 MHz)	15.14
104(5520 MHz)	14.99
108(5540 MHz)	15.09
112(5560 MHz)	15.05
116(5580 MHz)	15.11
120(5600 MHz)	15.16
124(5620 MHz)	15.05
128(5640 MHz)	15.18
132(5660 MHz)	15.30
136(5680 MHz)	15.11
140(5700 MHz)	15.26
144(5720 MHz)	15.14
149(5745 MHz)	15.14
153(5765 MHz)	15.25
157(5785 MHz)	15.30
161(5805 MHz)	15.27
165(5825 MHz)	15.28

11 SAR Test Result

Note:

KDB 447498 D01 General RF Exposure Guidance:

For WWAN: Reported SAR(W/kg)= Measured SAR(W/kg)*Tune-up Scaling Factor

For BT/WLAN: Reported SAR(W/kg)= Measured SAR(W/kg)* Duty Cycle scaling factor * Tune-up scaling factor

Testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:

≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz

≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz

≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz

KDB 648474 D04 Handset SAR:

With headset attached, when the reported SAR for body-worn accessory, measured without a headset connected to the handset, is > 1.2 W/kg, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for that body-worn accessory with a headset attached to the handset.

KDB 941225 D01 SAR test for 3G devices:

When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

KDB 941225 D05 SAR for LTE Devices:

SAR test reduction is applied using the following criteria:

Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB, and 50% RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel.

When the reported SAR is > 0.8 W/kg, testing for other Channels is performed at the highest output power level for 1RB, and 50% RB configuration for that channel.

Testing for 100% RB configuration is performed at the highest output power level for 100% RB configuration across the Low,Mid and High Channel when the highest reported SAR for 1 RB and 50% RB are > 0.8 W/kg. Testing for the remaining required channels is not needed because the reported SAR for 100% RB Allocation < 1.45 W/kg.

Testing for 16-QAM modulation is not required because the reported SAR for QPSK is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of QPSK.

Testing for the other channel bandwidths is not required because the reported SAR for the highest channel bandwidth is <1.45 W/Kg and its output power is not more than 0.5 dB higher than that of the highest channel bandwidth.

For LTE bands that do not support at least three non-overlapping channels in certain channel bandwidths, test the available non-overlapping channels instead. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the

group of overlapping channels should be selected for testing; therefore, the requirement for H, M and L channels may not fully apply.

KDB 248227 D01 SAR meas for 802.11:

SAR test reduction for 802.11 Wi-Fi transmission mode configurations are considered separately for DSSS and OFDM. An initial test position is determined to reduce the number of tests required for certain exposure configurations with multiple test positions.An initial test configuration is determined for each frequency band and aggregated band according to maximum output power, channel bandwidth, wireless mode configurations and other operating parameters to streamline the measurement requirements. For 2.4 GHz DSSS, either the initial test position or DSSS procedure is applied to reduce the number of SAR tests; these are mutually exclusive. For OFDM, an initial test position is only applicable to next to the ear, UMPC mini-tablet and hotspot mode configurations, which is tested using the initial test configuration to facilitate test reduction. For other exposure conditions with a fixed test position, SAR test reduction is determined using only the initial test configuration.

To determine the initial test position, Area Scans were performed to determine the position with the Maximum Value of SAR (measured). The position that produced the highest Maximum Value of SAR is considered the worst case position; thus used as the initial test position.

The multiple test positions require SAR measurements in head, hotspot mode or UMPC mini-tablet configurations may be reduced according to the highest reported SAR determined using the initial test position(s) by applying the DSSS or OFDM SAR measurement procedures in the required wireless mode test configuration(s). The initial test position(s) is measured using the highest measured maximum output power channel in the required wireless mode test configuration(s). When the reported SAR for the initial test position is:

$\leqslant$ 0.4 W/kg, further SAR measurement is not required for the other test positions in that exposure configuration and wireless mode combination within the frequency band or aggregated band. DSSS and OFDM configurations are considered separately according to the required SAR procedures.

> 0.4 W/kg, SAR is repeated using the same wireless mode test configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position, on the highest maximum output power channel, until the reported SAR is $\leqslant$ 0.8 W/kg or all required test positions are tested.

- For subsequent test positions with equivalent test separation distance or when exposure is dominated by coupling conditions, the position for maximum coupling condition should be tested.
- When it is unclear, all equivalent conditions must be tested.

For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, measure the SAR for these positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is $\leqslant$ 1.2 W/kg or all required test channels are considered.

- The additional power measurements required for this step should be limited to those necessary for identifying subsequent highest output power channels to apply the test reduction.

When the specified maximum output power is the same for both UNII 1 and UNII 2A, begin SAR measurements in UNII 2A with the channel with the highest measured output power. If the reported SAR for UNII 2A is $\leqslant$ 1.2 W/kg, SAR is not required for UNII 1; otherwise treat the remaining bands separately and test them independently for SAR.

When the specified maximum output power is different between UNII 1 and UNII 2A, begin SAR with

the band that has the higher specified maximum output. If the highest reported SAR for the band with the highest specified power is ≤ 1.2 W/kg, testing for the band with the lower specified output power is not required; otherwise test the remaining bands independently for SAR.

Table 15.1: Duty Cycle

Mode	Duty Cycle
Speech for GSM	1:8.3
GPRS&EGPRS 1 Slot	1:8.3
GPRS&EGPRS 2 Slot	1:4
GPRS&EGPRS 3 Slot	1:2.67
GPRS&EGPRS 4 Slot	1:2
WCDMA&LTE FDD	1:1
TDD PC3	1:1.58
TDD PC2	1:2.31

Note1: The data is used for stand-alone
Note2: The data is used for ENDC/ULCA

11.1 SAR results for 2G/3G/4G

ANT	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
0	GSM850	251	848.8	GPRS(4TX)	Rear	0mm	\	\	20.26	21.00	0.776	**0.92**	0.391	**0.46**	0.16
0	GSM850	190	836.6	GPRS(4TX)	Rear	0mm	\	\	20.34	21.00	0.830	**0.97**	0.417	**0.49**	-0.04
0	GSM850	128	824.2	GPRS(4TX)	Rear	0mm	FIG A.1	\	20.07	21.00	0.873	**1.08**	0.436	**0.54**	-0.01
0	GSM850	190	836.6	GPRS(4TX)	Right	0mm	\	\	20.34	21.00	0.333	**0.39**	0.190	**0.22**	0.15
0	GSM850	251	848.8	GPRS(4TX)	Top	0mm	\	\	20.26	21.00	0.694	**0.82**	0.277	**0.33**	0.11
0	GSM850	190	836.6	GPRS(4TX)	Top	0mm	\	\	20.34	21.00	0.739	**0.86**	0.304	**0.35**	-0.01
0	GSM850	128	824.2	GPRS(4TX)	Top	0mm	\	\	20.07	21.00	0.697	**0.86**	0.281	**0.35**	0.16
0	GSM850	190	836.6	GPRS(2TX)	Rear	19mm	\	\	31.86	32.00	0.315	**0.33**	0.207	**0.21**	0.11
0	GSM850	190	836.6	GPRS(2TX)	Right	19mm	\	\	31.86	32.00	0.119	**0.12**	0.081	**0.08**	-0.18
0	GSM850	190	836.6	GPRS(2TX)	Top	19mm	\	\	31.86	32.00	0.249	**0.26**	0.176	**0.18**	0.02
0	GSM1900	661	1880	GPRS(4TX)	Rear	0mm	\	\	15.36	16.00	0.241	**0.28**	0.100	**0.12**	0.13
0	GSM1900	661	1880	GPRS(4TX)	Right	0mm	\	\	15.36	16.00	0.314	**0.36**	0.141	**0.16**	-0.08
0	GSM1900	810	1909.8	GPRS(4TX)	Top	0mm	FIG A.2	\	15.72	16.00	0.543	**0.58**	0.204	**0.22**	0.09
0	GSM1900	661	1880	GPRS(4TX)	Top	0mm	\	\	15.36	16.00	0.418	**0.48**	0.157	**0.18**	0.18
0	GSM1900	512	1850.2	GPRS(4TX)	Top	0mm	\	\	15.13	16.00	0.390	**0.48**	0.143	**0.17**	0.12
0	GSM1900	661	1880	GPRS(2TX)	Rear	19mm	\	\	28.60	29.00	0.193	**0.21**	0.123	**0.13**	-0.18
0	GSM1900	661	1880	GPRS(2TX)	Right	19mm	\	\	28.60	29.00	0.190	**0.21**	0.119	**0.13**	0.11
0	GSM1900	661	1880	GPRS(2TX)	Top	19mm	\	\	28.60	29.00	0.008	**0.01**	0.006	**0.01**	0.19
0	WCDMA1900	9400	1880	RMC	Rear	0mm	\	\	13.98	15.00	0.311	**0.39**	0.151	**0.19**	0.02
0	WCDMA1900	9400	1880	RMC	Right	0mm	\	\	13.98	15.00	0.248	**0.31**	0.101	**0.13**	-0.03
0	WCDMA1900	9538	1907.6	RMC	Top	0mm	FIG A.3	\	14.03	15.00	0.660	**0.83**	0.259	**0.32**	0.15
0	WCDMA1900	9400	1880	RMC	Top	0mm	\	\	13.98	15.00	0.603	**0.76**	0.228	**0.29**	0.10
0	WCDMA1900	9262	1852.4	RMC	Top	0mm	\	\	14.15	15.00	0.516	**0.63**	0.198	**0.24**	-0.17
0	WCDMA1900	9400	1880	RMC	Rear	19mm	\	\	22.98	24.00	0.174	**0.22**	0.111	**0.14**	0.16
0	WCDMA1900	9400	1880	RMC	Right	19mm	\	\	22.98	24.00	0.151	**0.19**	0.094	**0.12**	0.11
0	WCDMA1900	9400	1880	RMC	Top	19mm	\	\	22.98	24.00	0.128	**0.16**	0.074	**0.09**	0.05
0	WCDMA1700	1513	1752.6	RMC	Rear	0mm	FIG A.4	\	14.82	16.00	0.554	**0.73**	0.276	**0.36**	0.09
0	WCDMA1700	1412	1732.4	RMC	Rear	0mm	\	\	14.67	16.00	0.506	**0.69**	0.261	**0.35**	-0.04
0	WCDMA1700	1312	1712.4	RMC	Rear	0mm	\	\	14.63	16.00	0.486	**0.67**	0.241	**0.33**	-0.02
0	WCDMA1700	1412	1732.4	RMC	Right	0mm	\	\	14.67	16.00	0.276	**0.37**	0.124	**0.17**	-0.15
0	WCDMA1700	1412	1732.4	RMC	Top	0mm	\	\	14.67	16.00	0.303	**0.41**	0.125	**0.17**	-0.03
0	WCDMA1700	1412	1732.4	RMC	Rear	19mm	\	\	22.97	24.00	0.205	**0.26**	0.131	**0.17**	-0.09
0	WCDMA1700	1412	1732.4	RMC	Right	19mm	\	\	22.97	24.00	0.128	**0.16**	0.082	**0.10**	-0.13
0	WCDMA1700	1412	1732.4	RMC	Top	19mm	\	\	22.97	24.00	0.099	**0.13**	0.061	**0.08**	0.10
0	WCDMA 850	4233	846.6	RMC	Rear	0mm	FIG A.5	\	18.82	20.00	0.736	**0.97**	0.365	**0.48**	0.06
0	WCDMA 850	4183	836.6	RMC	Rear	0mm	\	\	18.88	20.00	0.687	**0.89**	0.344	**0.45**	0.07
0	WCDMA 850	4132	826.4	RMC	Rear	0mm	\	\	18.80	20.00	0.681	**0.90**	0.334	**0.44**	0.19
0	WCDMA 850	4183	836.6	RMC	Right	0mm	\	\	18.88	20.00	0.178	**0.23**	0.093	**0.12**	0.11
0	WCDMA 850	4183	836.6	RMC	Top	0mm	\	\	18.88	20.00	0.480	**0.62**	0.189	**0.24**	-0.13
0	WCDMA 850	4183	836.6	RMC	Rear	19mm	\	\	23.15	24.00	0.185	**0.22**	0.121	**0.15**	-0.04
0	WCDMA 850	4183	836.6	RMC	Right	19mm	\	\	23.15	24.00	0.060	**0.07**	0.041	**0.05**	0.13
0	WCDMA 850	4183	836.6	RMC	Top	19mm	\	\	23.15	24.00	0.150	**0.18**	0.106	**0.13**	-0.06

ANT	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
0	LTE Band2	18900	1880	1RB-Middle	Rear	0mm	\	Note1	15.07	16.00	0.584	**0.72**	0.274	**0.34**	-0.02
0	LTE Band2	18900	1880	1RB-Middle	Right	0mm	\	Note1	15.07	16.00	0.378	**0.47**	0.174	**0.22**	0.16
0	LTE Band2	19100	1900	1RB-Middle	Top	0mm	\	Note1	14.95	16.00	0.800	**1.02**	0.341	**0.43**	0.18
0	LTE Band2	18900	1880	1RB-Middle	Top	0mm	\	Note1	15.07	16.00	0.851	**1.05**	0.334	**0.41**	0.06
0	LTE Band2	18700	1860	1RB-Middle	Top	0mm	\	Note1	14.96	16.00	0.717	**0.91**	0.280	**0.36**	-0.02
0	LTE Band2	18900	1880	50RB-Low	Rear	0mm	\	Note1	14.99	16.00	0.495	**0.62**	0.220	**0.28**	0.15
0	LTE Band2	18900	1880	50RB-Low	Right	0mm	\	Note1	14.99	16.00	0.467	**0.59**	0.225	**0.28**	0.04
0	LTE Band2	19100	1900	50RB-Low	Top	0mm	\	Note1	14.95	16.00	0.790	**1.01**	0.336	**0.43**	-0.11
0	LTE Band2	18900	1880	50RB-Low	Top	0mm	FIG A.6	Note1	14.99	16.00	0.840	**1.06**	0.329	**0.42**	0.14
0	LTE Band2	18700	1860	50RB-Low	Top	0mm	\	Note1	14.96	16.00	0.708	**0.90**	0.276	**0.35**	-0.16
0	LTE Band2	18900	1880	100RB	Top	0mm	\	Note1	14.97	16.00	0.781	**0.99**	0.320	**0.41**	0.13
0	LTE Band2	18900	1880	1RB-High	Rear	0mm	\	Note2	12.12	13.00	0.300	**0.37**	0.136	**0.17**	-0.15
0	LTE Band2	18900	1880	1RB-High	Right	0mm	\	Note2	12.12	13.00	0.138	**0.17**	0.057	**0.07**	0.05
0	LTE Band2	18900	1880	1RB-High	Top	0mm	\	Note2	12.12	13.00	0.396	**0.48**	0.152	**0.19**	-0.15
0	LTE Band2	18900	1880	50RB-Middle	Rear	0mm	\	Note2	12.05	13.00	0.281	**0.35**	0.129	**0.16**	0.16
0	LTE Band2	18900	1880	50RB-Middle	Right	0mm	\	Note2	12.05	13.00	0.146	**0.18**	0.058	**0.07**	0.18
0	LTE Band2	18900	1880	50RB-Middle	Top	0mm	\	Note2	12.05	13.00	0.403	**0.50**	0.158	**0.20**	-0.03
0	LTE Band2	18900	1880	1RB-Middle	Rear	19mm	\	\	24.13	25.00	0.272	**0.33**	0.170	**0.21**	0.18
0	LTE Band2	18900	1880	1RB-Middle	Right	19mm	\	\	24.13	25.00	0.213	**0.26**	0.134	**0.16**	0.01
0	LTE Band2	18900	1880	1RB-Middle	Top	19mm	\	\	24.13	25.00	0.190	**0.23**	0.109	**0.13**	0.11
0	LTE Band2	18900	1880	50RB-Low	Rear	19mm	\	\	23.08	24.00	0.206	**0.25**	0.119	**0.15**	0.05
0	LTE Band2	18900	1880	50RB-Low	Right	19mm	\	\	23.08	24.00	0.166	**0.21**	0.105	**0.13**	0.19
0	LTE Band2	18900	1880	50RB-Low	Top	19mm	\	\	23.08	24.00	0.167	**0.21**	0.094	**0.12**	0.09
2	LTE Band2	18900	1880	1RB-High	Rear	0mm	\	Note2	13.88	14.00	0.471	**0.48**	0.207	**0.21**	0.16
2	LTE Band2	18900	1880	1RB-High	Left	0mm	\	Note2	13.88	14.00	0.157	**0.16**	0.081	**0.08**	0.02
2	LTE Band2	18900	1880	1RB-High	Bottom	0mm	\	Note2	13.88	14.00	0.203	**0.21**	0.080	**0.08**	0.11
2	LTE Band2	19100	1900	50RB-High	Rear	0mm	\	Note2	13.81	14.00	0.434	**0.45**	0.196	**0.20**	0.07
2	LTE Band2	19100	1900	50RB-High	Left	0mm	\	Note2	13.81	14.00	0.150	**0.16**	0.077	**0.08**	-0.06
2	LTE Band2	19100	1900	50RB-High	Bottom	0mm	\	Note2	13.81	14.00	0.239	**0.25**	0.097	**0.10**	0.02
2	LTE Band2	18700	1860	1RB-High	Rear	19mm	\	Note2	23.81	25.00	0.333	**0.44**	0.201	**0.26**	0.04
2	LTE Band2	18700	1860	1RB-High	Left	9mm	\	Note2	23.81	25.00	0.330	**0.43**	0.198	**0.26**	0.03
2	LTE Band2	18700	1860	1RB-High	Bottom	19mm	\	Note2	23.81	25.00	0.093	**0.12**	0.057	**0.07**	0.05
2	LTE Band2	19100	1900	50RB-High	Rear	19mm	\	Note2	22.75	24.00	0.258	**0.34**	0.156	**0.21**	0.01
2	LTE Band2	19100	1900	50RB-High	Left	9mm	\	Note2	22.75	24.00	0.283	**0.38**	0.170	**0.23**	0.15
2	LTE Band2	19100	1900	50RB-High	Bottom	19mm	\	Note2	22.75	24.00	0.071	**0.09**	0.031	**0.04**	0.14
0	LTE Band5	20600	844	1RB-Low	Rear	0mm	\	Note1	18.75	20.00	0.803	**1.07**	0.383	**0.51**	-0.09
0	LTE Band5	20525	836.5	1RB-Low	Rear	0mm	\	Note1	18.76	20.00	0.865	**1.15**	0.429	**0.57**	0.17
0	LTE Band5	20450	829	1RB-High	Rear	0mm	FIG A.7	Note1	18.79	20.00	0.879	**1.16**	0.442	**0.58**	0.07
0	LTE Band5	20450	829	1RB-High	Right	0mm	\	Note1	18.79	20.00	0.215	**0.28**	0.112	**0.15**	0.10
0	LTE Band5	20450	829	1RB-High	Top	0mm	\	Note1	18.79	20.00	0.469	**0.62**	0.207	**0.27**	-0.02
0	LTE Band5	20600	844	25RB-Low	Rear	0mm	\	Note1	18.72	20.00	0.828	**1.11**	0.374	**0.50**	0.06
0	LTE Band5	20525	836.5	25RB-Low	Rear	0mm	\	Note1	18.75	20.00	0.829	**1.11**	0.374	**0.50**	0.14
0	LTE Band5	20450	829	25RB-Low	Rear	0mm	\	Note1	18.76	20.00	0.854	**1.14**	0.433	**0.58**	-0.06
0	LTE Band5	20450	829	25RB-Low	Right	0mm	\	Note1	18.76	20.00	0.201	**0.27**	0.106	**0.14**	0.07
0	LTE Band5	20450	829	25RB-Low	Top	0mm	\	Note1	18.76	20.00	0.464	**0.62**	0.202	**0.27**	-0.04
0	LTE Band5	20525	836.5	50RB	Rear	0mm	\	Note1	18.75	20.00	0.826	**1.10**	0.373	**0.50**	0.18
0	LTE Band5	20450	829	1RB-Low	Rear	0mm	\	Note2	15.75	17.00	0.431	**0.57**	0.217	**0.29**	0.02
0	LTE Band5	20450	829	1RB-Low	Right	0mm	\	Note2	15.75	17.00	0.108	**0.14**	0.059	**0.08**	-0.18
0	LTE Band5	20450	829	1RB-Low	Top	0mm	\	Note2	15.75	17.00	0.288	**0.38**	0.127	**0.17**	-0.04
0	LTE Band5	20450	829	25RB-Low	Rear	0mm	\	Note2	15.74	17.00	0.415	**0.55**	0.201	**0.27**	0.16
0	LTE Band5	20450	829	25RB-Low	Right	0mm	\	Note2	15.74	17.00	0.121	**0.16**	0.064	**0.09**	-0.04
0	LTE Band5	20450	829	25RB-Low	Top	0mm	\	Note2	15.74	17.00	0.268	**0.36**	0.118	**0.16**	0.01
0	LTE Band5	20450	829	1RB-Low	Rear	19mm	\	\	24.02	25.00	0.260	**0.33**	0.177	**0.22**	0.04
0	LTE Band5	20450	829	1RB-Low	Right	19mm	\	\	24.02	25.00	0.050	**0.06**	0.033	**0.04**	0.12
0	LTE Band5	20450	829	1RB-Low	Top	19mm	\	\	24.02	25.00	0.242	**0.30**	0.169	**0.21**	-0.03
0	LTE Band5	20450	829	25RB-Low	Rear	19mm	\	\	22.96	24.00	0.186	**0.24**	0.125	**0.16**	0.11
0	LTE Band5	20450	829	25RB-Low	Right	19mm	\	\	22.96	24.00	0.039	**0.05**	0.025	**0.03**	-0.04
0	LTE Band5	20450	829	25RB-Low	Top	19mm	\	\	22.96	24.00	0.228	**0.29**	0.164	**0.21**	-0.17

ANT	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
3	LTE Band7	21350	2560	1RB-Low	Rear	0mm	\	Note1	13.11	14.00	0.690	**0.85**	0.268	**0.33**	0.14
3	LTE Band7	21100	2535	1RB-Middle	Rear	0mm	FIG A.8	Note1	12.97	14.00	0.724	**0.92**	0.271	**0.34**	0.01
3	LTE Band7	20850	2510	1RB-High	Rear	0mm	\	Note1	12.91	14.00	0.716	**0.92**	0.268	**0.34**	0.09
3	LTE Band7	21350	2560	1RB-Low	Right	0mm	\	Note1	13.11	14.00	0.255	**0.31**	0.093	**0.11**	0.14
3	LTE Band7	21350	2560	1RB-Low	Top	0mm	\	Note1	13.11	14.00	0.111	**0.14**	0.050	**0.06**	0.06
3	LTE Band7	21350	2560	50RB-Low	Rear	0mm	\	Note1	13.11	14.00	0.595	**0.73**	0.259	**0.32**	0.04
3	LTE Band7	21350	2560	50RB-Low	Right	0mm	\	Note1	13.11	14.00	0.241	**0.30**	0.088	**0.11**	0.02
3	LTE Band7	21350	2560	50RB-Low	Top	0mm	\	Note1	13.11	14.00	0.092	**0.11**	0.043	**0.05**	0.18
3	LTE Band7	21350	2560	100RB	Rear	0mm	\	Note1	13.08	14.00	0.709	**0.88**	0.256	**0.32**	0.11
3	LTE Band7	21350	2560	1RB-Middle	Rear	0mm	\	Note2	10.16	11.00	0.440	**0.53**	0.159	**0.19**	0.18
3	LTE Band7	21350	2560	1RB-Middle	Right	0mm	\	Note2	10.16	11.00	0.163	**0.20**	0.055	**0.07**	-0.19
3	LTE Band7	21350	2560	1RB-Middle	Top	0mm	\	Note2	10.16	11.00	0.054	**0.07**	0.023	**0.03**	-0.03
3	LTE Band7	21350	2560	50RB-Middle	Rear	0mm	\	Note2	10.17	11.00	0.379	**0.46**	0.154	**0.19**	-0.16
3	LTE Band7	21350	2560	50RB-Middle	Right	0mm	\	Note2	10.17	11.00	0.154	**0.19**	0.052	**0.06**	0.11
3	LTE Band7	21350	2560	50RB-Middle	Top	0mm	\	Note2	10.17	11.00	0.042	**0.05**	0.021	**0.03**	0.13
3	LTE Band7	21100	2535	1RB-High	Rear	19mm	\	\	23.17	24.00	0.332	**0.40**	0.155	**0.19**	-0.17
3	LTE Band7	21100	2535	1RB-High	Right	19mm	\	\	23.17	24.00	0.251	**0.30**	0.123	**0.15**	0.08
3	LTE Band7	21100	2535	1RB-High	Top	34mm	\	\	23.17	24.00	0.067	**0.08**	0.040	**0.05**	0.12
3	LTE Band7	20850	2510	50RB-Mid	Rear	19mm	\	\	22.95	23.00	0.285	**0.29**	0.133	**0.13**	0.09
3	LTE Band7	20850	2510	50RB-Mid	Right	19mm	\	\	22.95	23.00	0.194	**0.20**	0.093	**0.09**	-0.09
3	LTE Band7	20850	2510	50RB-Mid	Top	34mm	\	\	22.95	23.00	0.044	**0.04**	0.023	**0.02**	0.17
0	LTE Band12	23130	711	1RB-Low	Rear	0mm	\	Note1	18.68	20.00	0.653	**0.88**	0.329	**0.45**	0.06
0	LTE Band12	23095	707.5	1RB-Low	Rear	0mm	\	Note1	18.76	20.00	0.668	**0.89**	0.336	**0.45**	0.18
0	LTE Band12	23060	704	1RB-Low	Rear	0mm	FIG A.9	Note1	18.78	20.00	0.688	**0.91**	0.352	**0.47**	0.17
0	LTE Band12	23060	704	1RB-Low	Right	0mm	\	Note1	18.78	20.00	0.069	**0.09**	0.037	**0.05**	-0.18
0	LTE Band12	23130	711	1RB-Low	Top	0mm	\	Note1	18.68	20.00	0.651	**0.88**	0.314	**0.43**	0.03
0	LTE Band12	23095	707.5	1RB-Low	Top	0mm	\	Note1	18.76	20.00	0.665	**0.88**	0.322	**0.43**	0.03
0	LTE Band12	23060	704	1RB-Low	Top	0mm	\	Note1	18.78	20.00	0.685	**0.91**	0.347	**0.46**	0.05
0	LTE Band12	23095	707.5	25RB-Low	Rear	0mm	\	Note1	18.72	20.00	0.591	**0.79**	0.320	**0.43**	0.01
0	LTE Band12	23095	707.5	25RB-Low	Right	0mm	\	Note1	18.72	20.00	0.079	**0.11**	0.040	**0.05**	-0.07
0	LTE Band12	23130	711	25RB-Low	Top	0mm	\	Note1	18.68	20.00	0.611	**0.83**	0.275	**0.37**	0.17
0	LTE Band12	23095	707.5	25RB-Low	Top	0mm	\	Note1	18.72	20.00	0.647	**0.87**	0.306	**0.41**	-0.19
0	LTE Band12	23060	704	25RB-Low	Top	0mm	\	Note1	18.71	20.00	0.666	**0.90**	0.280	**0.38**	0.13
0	LTE Band12	23060	704	50RB	Rear	0mm	\	Note1	18.72	20.00	0.659	**0.88**	0.332	**0.45**	0.11
0	LTE Band12	23060	704	50RB	Top	0mm	\	Note1	18.72	20.00	0.535	**0.72**	0.244	**0.33**	-0.09
0	LTE Band12	23060	704	1RB-Low	Rear	0mm	\	Note2	15.83	17.00	0.317	**0.42**	0.162	**0.21**	0.01
0	LTE Band12	23060	704	1RB-Low	Right	0mm	\	Note2	15.83	17.00	0.038	**0.05**	0.021	**0.03**	0.13
0	LTE Band12	23060	704	1RB-Low	Top	0mm	\	Note2	15.83	17.00	0.343	**0.45**	0.178	**0.23**	0.06
0	LTE Band12	23095	707.5	25RB-Low	Rear	0mm	\	Note2	15.74	17.00	0.274	**0.37**	0.158	**0.21**	-0.09
0	LTE Band12	23095	707.5	25RB-Low	Right	0mm	\	Note2	15.74	17.00	0.044	**0.06**	0.023	**0.03**	0.19
0	LTE Band12	23095	707.5	25RB-Low	Top	0mm	\	Note2	15.74	17.00	0.339	**0.45**	0.171	**0.23**	-0.05
0	LTE Band12	23060	704	1RB-Mid	Rear	19mm	\	\	22.85	24.00	0.111	**0.14**	0.074	**0.10**	0.15
0	LTE Band12	23060	704	1RB-Mid	Right	19mm	\	\	22.85	24.00	<0.01	**<0.01**	<0.01	**<0.01**	
0	LTE Band12	23060	704	1RB-Mid	Top	19mm	\	\	22.85	24.00	0.090	**0.12**	0.056	**0.07**	0.13
0	LTE Band12	23130	711	25RB-Low	Rear	19mm	\	\	21.82	23.00	0.099	**0.13**	0.066	**0.09**	0.16
0	LTE Band12	23130	711	25RB-Low	Right	19mm	\	\	21.82	23.00	<0.01	**<0.01**	<0.01	**<0.01**	
0	LTE Band12	23130	711	25RB-Low	Top	19mm	\	\	21.82	23.00	0.089	**0.12**	0.055	**0.07**	-0.14

ANT	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
0	LTE Band13	23230	782	1RB-Low	Rear	0mm	FIG A.10	Note1	19.80	21.00	0.892	1.18	0.462	**0.61**	0.09
0	LTE Band13	23230	782	1RB-Low	Right	0mm	\	Note1	19.80	21.00	0.195	**0.26**	0.105	**0.14**	-0.07
0	LTE Band13	23230	782	1RB-Low	Top	0mm	\	Note1	19.80	21.00	0.609	**0.80**	0.267	**0.35**	-0.02
0	LTE Band13	23230	782	25RB-High	Rear	0mm	\	Note1	19.77	21.00	0.864	**1.15**	0.448	**0.59**	-0.06
0	LTE Band13	23230	782	25RB-High	Right	0mm	\	Note1	19.77	21.00	0.213	**0.28**	0.114	**0.15**	-0.03
0	LTE Band13	23230	782	25RB-High	Top	0mm	\	Note1	19.77	21.00	0.511	**0.68**	0.236	**0.31**	0.11
0	LTE Band13	23230	782	50RB	Rear	0mm	\	Note1	19.77	21.00	0.874	**1.16**	0.415	**0.55**	0.18
0	LTE Band13	23230	782	50RB	Top	0mm	\	Note1	19.77	21.00	0.703	**0.93**	0.265	**0.35**	-0.07
0	LTE Band13	23230	782	1RB-Low	Rear	0mm	\	Note2	16.82	18.00	0.470	**0.62**	0.240	**0.31**	0.02
0	LTE Band13	23230	782	1RB-Low	Right	0mm	\	Note2	16.82	18.00	0.135	**0.18**	0.075	**0.10**	0.16
0	LTE Band13	23230	782	1RB-Low	Top	0mm	\	Note2	16.82	18.00	0.326	**0.43**	0.138	**0.18**	0.02
0	LTE Band13	23230	782	25RB-Middle	Rear	0mm	\	Note2	16.76	18.00	0.455	**0.61**	0.233	**0.31**	-0.18
0	LTE Band13	23230	782	25RB-Middle	Right	0mm	\	Note2	16.76	18.00	0.148	**0.20**	0.081	**0.11**	0.19
0	LTE Band13	23230	782	25RB-Middle	Top	0mm	\	Note2	16.76	18.00	0.273	**0.36**	0.122	**0.16**	0.14
0	LTE Band13	23230	782	1RB-Low	Rear	19mm	\	\	23.99	25.00	0.292	**0.37**	0.188	**0.24**	0.16
0	LTE Band13	23230	782	1RB-Low	Right	19mm	\	\	23.99	25.00	0.057	**0.07**	0.037	**0.05**	-0.03
0	LTE Band13	23230	782	1RB-Low	Top	19mm	\	\	23.99	25.00	0.175	**0.22**	0.110	**0.14**	-0.19
0	LTE Band13	23230	782	25RB-Mid	Rear	19mm	\	\	22.85	24.00	0.234	**0.30**	0.148	**0.19**	0.11
0	LTE Band13	23230	782	25RB-Mid	Right	19mm	\	\	22.85	24.00	0.053	**0.07**	0.036	**0.05**	0.02
0	LTE Band13	23230	782	25RB-Mid	Top	19mm	\	\	22.85	24.00	0.142	**0.19**	0.092	**0.12**	-0.13
0	LTE Band14	23330	793	1RB-High	Rear	0mm	FIG A.11	Note1	19.82	21.00	0.660	0.87	0.326	**0.43**	0.04
0	LTE Band14	23330	793	1RB-High	Right	0mm	\	Note1	19.82	21.00	0.197	**0.26**	0.099	**0.13**	-0.06
0	LTE Band14	23330	793	1RB-High	Top	0mm	\	Note1	19.82	21.00	0.568	**0.75**	0.213	**0.28**	-0.11
0	LTE Band14	23330	793	25RB-Middle	Rear	0mm	\	Note1	19.84	21.00	0.617	**0.81**	0.300	**0.39**	0.06
0	LTE Band14	23330	793	25RB-Middle	Right	0mm	\	Note1	19.84	21.00	0.211	**0.28**	0.113	**0.15**	-0.17
0	LTE Band14	23330	793	25RB-Middle	Top	0mm	\	Note1	19.84	21.00	0.528	**0.69**	0.196	**0.26**	-0.18
0	LTE Band14	23330	793	50RB	Rear	0mm	\	Note1	19.83	21.00	0.654	**0.86**	0.323	**0.42**	0.14
0	LTE Band14	23330	793	1RB-Middle	Rear	0mm	\	Note2	16.81	18.00	0.412	**0.54**	0.215	**0.28**	-0.03
0	LTE Band14	23330	793	1RB-Middle	Right	0mm	\	Note2	16.81	18.00	0.123	**0.16**	0.065	**0.09**	0.13
0	LTE Band14	23330	793	1RB-Middle	Top	0mm	\	Note2	16.81	18.00	0.301	**0.40**	0.124	**0.16**	-0.18
0	LTE Band14	23330	793	25RB-Low	Rear	0mm	\	Note2	16.84	18.00	0.385	**0.50**	0.198	**0.26**	-0.09
0	LTE Band14	23330	793	25RB-Low	Right	0mm	\	Note2	16.84	18.00	0.132	**0.17**	0.075	**0.10**	0.05
0	LTE Band14	23330	793	25RB-Low	Top	0mm	\	Note2	16.84	18.00	0.280	**0.37**	0.114	**0.15**	-0.13
0	LTE Band14	23330	793	1RB-Low	Rear	19mm	\	\	22.82	24.00	0.231	**0.30**	0.146	**0.19**	0.02
0	LTE Band14	23330	793	1RB-Low	Right	19mm	\	\	22.82	24.00	0.051	**0.07**	0.034	**0.04**	-0.02
0	LTE Band14	23330	793	1RB-Low	Top	19mm	\	\	22.82	24.00	0.135	**0.18**	0.083	**0.11**	-0.05
0	LTE Band14	23330	793	25RB-High	Rear	19mm	\	\	21.87	23.00	0.163	**0.21**	0.104	**0.13**	-0.19
0	LTE Band14	23330	793	25RB-High	Right	19mm	\	\	21.87	23.00	0.039	**0.05**	0.017	**0.02**	0.12
0	LTE Band14	23330	793	25RB-High	Top	19mm	\	\	21.87	23.00	0.100	**0.13**	0.060	**0.08**	-0.01

ANT	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
0	LTE Band25	26365	1882.5	1RB-High	Rear	0mm	\	\	14.99	16.00	0.625	**0.79**	0.297	**0.37**	0.09
0	LTE Band25	26365	1882.5	1RB-High	Right	0mm	\	\	14.99	16.00	0.393	**0.50**	0.180	**0.23**	-0.15
0	LTE Band25	26590	1905	1RB-High	Top	0mm	\	\	14.96	16.00	0.882	**1.12**	0.351	**0.45**	0.11
0	LTE Band25	26365	1882.5	1RB-High	Top	0mm	\	\	14.99	16.00	0.796	**1.00**	0.338	**0.43**	0.08
0	LTE Band25	26140	1860	1RB-High	Top	0mm	\	\	14.96	16.00	0.626	**0.80**	0.282	**0.36**	0.02
0	LTE Band25	26365	1882.5	50RB-Low	Rear	0mm	\	\	15.01	16.00	0.632	**0.79**	0.281	**0.35**	0.15
0	LTE Band25	26365	1882.5	50RB-Low	Right	0mm	\	\	15.01	16.00	0.465	**0.58**	0.206	**0.26**	-0.12
0	LTE Band25	26590	1905	50RB-Low	Top	0mm	FIG A.12	\	14.97	16.00	0.895	**1.13**	0.359	**0.46**	0.08
0	LTE Band25	26365	1882.5	50RB-Low	Top	0mm	\	\	15.01	16.00	0.799	**1.00**	0.317	**0.40**	0.14
0	LTE Band25	26140	1860	50RB-Low	Top	0mm	\	\	14.88	16.00	0.699	**0.90**	0.288	**0.37**	-0.06
0	LTE Band25	26365	1882.5	100RB	Top	0mm	\	\	14.98	16.00	0.796	**1.01**	0.338	**0.43**	0.08
0	LTE Band25	26365	1882.5	1RB-High	Rear	19mm	\	\	24.15	25.00	0.203	**0.25**	0.128	**0.16**	-0.14
0	LTE Band25	26365	1882.5	1RB-High	Right	19mm	\	\	24.15	25.00	0.173	**0.21**	0.107	**0.13**	-0.10
0	LTE Band25	26365	1882.5	1RB-High	Top	19mm	\	\	24.15	25.00	0.148	**0.18**	0.083	**0.10**	0.05
0	LTE Band25	26365	1882.5	50RB-Low	Rear	19mm	\	\	23.08	24.00	0.169	**0.21**	0.107	**0.13**	-0.18
0	LTE Band25	26365	1882.5	50RB-Low	Right	19mm	\	\	23.08	24.00	0.135	**0.17**	0.083	**0.10**	0.01
0	LTE Band25	26365	1882.5	50RB-Low	Top	19mm	\	\	23.08	24.00	0.129	**0.16**	0.072	**0.09**	0.10
0	LTE Band26	26965	841.5	1RB-Low	Rear	0mm	\	\	18.80	20.00	0.802	**1.06**	0.383	**0.50**	0.03
0	LTE Band26	26865	831.5	1RB-Low	Rear	0mm	\	\	18.71	20.00	0.788	**1.06**	0.367	**0.49**	0.14
0	LTE Band26	26775	822.5	1RB-Low	Rear	0mm	\	\	18.82	20.00	0.803	**1.05**	0.409	**0.54**	0.09
0	LTE Band26	26775	822.5	1RB-Low	Right	0mm	\	\	18.82	20.00	0.118	**0.15**	0.065	**0.09**	-0.17
0	LTE Band26	26775	822.5	1RB-Low	Top	0mm	\	\	18.82	20.00	0.250	**0.33**	0.123	**0.16**	-0.14
0	LTE Band26	26965	841.5	36RB-Low	Rear	0mm	\	\	18.76	20.00	0.793	**1.06**	0.379	**0.50**	0.09
0	LTE Band26	26865	831.5	36RB-Low	Rear	0mm	FIG A.13	\	18.76	20.00	0.874	**1.16**	0.441	**0.59**	0.09
0	LTE Band26	26775	822.5	36RB-Low	Rear	0mm	\	\	18.73	20.00	0.723	**0.97**	0.358	**0.48**	0.12
0	LTE Band26	26865	831.5	36RB-Low	Right	0mm	\	\	18.76	20.00	0.154	**0.20**	0.083	**0.11**	0.04
0	LTE Band26	26865	831.5	36RB-Low	Top	0mm	\	\	18.76	20.00	0.213	**0.28**	0.114	**0.15**	0.19
0	LTE Band26	26775	822.5	75RB	Rear	0mm	\	\	18.80	20.00	0.755	**1.00**	0.361	**0.48**	0.05
0	LTE Band26	26775	822.5	1RB-Low	Rear	19mm	\	\	24.15	25.00	0.212	**0.26**	0.139	**0.17**	0.11
0	LTE Band26	26775	822.5	1RB-Low	Right	19mm	\	\	24.15	25.00	0.048	**0.06**	0.032	**0.04**	0.11
0	LTE Band26	26775	822.5	1RB-Low	Top	19mm	\	\	24.15	25.00	0.160	**0.19**	0.103	**0.13**	-0.18
0	LTE Band26	26965	841.5	36RB-Low	Rear	19mm	\	\	23.05	24.00	0.183	**0.23**	0.120	**0.15**	0.04
0	LTE Band26	26965	841.5	36RB-Low	Right	19mm	\	\	23.05	24.00	0.029	**0.04**	0.011	**0.01**	0.13
0	LTE Band26	26965	841.5	36RB-Low	Top	19mm	\	\	23.05	24.00	0.128	**0.16**	0.079	**0.10**	-0.10
3	LTE Band30	27710	2310	1RB-Low	Rear	0mm	\	Note1	13.07	14.00	0.859	**1.06**	0.318	**0.39**	0.08
3	LTE Band30	27710	2310	1RB-Low	Right	0mm	\	Note1	13.07	14.00	0.439	**0.54**	0.168	**0.21**	-0.18
3	LTE Band30	27710	2310	1RB-Low	Top	0mm	\	Note1	13.07	14.00	0.078	**0.10**	0.037	**0.05**	0.03
3	LTE Band30	27710	2310	25RB-Low	Rear	0mm	FIG A.14	Note1	13.01	14.00	0.872	**1.10**	0.324	**0.41**	0.04
3	LTE Band30	27710	2310	25RB-Low	Right	0mm	\	Note1	13.01	14.00	0.429	**0.54**	0.160	**0.20**	0.19
3	LTE Band30	27710	2310	25RB-Low	Top	0mm	\	Note1	13.01	14.00	0.082	**0.10**	0.037	**0.05**	0.18
3	LTE Band30	27710	2310	50RB	Rear	0mm	\	Note1	13.03	14.00	0.802	**1.00**	0.364	**0.46**	0.12
3	LTE Band30	27710	2310	1RB-Middle	Rear	0mm	\	Note2	10.09	11.00	0.418	**0.52**	0.154	**0.19**	-0.03
3	LTE Band30	27710	2310	1RB-Middle	Right	0mm	\	Note2	10.09	11.00	0.214	**0.26**	0.081	**0.10**	-0.08
3	LTE Band30	27710	2310	1RB-Middle	Top	0mm	\	Note2	10.09	11.00	<0.01	**<0.01**	<0.01	**<0.01**	
3	LTE Band30	27710	2310	25RB-Low	Rear	0mm	\	Note2	10.05	11.00	0.427	**0.53**	0.158	**0.20**	0.09
3	LTE Band30	27710	2310	25RB-Low	Right	0mm	\	Note2	10.05	11.00	0.209	**0.26**	0.078	**0.10**	-0.09
3	LTE Band30	27710	2310	25RB-Low	Top	0mm	\	Note2	10.05	11.00	<0.01	**<0.01**	<0.01	**<0.01**	
3	LTE Band30	27710	2310	1RB-Low	Rear	19mm	\	\	23.15	24.00	0.232	**0.28**	0.133	**0.16**	0.17
3	LTE Band30	27710	2310	1RB-Low	Right	19mm	\	\	23.15	24.00	0.128	**0.16**	0.070	**0.09**	-0.15
3	LTE Band30	27710	2310	1RB-Low	Top	34mm	\	\	23.15	24.00	0.046	**0.06**	0.028	**0.03**	0.05
3	LTE Band30	27710	2310	25RB-Low	Rear	19mm	\	\	22.22	23.00	0.184	**0.22**	0.106	**0.13**	-0.17
3	LTE Band30	27710	2310	25RB-Low	Right	19mm	\	\	22.22	23.00	0.095	**0.11**	0.054	**0.06**	-0.19
3	LTE Band30	27710	2310	25RB-Low	Top	34mm	\	\	22.22	23.00	0.041	**0.05**	0.024	**0.03**	0.11

ANT	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
3	LTE Band41 PC3	41490	2680	1RB-Low	Rear	0mm	\	\	14.15	15.00	0.391	**0.48**	0.140	**0.17**	-0.03
3	LTE Band41 PC3	41490	2680	1RB-Low	Right	0mm	\	\	14.15	15.00	0.134	**0.16**	0.050	**0.06**	0.18
3	LTE Band41 PC3	41490	2680	1RB-Low	Top	0mm	\	\	14.15	15.00	0.045	**0.05**	0.020	**0.02**	0.03
3	LTE Band41 PC3	41490	2680	50RB-Low	Rear	0mm	\	\	14.12	15.00	0.383	**0.47**	0.137	**0.17**	0.11
3	LTE Band41 PC3	41490	2680	50RB-Low	Right	0mm	\	\	14.12	15.00	0.130	**0.16**	0.049	**0.06**	0.06
3	LTE Band41 PC3	41490	2680	50RB-Low	Top	0mm	\	\	14.12	15.00	0.045	**0.06**	0.021	**0.03**	0.18
3	LTE Band41 PC3	41055	2636.5	1RB-Low	Rear	19mm	\	\	23.39	24.00	0.192	**0.22**	0.100	**0.12**	-0.04
3	LTE Band41 PC3	41055	2636.5	1RB-Low	Right	19mm	\	\	23.39	24.00	0.119	**0.14**	0.063	**0.07**	0.19
3	LTE Band41 PC3	41055	2636.5	1RB-Low	Top	34mm	FIG A.15	\	23.39	24.00	0.460	**0.53**	0.196	**0.23**	-0.07
3	LTE Band41 PC3	41055	2636.5	50RB-Low	Rear	19mm	\	\	22.25	23.00	0.151	**0.18**	0.078	**0.09**	-0.03
3	LTE Band41 PC3	41055	2636.5	50RB-Low	Right	19mm	\	\	22.25	23.00	0.098	**0.12**	0.055	**0.07**	-0.11
3	LTE Band41 PC3	41055	2636.5	50RB-Low	Top	34mm	\	\	22.25	23.00	0.380	**0.45**	0.155	**0.18**	-0.11
3	LTE Band41 PC2	41490	2680	1RB-Low	Rear	0mm	\	\	16.09	17.00	0.548	**0.68**	0.203	**0.25**	0.16
3	LTE Band41 PC2	41490	2680	1RB-Low	Right	0mm	\	\	16.09	17.00	0.161	**0.20**	0.056	**0.07**	-0.02
3	LTE Band41 PC2	41490	2680	1RB-Low	Top	0mm	\	\	16.09	17.00	0.055	**0.07**	0.025	**0.03**	0.11
3	LTE Band41 PC2	41490	2680	50RB-Low	Rear	0mm	\	\	16.05	17.00	0.543	**0.68**	0.200	**0.25**	-0.14
3	LTE Band41 PC2	41490	2680	50RB-Low	Right	0mm	\	\	16.05	17.00	0.172	**0.21**	0.060	**0.07**	-0.10
3	LTE Band41 PC2	41490	2680	50RB-Low	Top	0mm	\	\	16.05	17.00	0.052	**0.06**	0.023	**0.03**	0.09
3	LTE Band41 PC2	41055	2636.5	1RB-Low	Rear	19mm	\	\	26.32	27.00	0.240	**0.28**	0.124	**0.15**	-0.04
3	LTE Band41 PC2	41055	2636.5	1RB-Low	Right	19mm	\	\	26.32	27.00	0.168	**0.20**	0.094	**0.11**	0.16
3	LTE Band41 PC2	41055	2636.5	1RB-Low	Top	34mm	FIG A.16	\	26.32	27.00	0.596	**0.70**	0.254	**0.30**	0.15
3	LTE Band41 PC2	41055	2636.5	50RB-Low	Rear	19mm	\	\	25.29	26.00	0.206	**0.24**	0.106	**0.12**	0.16
3	LTE Band41 PC2	41055	2636.5	50RB-Low	Right	19mm	\	\	25.29	26.00	0.116	**0.14**	0.065	**0.08**	0.04
3	LTE Band41 PC2	41055	2636.5	50RB-Low	Top	34mm	\	\	25.29	26.00	0.504	**0.59**	0.226	**0.27**	-0.12
5	LTE Band48	55340	3560	1RB-High	Rear	0mm	\	\	9.88	10.00	0.577	**0.59**	0.151	**0.16**	-0.06
5	LTE Band48	55340	3560	1RB-High	Left	0mm	\	\	9.88	10.00	0.096	**0.10**	0.028	**0.03**	-0.02
5	LTE Band48	55340	3560	1RB-High	Top	0mm	\	\	9.88	10.00	0.549	**0.56**	0.139	**0.14**	-0.07
5	LTE Band48	55340	3560	50RB-Low	Rear	0mm	FIG A.17	\	9.78	10.00	0.578	**0.61**	0.152	**0.16**	0.16
5	LTE Band48	55340	3560	50RB-Low	Left	0mm	\	\	9.78	10.00	0.075	**0.08**	0.022	**0.02**	0.01
5	LTE Band48	55340	3560	50RB-Low	Top	0mm	\	\	9.78	10.00	0.562	**0.59**	0.142	**0.15**	-0.06
5	LTE Band48	55340	3560	1RB-Mid	Rear	34mm	\	\	23.74	24.00	0.334	**0.35**	0.169	**0.18**	0.08
5	LTE Band48	55340	3560	1RB-Mid	Left	24mm	\	\	23.74	24.00	0.276	**0.29**	0.140	**0.15**	-0.19
5	LTE Band48	55340	3560	1RB-Mid	Top	34mm	\	\	23.74	24.00	0.293	**0.31**	0.154	**0.16**	-0.15
5	LTE Band48	55340	3560	50RB-Mid	Rear	34mm	\	\	22.65	23.00	0.265	**0.29**	0.135	**0.15**	-0.12
5	LTE Band48	55340	3560	50RB-Mid	Left	24mm	\	\	22.65	23.00	0.230	**0.25**	0.117	**0.13**	0.04
5	LTE Band48	55340	3560	50RB-Mid	Top	34mm	\	\	22.65	23.00	0.233	**0.25**	0.120	**0.13**	-0.19

ANT	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
0	LTE Band66	132572	1770	1RB-Low	Rear	0mm	FIG A.18	Note1	14.77	16.00	0.658	**0.87**	0.316	**0.42**	0.05
0	LTE Band66	132322	1745	1RB-Low	Rear	0mm	\	Note1	14.73	16.00	0.644	**0.86**	0.310	**0.42**	0.13
0	LTE Band66	132072	1720	1RB-Low	Rear	0mm	\	Note1	14.70	16.00	0.628	**0.85**	0.303	**0.41**	0.09
0	LTE Band66	132572	1770	1RB-Low	Right	0mm	\	Note1	14.77	16.00	0.392	**0.52**	0.171	**0.23**	0.15
0	LTE Band66	132572	1770	1RB-Low	Top	0mm	\	Note1	14.77	16.00	0.410	**0.54**	0.175	**0.23**	0.04
0	LTE Band66	132572	1770	50RB-Low	Rear	0mm	\	Note1	14.79	16.00	0.558	**0.74**	0.262	**0.35**	-0.02
0	LTE Band66	132572	1770	50RB-Low	Right	0mm	\	Note1	14.79	16.00	0.415	**0.55**	0.184	**0.24**	-0.06
0	LTE Band66	132572	1770	50RB-Low	Top	0mm	\	Note1	14.79	16.00	0.355	**0.47**	0.173	**0.23**	0.13
0	LTE Band66	132572	1770	100RB	Rear	0mm	\	Note1	14.74	16.00	0.644	**0.86**	0.312	**0.42**	0.18
0	LTE Band66	132572	1770	1RB-Low	Rear	0mm	\	Note2	11.95	13.00	0.355	**0.45**	0.163	**0.21**	-0.18
0	LTE Band66	132572	1770	1RB-Low	Right	0mm	\	Note2	11.95	13.00	0.212	**0.27**	0.088	**0.11**	0.18
0	LTE Band66	132572	1770	1RB-Low	Top	0mm	\	Note2	11.95	13.00	0.155	**0.20**	0.068	**0.09**	-0.17
0	LTE Band66	132572	1770	50RB-Low	Rear	0mm	\	Note2	11.92	13.00	0.301	**0.39**	0.135	**0.17**	0.04
0	LTE Band66	132572	1770	50RB-Low	Right	0mm	\	Note2	11.92	13.00	0.224	**0.29**	0.095	**0.12**	-0.06
0	LTE Band66	132572	1770	50RB-Low	Top	0mm	\	Note2	11.92	13.00	0.134	**0.17**	0.067	**0.09**	-0.04
0	LTE Band66	132322	1745	1RB-Mid	Rear	19mm	\	\	24.12	25.00	0.265	**0.32**	0.164	**0.20**	-0.12
0	LTE Band66	132322	1745	1RB-Mid	Right	19mm	\	\	24.12	25.00	0.175	**0.21**	0.109	**0.13**	0.06
0	LTE Band66	132322	1745	1RB-Mid	Top	19mm	\	\	24.12	25.00	0.137	**0.17**	0.083	**0.10**	0.12
0	LTE Band66	132572	1770	50RB-Low	Rear	19mm	\	\	23.03	24.00	0.228	**0.29**	0.142	**0.18**	-0.17
0	LTE Band66	132572	1770	50RB-Low	Right	19mm	\	\	23.03	24.00	0.156	**0.20**	0.096	**0.12**	-0.18
0	LTE Band66	132572	1770	50RB-Low	Top	19mm	\	\	23.03	24.00	0.103	**0.13**	0.061	**0.08**	-0.07
2	LTE Band66	132572	1770	1RB-Mid	Rear	0mm	\	Note2	13.72	14.00	0.419	**0.45**	0.201	**0.21**	-0.14
2	LTE Band66	132572	1770	1RB-Mid	Left	0mm	\	Note2	13.72	14.00	0.236	**0.25**	0.114	**0.12**	0.19
2	LTE Band66	132572	1770	1RB-Mid	Bottom	0mm	\	Note2	13.72	14.00	0.231	**0.25**	0.087	**0.09**	0.14
2	LTE Band66	132322	1745	50RB-High	Rear	0mm	\	Note2	13.81	14.00	0.373	**0.39**	0.194	**0.20**	-0.17
2	LTE Band66	132322	1745	50RB-High	Left	0mm	\	Note2	13.81	14.00	0.260	**0.27**	0.120	**0.13**	-0.01
2	LTE Band66	132322	1745	50RB-High	Bottom	0mm	\	Note2	13.81	14.00	0.174	**0.18**	0.071	**0.07**	-0.06
2	LTE Band66	132572	1770	1RB-Mid	Rear	19mm	\	Note2	23.75	25.00	0.277	**0.37**	0.168	**0.22**	0.18
2	LTE Band66	132572	1770	1RB-Mid	Left	9mm	\	Note2	23.75	25.00	0.363	**0.48**	0.216	**0.29**	0.02
2	LTE Band66	132572	1770	1RB-Mid	Bottom	19mm	\	Note2	23.75	25.00	0.166	**0.22**	0.100	**0.13**	0.03
2	LTE Band66	132322	1745	50RB-High	Rear	19mm	\	Note2	22.69	24.00	0.261	**0.35**	0.157	**0.21**	0.15
2	LTE Band66	132322	1745	50RB-High	Left	9mm	\	Note2	22.69	24.00	0.320	**0.43**	0.192	**0.26**	0.11
2	LTE Band66	132322	1745	50RB-High	Bottom	19mm	\	Note2	22.69	24.00	0.123	**0.17**	0.093	**0.13**	-0.02
0	LTE Band71	133222	673	1RB-Low	Rear	0mm	\	\	17.78	19.00	0.517	**0.68**	0.264	**0.35**	0.19
0	LTE Band71	133222	673	1RB-Low	Right	0mm	\	\	17.78	19.00	0.023	**0.03**	0.015	**0.02**	0.14
0	LTE Band71	133372	688	1RB-Low	Top	0mm	\	\	17.71	19.00	0.642	**0.86**	0.262	**0.35**	0.19
0	LTE Band71	133322	683	1RB-Low	Top	0mm	\	\	17.72	19.00	0.639	**0.86**	0.254	**0.34**	0.13
0	LTE Band71	133222	673	1RB-Low	Top	0mm	FIG A.19	\	17.78	19.00	0.657	**0.87**	0.272	**0.36**	-0.08
0	LTE Band71	133222	673	50RB-Low	Rear	0mm	\	\	17.79	19.00	0.498	**0.66**	0.258	**0.34**	0.15
0	LTE Band71	133222	673	50RB-Low	Right	0mm	\	\	17.79	19.00	0.021	**0.03**	0.014	**0.02**	-0.01
0	LTE Band71	133372	688	50RB-Low	Top	0mm	\	\	17.76	19.00	0.643	**0.86**	0.263	**0.35**	-0.16
0	LTE Band71	133322	683	50RB-Low	Top	0mm	\	\	17.73	19.00	0.642	**0.86**	0.261	**0.35**	0.18
0	LTE Band71	133222	673	50RB-Low	Top	0mm	\	\	17.79	19.00	0.605	**0.80**	0.253	**0.33**	0.18
0	LTE Band71	133222	673	100RB	Top	0mm	\	\	17.77	19.00	0.615	**0.82**	0.238	**0.32**	0.11
0	LTE Band71	133222	673	1RB-Low	Rear	19mm	\	\	22.93	24.00	0.079	**0.10**	0.056	**0.07**	0.11
0	LTE Band71	133222	673	1RB-Low	Right	19mm	\	\	22.93	24.00	<0.01	**<0.01**	<0.01	**<0.01**	
0	LTE Band71	133222	673	1RB-Low	Top	19mm	\	\	22.93	24.00	0.055	**0.07**	0.033	**0.04**	0.04
0	LTE Band71	133222	673	50RB-High	Rear	19mm	\	\	21.93	23.00	0.085	**0.11**	0.059	**0.08**	0.07
0	LTE Band71	133222	673	50RB-High	Right	19mm	\	\	21.93	23.00	<0.01	**<0.01**	<0.01	**<0.01**	
0	LTE Band71	133222	673	50RB-High	Top	19mm	\	\	21.93	23.00	0.053	**0.07**	0.033	**0.04**	-0.16

11.2 SAR results for 5G NR

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	14.63	15.00	0.563	**0.61**	0.275	**0.30**	0.05
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Right	0mm	\	Note1	14.63	15.00	0.329	**0.36**	0.146	**0.16**	-0.16
0	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Top	0mm	FIG A.20	Note1	14.56	15.00	0.795	**0.88**	0.320	**0.35**	0.14
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Top	0mm	\	Note1	14.63	15.00	0.659	**0.72**	0.272	**0.30**	-0.15
0	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Top	0mm	\	Note1	14.62	15.00	0.548	**0.60**	0.230	**0.25**	-0.01
0	Body	N2	376000	1880	CP-OFDM 16QAM	Top	0mm	\	Note1	14.53	15.00	0.636	**0.71**	0.257	**0.29**	0.19
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	11.68	12.00	0.274	**0.29**	0.134	**0.14**	0.19
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Right	0mm	\	Note2	11.68	12.00	0.136	**0.15**	0.061	**0.07**	0.15
0	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Top	0mm	\	Note2	11.62	12.00	0.423	**0.46**	0.168	**0.18**	0.03
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Top	0mm	\	Note2	11.68	12.00	0.350	**0.38**	0.142	**0.15**	0.11
0	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Top	0mm	\	Note2	11.67	12.00	0.291	**0.31**	0.121	**0.13**	-0.06
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	19mm	\	\	23.97	25.00	0.231	**0.29**	0.147	**0.19**	0.13
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Right	19mm	\	\	23.97	25.00	0.317	**0.40**	0.194	**0.25**	0.06
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Top	19mm	\	\	23.97	25.00	0.214	**0.27**	0.121	**0.15**	-0.18
2	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	13.78	14.00	0.539	**0.57**	0.227	**0.24**	0.15
2	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	13.80	14.00	0.509	**0.53**	0.211	**0.22**	-0.07
2	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	13.77	14.00	0.478	**0.50**	0.203	**0.21**	-0.19
2	Body	N2	376000	1880	DFT-s-OFDM QPSK	Left	0mm	\	Note2	13.80	14.00	0.152	**0.16**	0.076	**0.08**	0.02
2	Body	N2	376000	1880	DFT-s-OFDM QPSK	Bottom	0mm	\	Note2	13.80	14.00	0.281	**0.29**	0.114	**0.12**	-0.03
2	Body	N2	376000	1880	CP-OFDM 64QAM	Rear	0mm	\	Note2	13.78	14.00	0.491	**0.52**	0.207	**0.22**	0.14
2	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	19mm	\	Note2	23.94	25.00	0.349	**0.45**	0.210	**0.27**	0.16
2	Body	N2	376000	1880	DFT-s-OFDM QPSK	Left	9mm	\	Note2	23.94	25.00	0.268	**0.34**	0.157	**0.20**	-0.19
2	Body	N2	376000	1880	DFT-s-OFDM QPSK	Bottom	19mm	\	Note2	23.94	25.00	0.123	**0.16**	0.071	**0.09**	0.09
0	Body	N5	167300	846.5	DFT-s-OFDM QPSK	Rear	0mm	FIG A.21	Note1	19.65	20.00	1.050	**1.14**	0.542	**0.59**	0.05
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	19.68	20.00	1.040	**1.12**	0.539	**0.58**	-0.01
0	Body	N5	167300	826.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	19.64	20.00	1.010	**1.10**	0.529	**0.57**	0.1
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Right	0mm	\	Note1	19.68	20.00	0.159	**0.17**	0.096	**0.10**	-0.19
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Top	0mm	\	Note1	19.68	20.00	0.583	**0.63**	0.261	**0.28**	-0.05
0	Body	N5	167300	836.5	CP-OFDM 16QAM	Rear	0mm	\	Note1	19.66	20.00	0.971	**1.05**	0.518	**0.56**	0.16
0	Body	N5	167300	846.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	16.56	17.00	0.529	**0.59**	0.263	**0.29**	0.14
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	16.59	17.00	0.523	**0.57**	0.260	**0.29**	0.03
0	Body	N5	167300	826.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	16.56	17.00	0.516	**0.57**	0.258	**0.29**	-0.07
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Right	0mm	\	Note2	16.59	17.00	0.092	**0.10**	0.054	**0.06**	-0.05
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Top	0mm	\	Note2	16.59	17.00	0.310	**0.34**	0.131	**0.14**	-0.04
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	19mm	\	\	24.06	25.00	0.294	**0.37**	0.192	**0.24**	0.16
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Right	19mm	\	\	24.06	25.00	0.061	**0.08**	0.041	**0.05**	0.03
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Top	19mm	\	\	24.06	25.00	0.228	**0.28**	0.143	**0.18**	0.17
0	Body	N12	142700	713.5	DFT-s-OFDM QPSK	Rear	0mm	\	\	18.58	20.00	0.741	**1.03**	0.375	**0.52**	-0.17
0	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Rear	0mm	FIG A.22	\	18.64	20.00	0.750	**1.03**	0.379	**0.52**	0.18
0	Body	N12	140300	701.5	DFT-s-OFDM QPSK	Rear	0mm	\	\	18.60	20.00	0.737	**1.02**	0.373	**0.51**	0.04
0	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Right	0mm	\	\	18.64	20.00	0.079	**0.11**	0.040	**0.05**	0.03
0	Body	N12	142700	713.5	DFT-s-OFDM QPSK	Top	0mm	\	\	18.64	20.00	0.644	**0.88**	0.274	**0.37**	-0.15
0	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Top	0mm	\	\	18.64	20.00	0.652	**0.89**	0.277	**0.38**	-0.02
0	Body	N12	140300	701.5	DFT-s-OFDM QPSK	Top	0mm	\	\	18.64	20.00	0.641	**0.88**	0.273	**0.37**	0.08
0	Body	N12	141500	707.5	CP-OFDM 16QAM	Rear	0mm	\	\	18.59	20.00	0.728	**1.01**	0.363	**0.50**	0.09
0	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Rear	19mm	\	\	22.78	24.00	0.117	**0.15**	0.084	**0.11**	0.13
0	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Right	19mm	\	\	22.78	24.00	<0.01	**<0.01**	<0.01	**<0.01**	
0	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Top	19mm	\	\	22.78	24.00	0.108	**0.14**	0.068	**0.09**	-0.09
0	Body	N14	159100	795.5	DFT-s-OFDM QPSK	Rear	0mm	\	\	19.65	20.00	0.716	**0.78**	0.357	**0.39**	-0.17
0	Body	N14	158600	793	DFT-s-OFDM QPSK	Rear	0mm	\	\	19.69	20.00	0.733	**0.79**	0.364	**0.39**	0.16
0	Body	N14	158100	790.5	DFT-s-OFDM QPSK	Rear	0mm	FIG A.23	\	19.59	20.00	0.749	**0.82**	0.372	**0.41**	0.02
0	Body	N14	158600	793	DFT-s-OFDM QPSK	Right	0mm	\	\	19.69	20.00	0.238	**0.26**	0.118	**0.13**	0.09
0	Body	N14	158600	793	DFT-s-OFDM QPSK	Top	0mm	\	\	19.69	20.00	0.489	**0.53**	0.201	**0.22**	0.02
0	Body	N14	158600	793	CP-OFDM 16QAM	Rear	0mm	\	\	19.58	20.00	0.708	**0.78**	0.344	**0.38**	0.11
0	Body	N14	158600	793	DFT-s-OFDM QPSK	Rear	19mm	\	\	22.85	24.00	0.283	**0.37**	0.179	**0.23**	0.19
0	Body	N14	158600	793	DFT-s-OFDM QPSK	Right	19mm	\	\	22.85	24.00	0.058	**0.08**	0.038	**0.05**	0.13
0	Body	N14	158600	793	DFT-s-OFDM QPSK	Top	19mm	\	\	22.85	24.00	0.198	**0.26**	0.122	**0.16**	0.05

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Rear	0mm	\	\	13.63	15.00	0.446	**0.61**	0.219	**0.30**	0.12
0	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Right	0mm	\	\	13.63	15.00	0.252	**0.35**	0.106	**0.15**	0.04
0	Body	N25	382500	1912.5	DFT-s-OFDM QPSK	Top	0mm	FIG A.24	\	13.59	15.00	0.643	**0.89**	0.260	**0.36**	0.03
0	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Top	0mm	\	\	13.63	15.00	0.521	**0.71**	0.204	**0.28**	-0.02
0	Body	N25	370500	1852.5	DFT-s-OFDM QPSK	Top	0mm	\	\	13.60	15.00	0.435	**0.60**	0.173	**0.24**	-0.07
0	Body	N25	376500	1882.5	CP-OFDM 256QAM	Top	0mm	\	\	13.57	15.00	0.509	**0.71**	0.187	**0.26**	0.16
0	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Rear	19mm	\	\	23.16	25.00	0.227	**0.35**	0.144	**0.22**	-0.14
0	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Right	19mm	\	\	23.16	25.00	0.254	**0.39**	0.157	**0.24**	0.14
0	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Top	19mm	\	\	23.16	25.00	0.194	**0.30**	0.109	**0.17**	0.06
2	Body	N25	382500	1912.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	12.80	14.00	0.426	**0.56**	0.170	**0.22**	0.13
2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	12.84	14.00	0.402	**0.53**	0.158	**0.21**	-0.18
2	Body	N25	370500	1852.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	12.64	14.00	0.378	**0.52**	0.152	**0.21**	0.04
2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Left	0mm	\	Note2	12.84	14.00	0.120	**0.16**	0.057	**0.07**	0.17
2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Bottom	0mm	\	Note2	12.84	14.00	0.222	**0.29**	0.085	**0.11**	-0.1
2	Body	N25	376500	1882.5	CP-OFDM 64QAM	Rear	0mm	\	Note2	12.77	14.00	0.395	**0.52**	0.147	**0.20**	0.07
2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Rear	19mm	\	Note2	23.21	25.00	0.251	**0.38**	0.147	**0.22**	0.07
2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Left	9mm	\	Note2	23.21	25.00	0.268	**0.40**	0.157	**0.24**	0.19
2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Bottom	19mm	\	Note2	23.21	25.00	0.123	**0.19**	0.071	**0.11**	0.03
3	Body	N30	462500	2312.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	12.88	14.00	0.641	**0.83**	0.247	**0.32**	-0.12
3	Body	N30	462000	2310	DFT-s-OFDM QPSK	Rear	0mm	FIG A.25	Note1	12.94	14.00	0.648	**0.83**	0.250	**0.32**	0.19
3	Body	N30	461500	2307.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	12.90	14.00	0.630	**0.81**	0.243	**0.31**	-0.07
3	Body	N30	462000	2310	DFT-s-OFDM QPSK	Right	0mm	\	Note1	12.94	14.00	0.194	**0.25**	0.085	**0.11**	-0.18
3	Body	N30	462000	2310	DFT-s-OFDM QPSK	Top	0mm	\	Note1	12.94	14.00	0.080	**0.10**	0.016	**0.02**	0.06
3	Body	N30	462000	2310	CP-OFDM 64QAM	Rear	0mm	\	Note1	12.92	14.00	0.620	**0.80**	0.233	**0.30**	-0.18
3	Body	N30	462500	2312.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	9.79	11.00	0.320	**0.42**	0.123	**0.16**	0.09
3	Body	N30	462000	2310	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	9.84	11.00	0.323	**0.42**	0.124	**0.16**	0.11
3	Body	N30	461500	2307.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	9.81	11.00	0.314	**0.41**	0.121	**0.16**	0.07
3	Body	N30	462000	2310	DFT-s-OFDM QPSK	Right	0mm	\	Note2	9.84	11.00	0.097	**0.13**	0.042	**0.05**	-0.04
3	Body	N30	462000	2310	DFT-s-OFDM QPSK	Top	0mm	\	Note2	9.84	11.00	<0.01	**<0.01**	<0.01	**<0.01**	
3	Body	N30	462000	2310	DFT-s-OFDM QPSK	Rear	19mm	\	\	23.16	24.00	0.313	**0.38**	0.181	**0.22**	0.17
3	Body	N30	462000	2310	DFT-s-OFDM QPSK	Right	19mm	\	\	23.16	24.00	0.185	**0.22**	0.105	**0.13**	0.05
3	Body	N30	462000	2310	DFT-s-OFDM QPSK	Top	34mm	\	\	23.16	24.00	0.052	**0.06**	0.012	**0.01**	0.03
3	Body	N41	537000	2685	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	12.06	14.00	0.499	**0.78**	0.195	**0.30**	-0.03
3	Body	N41	527799	2639	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	12.07	14.00	0.576	**0.90**	0.230	**0.36**	-0.17
3	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	0mm	FIG A.26	Note1	12.09	14.00	0.679	**1.05**	0.242	**0.38**	0.16
3	Body	N41	509406	2555.02	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	12.00	14.00	0.637	**1.01**	0.237	**0.38**	-0.03
3	Body	N41	500205	2501.01	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	12.01	14.00	0.636	**1.01**	0.235	**0.37**	0.12
3	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Right	0mm	\	Note1	12.09	14.00	0.111	**0.17**	0.052	**0.08**	-0.1
3	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Top	0mm	\	Note1	12.09	14.00	0.066	**0.10**	0.018	**0.03**	0.07
3	Body	N41	518598	2592.99	CP-OFDM 64QAM	Rear	0mm	\	Note1	12.05	14.00	0.654	**1.02**	0.239	**0.37**	0.17
3	Body	N41	537000	2685	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	9.07	11.00	0.199	**0.31**	0.077	**0.12**	0.13
3	Body	N41	527799	2639	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	9.08	11.00	0.229	**0.36**	0.091	**0.14**	0.08
3	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	9.09	11.00	0.270	**0.42**	0.096	**0.15**	0.12
3	Body	N41	509406	2555.02	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	9.02	11.00	0.253	**0.40**	0.095	**0.15**	0.11
3	Body	N41	500205	2501.01	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	9.03	11.00	0.253	**0.40**	0.094	**0.15**	0.04
3	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Right	0mm	\	Note2	9.09	11.00	0.055	**0.09**	0.025	**0.04**	0.15
3	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Top	0mm	\	Note1	12.09	14.00	<0.01	**<0.01**	<0.01	**<0.01**	
3	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	19mm	\	\	24.44	26.10	0.531	**0.78**	0.276	**0.40**	0.19
3	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Right	19mm	\	\	24.44	26.10	0.409	**0.60**	0.223	**0.33**	0.05
3	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Top	34mm	\	\	24.44	26.10	0.092	**0.13**	0.054	**0.08**	0.12
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Rear	0mm	\	\	7.71	8.00	0.688	**0.74**	0.182	**0.19**	0.16
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Left	0mm	\	\	7.71	8.00	<0.01	**<0.01**	<0.01	**<0.01**	
5	Body	n48	646332	3694.98	DFT-s-OFDM QPSK	Top	0mm	FIG A.27	\	7.68	8.00	0.885	**0.95**	0.211	**0.23**	0.07
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Top	0mm	\	\	7.71	8.00	0.863	**0.92**	0.209	**0.22**	-0.11
5	Body	n48	637000	3555	DFT-s-OFDM QPSK	Top	0mm	\	\	7.67	8.00	0.744	**0.80**	0.188	**0.20**	0.08
5	Body	n48	641666	3624.99	CP-OFDM QPSK	Top	0mm	\	\	7.69	8.00	0.815	**0.88**	0.202	**0.22**	0.16
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Rear	34mm	\	\	24.25	25.00	0.411	**0.49**	0.211	**0.25**	0.18
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Left	24mm	\	\	24.25	25.00	0.122	**0.14**	0.062	**0.07**	0.03
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Top	34mm	\	\	24.25	25.00	0.405	**0.48**	0.209	**0.25**	-0.09

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	15.40	16.00	0.565	**0.65**	0.280	**0.32**	0.16
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	0mm	FIG A.28	Note1	15.49	16.00	0.576	**0.65**	0.286	**0.32**	-0.15
0	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	15.43	16.00	0.546	**0.62**	0.271	**0.31**	-0.03
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Right	0mm	\	Note1	15.49	16.00	0.431	**0.48**	0.181	**0.20**	-0.14
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	0mm	\	Note1	15.49	16.00	0.369	**0.41**	0.145	**0.16**	0.1
0	Body	N66	349000	1745	CP-OFDM QPSK	Rear	0mm	\	Note1	15.47	16.00	0.558	**0.63**	0.276	**0.31**	0.14
0	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	12.50	13.00	0.250	**0.28**	0.122	**0.14**	0.15
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	12.57	13.00	0.255	**0.28**	0.125	**0.14**	-0.12
0	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	12.52	13.00	0.242	**0.27**	0.118	**0.13**	-0.13
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Right	0mm	\	Note2	12.57	13.00	0.191	**0.21**	0.079	**0.09**	-0.19
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	0mm	\	Note2	12.57	13.00	0.163	**0.18**	0.063	**0.07**	-0.17
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	19mm	\	\	24.02	25.00	0.397	**0.50**	0.244	**0.31**	-0.05
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Right	19mm	\	\	24.02	25.00	0.372	**0.47**	0.223	**0.28**	0.07
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	19mm	\	\	24.02	25.00	0.164	**0.21**	0.098	**0.12**	0.19
2	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	13.71	14.00	0.314	**0.34**	0.161	**0.17**	0.06
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	13.74	14.00	0.368	**0.39**	0.184	**0.20**	0.02
2	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	13.73	14.00	0.282	**0.30**	0.149	**0.16**	-0.15
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	0mm	\	Note2	13.74	14.00	0.206	**0.22**	0.094	**0.10**	-0.09
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Bottom	0mm	\	Note2	13.74	14.00	0.150	**0.16**	0.068	**0.07**	0.12
2	Body	N66	349000	1745	CP-OFDM 64QAM	Rear	0mm	\	Note2	13.72	14.00	0.342	**0.36**	0.173	**0.18**	0.19
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	19mm	\	Note2	23.86	25.00	0.264	**0.34**	0.161	**0.21**	-0.1
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	9mm	\	Note2	23.86	25.00	0.227	**0.30**	0.133	**0.17**	-0.01
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Bottom	19mm	\	Note2	23.86	25.00	0.131	**0.17**	0.079	**0.10**	0.06
0	Body	N71	139100	695.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	18.62	20.00	0.714	**0.98**	0.283	**0.39**	0.07
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	18.69	20.00	0.739	**1.00**	0.381	**0.52**	0.15
0	Body	N71	133100	665.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	18.58	20.00	0.709	**0.98**	0.270	**0.37**	-0.16
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Right	0mm	\	Note1	18.69	20.00	0.075	**0.10**	0.039	**0.05**	0.14
0	Body	N71	139100	695.5	DFT-s-OFDM QPSK	Top	0mm	\	Note1	18.62	20.00	0.724	**0.99**	0.293	**0.40**	0.16
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Top	0mm	FIG A.29	Note1	18.69	20.00	0.740	**1.00**	0.308	**0.42**	-0.1
0	Body	N71	133100	665.5	DFT-s-OFDM QPSK	Top	0mm	\	Note1	18.58	20.00	0.718	**1.00**	0.288	**0.40**	-0.12
0	Body	N71	136100	680.5	CP-OFDM QPSK	Top	0mm	\	Note1	18.60	20.00	0.705	**0.97**	0.267	**0.37**	0.18
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	14.66	16.00	0.281	**0.38**	0.144	**0.20**	0.07
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Right	0mm	\	Note2	14.66	16.00	0.033	**0.04**	0.015	**0.02**	-0.19
0	Body	N71	139100	695.5	DFT-s-OFDM QPSK	Top	0mm	\	Note2	14.65	16.00	0.314	**0.43**	0.116	**0.16**	-0.07
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Top	0mm	\	Note2	14.66	16.00	0.321	**0.44**	0.122	**0.17**	0.17
0	Body	N71	133100	665.5	DFT-s-OFDM QPSK	Top	0mm	\	Note2	14.62	16.00	0.311	**0.43**	0.114	**0.16**	0.05
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Rear	19mm	\	\	22.81	24.00	0.129	**0.17**	0.090	**0.12**	0.15
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Right	19mm	\	\	22.81	24.00	<0.01	**<0.01**	<0.01	**<0.01**	
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Top	19mm	\	\	22.81	24.00	0.087	**0.11**	0.051	**0.07**	0.04
5	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	5.88	7.00	0.213	**0.28**	0.053	**0.07**	0.13
5	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Left	0mm	\	Note1	5.88	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
5	Body	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Top	0mm	\	Note1	5.84	7.00	0.487	**0.64**	0.118	**0.15**	0.05
5	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Top	0mm	\	Note1	5.88	7.00	0.491	**0.64**	0.122	**0.16**	0.08
5	Body	n77-L	630334	3445.01	DFT-s-OFDM QPSK	Top	0mm	\	Note1	5.85	7.00	0.473	**0.62**	0.110	**0.14**	0.16
5	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	2.62	4.00	0.148	**0.20**	0.031	**0.04**	0.16
5	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Left	0mm	\	Note2	2.62	4.00	<0.01	**<0.01**	<0.01	**<0.01**	
5	Body	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Top	0mm	\	Note2	2.61	4.00	0.223	**0.31**	0.047	**0.06**	0.02
5	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Top	0mm	\	Note2	2.62	4.00	0.225	**0.31**	0.049	**0.07**	0.03
5	Body	n77-L	630334	3445.01	DFT-s-OFDM QPSK	Top	0mm	\	Note2	2.60	4.00	0.217	**0.30**	0.044	**0.06**	0.11
5	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Rear	34mm	\	\	26.39	27.10	0.647	**0.76**	0.339	**0.40**	0.15
5	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Left	24mm	\	\	26.39	27.10	0.192	**0.23**	0.103	**0.12**	0.04
5	Body	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Top	34mm	\	\	26.33	27.10	0.609	**0.73**	0.317	**0.38**	0.08
5	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Top	34mm	FIG A.30	\	26.39	27.10	0.656	**0.77**	0.341	**0.40**	-0.11
5	Body	n77-L	630334	3445.01	DFT-s-OFDM QPSK	Top	34mm	\	\	26.38	27.10	0.655	**0.77**	0.316	**0.37**	-0.12
5	Body	n77-L	633334	3500.01	CP-OFDM QPSK	Top	34mm	\	\	25.18	25.50	0.710	**0.76**	0.364	**0.39**	-0.05
5	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Rear	0mm	\	Note1	6.09	7.00	0.342	**0.42**	0.086	**0.11**	0.11
5	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Left	0mm	\	Note1	6.09	7.00	<0.01	**<0.01**	<0.01	**<0.01**	
5	Body	n77-H	665000	3975	DFT-s-OFDM QPSK	Top	0mm	\	Note1	6.07	7.00	0.405	**0.50**	0.098	**0.12**	0.07
5	Body	n77-H	661400	3921	DFT-s-OFDM QPSK	Top	0mm	\	Note1	6.08	7.00	0.435	**0.54**	0.108	**0.13**	0.04
5	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Top	0mm	\	Note1	6.09	7.00	0.505	**0.62**	0.121	**0.15**	0.08
5	Body	n77-H	654200	3813	DFT-s-OFDM QPSK	Top	0mm	\	Note1	6.03	7.00	0.525	**0.66**	0.129	**0.16**	0.16
5	Body	n77-H	650600	3759	DFT-s-OFDM QPSK	Top	0mm	\	Note1	6.06	7.00	0.562	**0.70**	0.140	**0.17**	0.09
5	Body	n77-H	647000	3705	DFT-s-OFDM QPSK	Top	0mm	FIG A.31	Note1	6.07	7.00	0.587	**0.73**	0.145	**0.18**	0.05
5	Body	n77-H	657800	3867	CP-OFDM 256QAM	Top	0mm	\	Note1	6.08	7.00	0.489	**0.60**	0.107	**0.13**	0.18
5	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Rear	0mm	\	Note2	2.75	4.00	0.125	**0.17**	0.025	**0.03**	0.16
5	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Left	0mm	\	Note2	2.75	4.00	<0.01	**<0.01**	<0.01	**<0.01**	
5	Body	n77-H	665000	3975	DFT-s-OFDM QPSK	Top	0mm	\	Note2	2.69	4.00	0.181	**0.24**	0.037	**0.05**	-0.13
5	Body	n77-H	661400	3921	DFT-s-OFDM QPSK	Top	0mm	\	Note2	2.73	4.00	0.195	**0.26**	0.041	**0.05**	0.19
5	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Top	0mm	\	Note2	2.75	4.00	0.226	**0.30**	0.046	**0.06**	0.01
5	Body	n77-H	654200	3813	DFT-s-OFDM QPSK	Top	0mm	\	Note2	2.67	4.00	0.235	**0.32**	0.049	**0.07**	0.05
5	Body	n77-H	650600	3759	DFT-s-OFDM QPSK	Top	0mm	\	Note2	2.69	4.00	0.252	**0.34**	0.053	**0.07**	-0.05
5	Body	n77-H	647000	3705	DFT-s-OFDM QPSK	Top	0mm	\	Note2	2.69	4.00	0.263	**0.36**	0.055	**0.07**	0.19
5	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Rear	34mm	\	\	26.41	27.10	0.400	**0.47**	0.202	**0.24**	0.07
5	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Left	24mm	\	\	26.41	27.10	0.162	**0.19**	0.083	**0.10**	0.08
5	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Top	34mm	\	\	26.41	27.10	0.456	**0.53**	0.230	**0.27**	0.1

11.3 SAR results for WLAN

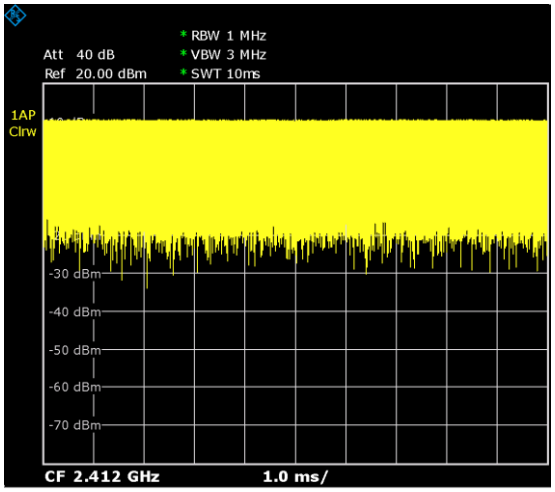
The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default power measurement procedures.

When the same transmission mode configurations have the same maximum output power on the same channel for the 802.11 a/g/n/ac/ax modes, the channel in the lower order/sequence 802.11 mode (i.e. a, g, n ac then ax) is selected.

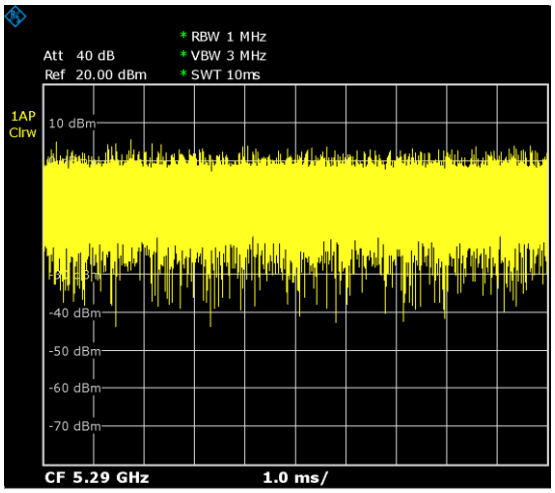
SAR Test reduction was applied from KDB 248227 guidance, when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, for each frequency band. Additional output power measurements were not deemed necessary.

Duty factor plot

WIFI2.4G



WIFI5G



WLAN 2.4G

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift	Duty Cycle
7	Body	WIFI2.4G	11	2462	11b	Rear	0mm	\	Note1	13.38	15.00	0.580	**0.84**	0.225	**0.33**	0.19	100.00%
7	Body	WIFI2.4G	6	2437	11b	Rear	0mm	\	Note1	13.93	15.00	0.621	**0.79**	0.229	**0.29**	0.15	100.00%
7	Body	WIFI2.4G	1	2412	11b	Rear	0mm	FIG A.32	Note1	13.71	15.00	0.783	**1.05**	0.306	**0.41**	0.02	100.00%
7	Body	WIFI2.4G	6	2437	11b	Left	0mm	\	Note1	13.93	15.00	0.143	**0.18**	0.050	**0.06**	0.14	100.00%
7	Body	WIFI2.4G	6	2437	11b	Top	0mm	\	Note1	13.93	15.00	0.165	**0.21**	0.071	**0.09**	0.05	100.00%
7	Body	WIFI2.4G	1	2412	11b	Rear	0mm	\	Note2	7.84	9.00	0.167	**0.22**	0.061	**0.08**	0.12	100.00%
7	Body	WIFI2.4G	1	2412	11b	Left	0mm	\	Note2	7.84	9.00	0.033	**0.04**	0.013	**0.02**	0.03	100.00%
7	Body	WIFI2.4G	1	2412	11b	Top	0mm	\	Note2	7.84	9.00	0.042	**0.05**	0.017	**0.02**	0.16	100.00%
7	Body	WIFI2.4G	6	2437	11b	Rear	19mm	\	\	17.42	18.00	0.145	**0.17**	0.074	**0.08**	0.04	100.00%
7	Body	WIFI2.4G	6	2437	11b	Left	24mm	\	\	17.42	18.00	<0.01	**<0.01**	<0.01	**<0.01**		100.00%
7	Body	WIFI2.4G	6	2437	11b	Top	9mm	\	\	17.42	18.00	0.085	**0.10**	0.046	**0.05**	0.06	100.00%

WLAN 5G

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift	Duty Cycle
7	Body	WIFI5G	42	5210	11ac-80M	Rear	0mm	\	Note1	9.77	11.00	0.324	**0.43**	0.129	**0.17**	-0.12	100.00%
7	Body	WIFI5G	42	5210	11ac-80M	Left	0mm	\	Note1	9.77	11.00	0.409	**0.54**	0.111	**0.15**	0.1	100.00%
7	Body	WIFI5G	42	5210	11ac-80M	Top	0mm	\	Note1	9.77	11.00	0.109	**0.14**	0.034	**0.05**	0.16	100.00%
7	Body	WIFI5G	58	5290	11ac-80M	Rear	0mm	FIG A.33	Note1	10.05	11.00	0.495	**0.62**	0.129	**0.16**	0.12	100.00%
7	Body	WIFI5G	58	5290	11ac-80M	Left	0mm	\	Note1	10.05	11.00	0.361	**0.45**	0.099	**0.12**	-0.14	100.00%
7	Body	WIFI5G	58	5290	11ac-80M	Top	0mm	\	Note1	10.05	11.00	0.097	**0.12**	0.031	**0.04**	0.15	100.00%
7	Body	WIFI5G	122	5610	11ac-80M	Rear	0mm	\	Note1	9.89	11.00	0.171	**0.22**	0.039	**0.05**	-0.19	100.00%
7	Body	WIFI5G	122	5610	11ac-80M	Left	0mm	\	Note1	9.89	11.00	0.277	**0.36**	0.069	**0.09**	0.12	100.00%
7	Body	WIFI5G	122	5610	11ac-80M	Top	0mm	\	Note1	9.89	11.00	0.084	**0.11**	0.026	**0.03**	0.19	100.00%
7	Body	WIFI5G	155	5775	11ac-80M	Rear	0mm	\	Note1	9.71	11.00	0.222	**0.30**	0.052	**0.07**	0.16	100.00%
7	Body	WIFI5G	155	5775	11ac-80M	Left	0mm	\	Note1	9.71	11.00	0.187	**0.25**	0.048	**0.06**	-0.08	100.00%
7	Body	WIFI5G	155	5775	11ac-80M	Top	0mm	\	Note1	9.71	11.00	0.105	**0.14**	0.028	**0.04**	0.07	100.00%
7	Body	WIFI5G	42	5210	11ac-80M	Rear	0mm	\	Note2	5.21	6.50	0.087	**0.12**	0.021	**0.03**	0.18	100.00%
7	Body	WIFI5G	42	5210	11ac-80M	Left	0mm	\	Note2	5.21	6.50	0.098	**0.13**	0.025	**0.03**	0.12	100.00%
7	Body	WIFI5G	42	5210	11ac-80M	Top	0mm	\	Note2	5.21	6.50	0.021	**0.03**	0.003	**0.00**	-0.03	100.00%
7	Body	WIFI5G	58	5290	11ac-80M	Rear	0mm	\	Note2	5.75	6.50	0.101	**0.12**	0.028	**0.03**	-0.18	100.00%
7	Body	WIFI5G	58	5290	11ac-80M	Left	0mm	\	Note2	5.75	6.50	0.132	**0.16**	0.034	**0.04**	-0.19	100.00%
7	Body	WIFI5G	58	5290	11ac-80M	Top	0mm	\	Note2	5.75	6.50	0.030	**0.04**	0.006	**0.01**	-0.03	100.00%
7	Body	WIFI5G	138	5690	11ac-80M	Rear	0mm	\	Note2	5.73	6.50	0.061	**0.07**	0.017	**0.02**	-0.17	100.00%
7	Body	WIFI5G	138	5690	11ac-80M	Left	0mm	\	Note2	5.73	6.50	0.118	**0.14**	0.026	**0.03**	-0.18	100.00%
7	Body	WIFI5G	138	5690	11ac-80M	Top	0mm	\	Note2	5.73	6.50	0.025	**0.03**	0.007	**0.01**	0.14	100.00%
7	Body	WIFI5G	155	5775	11ac-80M	Rear	0mm	\	Note2	6.03	6.50	0.042	**0.05**	0.012	**0.01**	0.1	100.00%
7	Body	WIFI5G	155	5775	11ac-80M	Left	0mm	\	Note2	6.03	6.50	0.065	**0.07**	0.017	**0.02**	0.11	100.00%
7	Body	WIFI5G	155	5775	11ac-80M	Top	0mm	\	Note2	6.03	6.50	0.028	**0.03**	0.009	**0.01**	0.13	100.00%
7	Body	WIFI5G	40	5200	11a	Rear	19mm	\	\	15.28	16.00	0.112	**0.13**	0.043	**0.05**	-0.12	100.00%
7	Body	WIFI5G	40	5200	11a	Left	24mm	\	\	15.28	16.00	0.288	**0.34**	0.141	**0.17**	0.15	100.00%
7	Body	WIFI5G	40	5200	11a	Top	9mm	\	\	15.28	16.00	0.279	**0.33**	0.109	**0.13**	0.11	100.00%
7	Body	WIFI5G	60	5300	11a	Rear	19mm	\	\	15.33	16.00	0.127	**0.15**	0.044	**0.05**	0.07	100.00%
7	Body	WIFI5G	60	5300	11a	Left	24mm	\	\	15.33	16.00	0.345	**0.40**	0.140	**0.16**	0.13	100.00%
7	Body	WIFI5G	60	5300	11a	Top	9mm	\	\	15.33	16.00	0.268	**0.31**	0.102	**0.12**	0.11	100.00%
7	Body	WIFI5G	132	5660	11a	Rear	19mm	\	\	15.30	16.00	0.139	**0.16**	0.050	**0.06**	0.16	100.00%
7	Body	WIFI5G	132	5660	11a	Left	24mm	\	\	15.30	16.00	0.203	**0.24**	0.078	**0.09**	0.19	100.00%
7	Body	WIFI5G	132	5660	11a	Top	9mm	\	\	15.30	16.00	0.293	**0.34**	0.102	**0.12**	0.01	100.00%
7	Body	WIFI5G	157	5785	11a	Rear	19mm	\	\	15.30	16.00	0.125	**0.15**	0.043	**0.05**	0.19	100.00%
7	Body	WIFI5G	157	5785	11a	Left	24mm	\	\	15.30	16.00	0.131	**0.15**	0.047	**0.06**	0.17	100.00%
7	Body	WIFI5G	157	5785	11a	Top	9mm	\	\	15.30	16.00	0.255	**0.30**	0.082	**0.10**	0.11	100.00%

11.4 SAR results for BT

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
7	Body	BT	0	2401	GFSK	Rear	0mm	FIG A.34	\	9.99	10.50	0.207	**0.23**	0.071	**0.08**	0.12
7	Body	BT	0	2401	GFSK	Left	0mm	\	\	9.99	10.50	0.066	**0.07**	0.023	**0.03**	0.16
7	Body	BT	0	2401	GFSK	Top	0mm	\	\	9.99	10.50	0.053	**0.06**	0.020	**0.02**	-0.11
7	Body	BT	0	2401	GFSK	Rear	19mm	\	\	9.99	10.50	<0.01	**<0.01**	<0.01	**<0.01**	

12 SAR Measurement Variability

SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium.

The following procedures are applied to determine if repeated measurements are required.

1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps2) through 4) do not apply.

2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.

3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45W/kg (~ 10% from the 1-g SAR limit).

4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20

ANT	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Original SAR 1g (W/kg)	First Repeated SAR 1g (W/kg)	The Ratio	Second Repeated SAR 1g (W/kg)
0	GSM850	190	836.6	GPRS(4TX)	Rear	0mm	0.830	0.803	1.03	/
0	GSM850	128	824.2	GPRS(4TX)	Rear	0mm	0.873	0.844	1.03	/
0	LTE Band2	19100	1900	1RB-Middle	Top	0mm	0.800	0.774	1.03	/
0	LTE Band2	18900	1880	1RB-Middle	Top	0mm	0.851	0.837	1.02	/
0	LTE Band2	18900	1880	50RB-Low	Top	0mm	0.840	0.804	1.04	/
0	LTE Band5	20600	844	1RB-Low	Rear	0mm	0.803	0.781	1.03	/
0	LTE Band5	20525	836.5	1RB-Low	Rear	0mm	0.865	0.825	1.05	/
0	LTE Band5	20450	829	1RB-High	Rear	0mm	0.879	0.847	1.04	/
0	LTE Band5	20600	844	25RB-Low	Rear	0mm	0.828	0.798	1.04	/
0	LTE Band5	20525	836.5	25RB-Low	Rear	0mm	0.829	0.814	1.02	/
0	LTE Band5	20450	829	25RB-Low	Rear	0mm	0.854	0.824	1.04	/
0	LTE Band5	20525	836.5	50RB	Rear	0mm	0.826	0.798	1.04	/
0	LTE Band13	23230	782	1RB-Low	Rear	0mm	0.892	0.879	1.01	/
0	LTE Band13	23230	782	25RB-High	Rear	0mm	0.864	0.838	1.03	/
0	LTE Band13	23230	782	50RB	Rear	0mm	0.874	0.850	1.03	/
0	LTE Band25	26590	1905	1RB-High	Top	0mm	0.882	0.849	1.04	/
0	LTE Band25	26590	1905	50RB-Low	Top	0mm	0.895	0.883	1.01	/
0	LTE Band26	26965	841.5	1RB-Low	Rear	0mm	0.802	0.777	1.03	/
0	LTE Band26	26775	822.5	1RB-Low	Rear	0mm	0.803	0.793	1.01	/
0	LTE Band26	26865	831.5	36RB-Low	Rear	0mm	0.874	0.834	1.05	/
3	LTE Band30	27710	2310	1RB-Low	Rear	0mm	0.859	0.831	1.03	/
3	LTE Band30	27710	2310	25RB-Low	Rear	0mm	0.872	0.841	1.04	/
3	LTE Band30	27710	2310	50RB	Rear	0mm	0.802	0.782	1.03	/

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Original SAR 1g (W/kg)	First Repeated SAR 1g (W/kg)	The Ratio	Second Repeated SAR 1g (W/kg)
0	Body	N5	167300	846.5	DFT-s-OFDM QPSK	Rear	0mm	1.050	1.030	1.02	/
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	0mm	1.040	1.020	1.02	/
0	Body	N5	167300	826.5	DFT-s-OFDM QPSK	Rear	0mm	1.010	0.982	1.03	/
0	Body	N5	167300	836.5	CP-OFDM 16QAM	Rear	0mm	0.971	0.951	1.02	/
5	Body	n48	646332	3694.98	DFT-s-OFDM QPSK	Top	0mm	0.885	0.874	1.01	/
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Top	0mm	0.863	0.841	1.03	/
5	Body	n48	641666	3624.99	CP-OFDM QPSK	Top	0mm	0.815	0.785	1.04	/

13 Simultaneous TX SAR Considerations

13.1 Transmit Antenna Separation Distances

The detail for transmit antenna separation distances is described in the additional document:
Appendix to test report No.25T04Z100699-016
The photos of SAR test

13.2 SAR Measurement Positions

According to the KDB941225 D06 Hot Spot SAR, the edges with less than 2.5 cm distance to the antennas need to be tested for SAR.

Antenna/Sensor-to- DUT sides separation distances					
Mode	Rear	Left edge	Right edge	Top edge	Bottom edge
Ant.0	<25mm	>25mm	<25mm	<25mm	>25mm
Ant.2	<25mm	<25mm	>25mm	>25mm	<25mm
Ant.3	<25mm	>25mm	<25mm	<25mm	>25mm
Ant.5	<25mm	<25mm	>25mm	<25mm	>25mm
Ant.7	<25mm	<25mm	>25mm	<25mm	>25mm

13.3 Simultaneous Transmission

13.3.1 Introduction

The following procedures adopted from “FCC SAR Considerations for Cell Phones with Multiple Transmitters” are applicable to handsets with built-in unlicensed transmitters such as WLAN and Bluetooth devices which may simultaneously transmit with the licensed transmitter. KDB 447498 D01 provides two procedures for determining simultaneous transmission SAR test exclusion: Sum of SAR and SAR to Peak Location Ratio (SPLSR)

13.3.2 Sum of SAR

To qualify for simultaneous transmission SAR test exclusion based upon Sum of SAR the sum of the reported standalone SARs for all simultaneously transmitting antennas shall be below the applicable standalone SAR limit. If the sum of the SARs is above the applicable limit then simultaneous transmission SAR test exclusion may still apply if the requirements of the SAR to Peak Location Ratio (SPLSR) evaluation are met.

13.3.3 SAR to Peak Location Ratio (SPLSR)

KDB 447498 D01 General RF Exposure Guidance explains how to calculate the SAR to Peak Location Ratio (SPLSR) between pairs of simultaneously transmitting antennas:

$SPLSR = (SAR1 + SAR2)^{1.5} / Ri$

Where:

SAR1 is the highest reported or estimated SAR for the first of a pair of simultaneous transmitting antennas, in a specific test operating mode and exposure condition.

SAR2 is the highest reported or estimated SAR for the second of a pair of simultaneous transmitting antennas, in the same test operating mode and exposure condition as the first .

Ri is the separation distance between the pair of simultaneous transmitting antennas. When the SAR is measured, for both antennas in the pair, it is determined by the actual x, y and z coordinates in the 1-g SAR for each SAR peak location, based on the extrapolated and interpolated result in the zoom scan measurement, using the formula of

$[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$

In order for a pair of simultaneous transmitting antennas with the sum of 1-g SAR > 1.6 W/kg to qualify for exemption from Simultaneous Transmission SAR measurements, it has to satisfy the condition of:

$(SAR1 + SAR2)^{1.5} / Ri \leqslant 0.04$

When an individual antenna transmits at on two bands simultaneously, the sum of the highest reported SAR for the frequency bands should be used to determine SAR1 or SAR2. When SPLSR is necessary, the smallest distance between the peak SAR locations for the antenna pair with respect to the peaks from each antenna should be used.

13.3.4 Simultaneous Transmission Capabilities

The simultaneous transmission possibilities for this device are listed as below:

Capable Transmit Conf igurations	Head	Body	Product Specific 10-g (0mm)
WWAN + BT	Yes	Yes	Yes
WWAN + Wi-Fi 2.4G	Yes	Yes	Yes
WWAN + Wi-Fi 5G	Yes	Yes	Yes
WWAN + Wi-Fi 5G+BT	Yes	Yes	Yes

Note:

1. The reported SAR summation is calculated based on the same configuration and test position.
2. For the devices edges with antennas more than 2.5 cm from edge are not required to be evaluated for SAR, we determined the SAR of this edges were less than 0.01. For the convenience of simultaneous transmission calculation, all SAR values less than 0.01 are uniformly written as 0.00

13.3.5 Evaluation of Simultaneous

The sum of reported SAR values for 2/3/4G +WiFi+BT

Test Postition / SAR 1g(W/kg)		ANT0 GSM850	ANT0 GSM1900	ANT0 WCDMA850	ANT0 WCDMA1700	ANT0 WCDMA1900	ANT0 LTE B2	ANT0 LTE B5	ANT3 LTE B7	ANT0 LTE B12	ANT0 LTE B13	ANT0 LTE B14	ANT0 LTE B25	ANT0 LTE B26	ANT3 LTE B30	ANT3 LTE B41_PC2	ANT3 LTE B41_PC3	ANT5 LTE B48	ANT0 LTE B66	ANT0 LTE B71	MAX. SAR 1g
Body	Rear 0mm	1.08	0.28	0.97	0.73	0.39	0.72	1.16	0.92	0.91	1.18	0.87	0.79	1.16	1.10	0.68	0.48	0.61	0.87	0.68	1.18
	Left 0mm																	0.10			0.10
	Right 0mm	0.39	0.36	0.23	0.37	0.31	0.59	0.28	0.31	0.11	0.80	0.28	0.58	0.20	0.54	0.21	0.16		0.55	0.03	0.80
	Top 0mm	0.86	0.58	0.62	0.41	0.83	1.06	0.62	0.14	0.91	0.80	0.75	1.13	0.33	0.10	0.07	0.06	0.59	0.54	0.87	1.13
	Rear 19mm	0.33	0.21	0.22	0.26	0.22	0.33	0.33	0.40	0.14	0.37	0.30	0.25	0.26	0.28	0.28	0.22	0.35	0.32	0.11	0.40
	Left 24mm																	0.29			
	Right 19mm	0.12	0.21	0.07	0.16	0.19	0.26	0.06	0.30	0.00	0.07	0.07	0.21	0.06	0.16	0.20	0.14		0.21	0.00	0.30
	Top 19mm	0.26	0.01	0.18	0.13	0.16	0.23	0.30		0.12	0.22	0.18	0.18	0.19					0.17	0.07	0.30
	Top 34mm	0.26	0.01	0.18	0.13	0.16	0.23	0.30	0.08	0.12	0.22	0.18	0.18	0.19	0.06	0.70	0.53	0.31			0.70

Test Postition / SAR 1g(W/kg)		1 WWAN	2 WIFI2.4G	3 WIFI5G	4 BT
Body	Rear 0mm	1.18	0.22	0.12	0.23
	Left 0mm	0.10	0.04	0.16	0.07
	Right 0mm	0.80			
	Top 0mm	1.13	0.05	0.04	0.06
	Rear 19mm	0.40	0.17	0.16	0.00
	Left 24mm	0.00	0.00	0.40	0.07
	Right 19mm	0.30			
	Top 19mm	0.30	0.10	0.34	0.06
	Top 34mm	0.70	0.10	0.34	0.06

Test Postition / SAR 1g(W/kg)		simultaneous transmission 1+2	simultaneous transmission 1+3+4
Body	Rear 0mm	1.40	1.53
	Left 0mm	0.14	0.33
	Right 0mm	0.80	0.80
	Top 0mm	1.18	1.23
	Rear 19mm	0.57	0.56
	Left 24mm	0.00	0.47
	Right 19mm	0.30	0.30
	Top 19mm	0.40	0.70
	Top 34mm	0.80	1.10

The sum of reported SAR values for NR SA +WiFi

Test Postition / SAR 10g(W/kg)		ANT0 N2	ANT0 N5	ANT0 N12	ANT0 N14	ANT0 N25	ANT3 N30	ANT3 N41	ANT5 N48	ANT0 N66	ANT0 N71	ANT5 N77-L	ANT5 N77-H	MAX. SAR 10g
Body	Rear 0mm	0.61	1.14	1.03	0.82	0.61	0.83	1.05	0.74	0.65	1.00	0.28	0.42	1.14
	Left 0mm								0.00					0.00
	Right 0mm	0.36	0.17	0.11	0.26	0.35	0.25	0.17		0.48	0.10	0.00	0.00	0.48
	Top 0mm	0.88	0.63	0.89	0.53	0.89	0.10	0.10	0.95	0.41	1.00	0.64	0.73	1.00
	Rear 19mm	0.29	0.37	0.15	0.37	0.35	0.38	0.78		0.50	0.17			0.78
	Rear 34mm								0.49			0.76	0.47	
	Left 24mm								0.14			0.23	0.19	
	Right 19mm	0.40	0.08	0.00	0.08	0.39	0.22	0.60		0.47	0.00			0.60
	Top 19mm	0.27	0.28	0.14	0.26	0.30	0.06			0.21	0.11			0.30
	Top 34mm							0.13	0.48			0.77	0.53	0.77

Test Postition / SAR 10g(W/kg)		1 WWAN	2 WIFI2.4G	3 WIFI5G	4 BT
Body	Rear 0mm	1.14	0.22	0.12	0.23
	Left 0mm	0.00	0.04	0.16	0.07
	Right 0mm	0.48			
	Top 0mm	1.00	0.05	0.04	0.06
	Rear 19mm	0.78	0.17	0.16	0.00
	Rear 34mm			0.16	0.00
	Left 24mm	0.00	0.00	0.40	0.07
	Right 19mm	0.60			
	Top 19mm	0.30	0.10	0.34	0.06
	Top 34mm	0.77	0.10	0.34	0.06

Test Postition / SAR 10g(W/kg)		simultaneous transmission 1+2	simultaneous transmission 1+3+4
Body	Rear 0mm	1.36	1.49
	Left 0mm	0.04	0.23
	Right 0mm	0.48	0.48
	Top 0mm	1.05	1.10
	Rear 19mm	0.95	0.94
	Rear 34mm		
	Left 24mm	0.00	0.47
	Right 19mm	0.60	0.60
	Top 19mm	0.40	0.70
	Top 34mm	0.87	1.17

The sum of reported SAR values for ENDC +WiFi

Test Postition	SAR 1g(W/kg)	ENDC NR	ENDC-LTE								
		N2 ANT2	LTEB2 ANT0	LTEB13 ANT0	LTEB14 ANT0	LTEB66 ANT0					SUM
Body	Rear 0mm	0.57	0.37	0.62	0.54	0.45					1.19
	Left 0mm	0.16									0.16
	Right 0mm		0.18	0.20	0.17	0.29					0.29
	Top 0mm		0.50	0.43	0.40	0.20					0.50
	Bottom 0mm	0.29									0.29
	Rear 19mm	0.45	0.33	0.37	0.30	0.32					0.82
	Rear 34mm										0.00
	Left 24mm	0.34									0.34
	Right 19mm		0.26	0.07	0.07	0.21					0.26
	Top 19mm		0.23	0.22	0.18	0.17					0.23
	Top 34mm										0.00
	Bottom 19mm	0.16									0.16

Test Postition	SAR 1g(W/kg)	ENDC NR	ENDC-LTE								
		N2 ANT0	LTEB5 ANT0	LTEB12 ANT0	LTEB30 ANT3						SUM
Body	Rear 0mm	0.29	0.57	0.42	0.53						0.86
	Left 0mm										0.00
	Right 0mm	0.15	0.16	0.06	0.26						0.41
	Top 0mm	0.46	0.38	0.45	0.00						0.91
	Bottom 0mm										0.00
	Rear 19mm	0.29	0.33	0.14	0.28						0.62
	Rear 34mm										0.00
	Left 24mm										0.00
	Right 19mm	0.40	0.06	0.00	0.16						0.56
	Top 19mm	0.27	0.30	0.12							0.57
	Top 34mm	0.27			0.06						0.33
	Bottom 19mm										0.00

Test Postition	SAR 1g(W/kg)	ENDC NR	ENDC-LTE								
		N5 ANT0	LTEB2 ANT0	LTEB30 ANT3	LTEB66 ANT2						SUM
Body	Rear 0mm	0.59	0.37	0.53	0.45						1.12
	Left 0mm				0.27						0.27
	Right 0mm	0.10	0.18	0.26							0.36
	Top 0mm	0.34	0.50	0.00							0.84
	Bottom 0mm				0.25						0.25
	Rear 19mm	0.37	0.33	0.28	0.37						0.74
	Rear 34mm										0.00
	Left 24mm				0.48						0.48
	Right 19mm	0.08	0.26	0.16							0.34
	Top 19mm	0.28	0.23								0.51
	Top 34mm	0.28		0.06							0.34
	Bottom 19mm				0.22						0.22

Test Postition	SAR 1g(W/kg)	ENDC NR	ENDC-LTE								
		N25 ANT2	LTEB66 ANT0								SUM
Body	Rear 0mm	0.56	0.45								1.01
	Left 0mm	0.52									0.52
	Right 0mm		0.29								0.29
	Top 0mm		0.20								0.20
	Bottom 0mm	0.29									0.29
	Rear 19mm	0.38	0.32								0.70
	Rear 34mm										0.00
	Left 24mm	0.40									0.40
	Right 19mm		0.21								0.21
	Top 19mm		0.17								0.17
	Top 34mm										0.00
	Bottom 19mm	0.19									0.19

Test Postition	SAR 1g(W/kg)	ENDC NR	ENDC-LTE								
		N30 ANT3	LTEB2 ANT0	LTEB5 ANT0	LTEB12 ANT0	LTEB14 ANT0	LTEB66 ANT0				SUM
Body	Rear 0mm	0.42	0.37	0.57	0.42	0.54	0.45				0.99
	Left 0mm										0.00
	Right 0mm	0.13	0.18	0.16	0.06	0.17	0.29				0.42
	Top 0mm	0.00	0.50	0.38	0.45	0.40	0.20				0.50
	Bottom 0mm										0.00
	Rear 19mm	0.38	0.33	0.33	0.14	0.30	0.32				0.71
	Rear 34mm										0.00
	Left 24mm										0.00
	Right 19mm	0.22	0.26	0.06	0.00	0.07	0.21				0.48
	Top 19mm		0.23	0.30	0.12	0.18	0.17				0.30
	Top 34mm	0.06	0.23	0.30	0.12	0.18	0.17				0.36
	Bottom 19mm										0.00

Test Position / SAR 1g(W/kg)		ENDC NR	ENDC-LTE							
		N66 ANT2	LTEB5 ANT0	LTEB13 ANT0	LTEB14 ANT0	LTEB66 ANT0				SUM
Body	Rear 0mm	0.39	0.57	0.62	0.54	0.45				1.01
	Left 0mm	0.22								0.22
	Right 0mm		0.16	0.20	0.17	0.29				0.29
	Top 0mm		0.38	0.43	0.40	0.20				0.43
	Bottom 0mm	0.16								0.16
	Rear 19mm	0.34	0.33	0.37	0.30	0.32				0.71
	Rear 34mm									0.00
	Left 24mm	0.30								0.30
	Right 19mm		0.06	0.07	0.07	0.21				0.21
	Top 19mm		0.30	0.22	0.18	0.17				0.30
	Top 34mm									0.00
	Bottom 19mm	0.17								0.17

Test Position / SAR 1g(W/kg)		ENDC NR	ENDC-LTE							
		N66 ANT0	LTEB2 ANT2	LTEB7 ANT3	LTEB12 ANT0	LTEB30 ANT3				SUM
Body	Rear 0mm	0.28	0.48	0.53	0.42	0.53				0.81
	Left 0mm		0.16							0.16
	Right 0mm	0.21		0.20	0.06	0.26				0.47
	Top 0mm	0.18		0.08	0.45	0.00				0.63
	Bottom 0mm		0.25							0.25
	Rear 19mm	0.50	0.44	0.40	0.14	0.28				0.94
	Rear 34mm									0.00
	Left 24mm		0.43							0.43
	Right 19mm	0.47		0.30	0.00	0.16				0.77
	Top 19mm	0.21			0.12					0.33
	Top 34mm	0.21		0.08		0.06				0.29
	Bottom 19mm		0.12							0.12

Test Position / SAR 1g(W/kg)		ENDC NR	ENDC-LTE							
		N41 ANT3	LTEB2 ANT2	LTEB66 ANT2						SUM
Body	Rear 0mm	0.42	0.48	0.45						0.90
	Left 0mm		0.16	0.27						0.27
	Right 0mm	0.09								0.09
	Top 0mm	0.00								0.00
	Bottom 0mm		0.25	0.25						0.25
	Rear 19mm	0.78	0.44	0.37						1.22
	Rear 34mm									0.00
	Left 24mm		0.43	0.48						0.48
	Right 19mm	0.60								0.60
	Top 19mm									0.00
	Top 34mm	0.13								0.13
	Bottom 19mm		0.12	0.22						0.22

Test Position / SAR 1g(W/kg)		ENDC NR	ENDC-LTE							
		N71 ANT0	LTEB2 ANT0	LTEB66 ANT0						SUM
Body	Rear 0mm	0.38	0.37	0.45						0.83
	Left 0mm									0.00
	Right 0mm	0.04	0.18	0.29						0.33
	Top 0mm	0.44	0.50	0.20						0.94
	Bottom 0mm									0.00
	Rear 19mm	0.17	0.33	0.32						0.50
	Rear 34mm									0.00
	Left 24mm									0.00
	Right 19mm	0.00	0.26	0.21						0.26
	Top 19mm	0.11	0.23	0.17						0.34
	Top 34mm									0.00
	Bottom 19mm									0.00

Test Position / SAR 1g(W/kg)		ENDC NR	ENDC-LTE							
		N77-L ANT5	LTEB2 ANT2	LTEB5 ANT0	LTEB7 ANT3	LTEB12 ANT0	LTEB13 ANT0	LTEB14 ANT0	LTEB30 ANT3	LTEB66 ANT2	SUM
Body	Rear 0mm	0.20	0.48	0.57	0.53	0.42	0.62	0.54	0.53	0.45	0.82
	Left 0mm	0.00	0.16							0.27	0.27
	Right 0mm			0.16	0.20	0.06	0.20	0.17	0.26		0.26
	Top 0mm	0.31		0.38	0.08	0.45	0.43	0.40	0.00		0.76
	Bottom 0mm		0.25							0.25	0.25
	Rear 19mm	0.76	0.44	0.33	0.40	0.14	0.37	0.30	0.28	0.37	1.20
	Rear 34mm	0.76									0.76
	Left 24mm	0.23	0.43							0.48	0.71
	Right 19mm			0.06	0.30	0.00	0.07	0.07	0.16		0.30
	Top 19mm	0.77		0.30		0.12	0.22	0.18			1.07
	Top 34mm	0.77			0.08				0.06		0.85
	Bottom 19mm		0.12							0.22	0.22

Test Position / SAR 1g(W/kg)		ENDC NR	ENDC-LTE							
		N77-H ANT5	LTEB2 ANT2	LTEB5 ANT0	LTEB7 ANT3	LTEB12 ANT0	LTEB13 ANT0	LTEB14 ANT0	LTEB30 ANT3	LTEB66 ANT2	SUM
Body	Rear 0mm	0.42	0.48	0.57	0.53	0.42	0.62	0.54	0.53	0.45	1.04
	Left 0mm	0.00	0.16							0.27	0.27
	Right 0mm			0.16	0.20	0.06	0.20	0.17	0.26		0.26
	Top 0mm	0.73		0.38	0.08	0.45	0.43	0.40	0.00		1.18
	Bottom 0mm		0.25							0.25	0.25
	Rear 19mm	0.47	0.44	0.33	0.40	0.14	0.37	0.30	0.28	0.37	0.91
	Rear 34mm	0.47									0.47
	Left 24mm	0.19	0.43							0.48	0.67
	Right 19mm			0.06	0.30	0.00	0.07	0.07	0.16		0.30
	Top 19mm	0.53		0.30		0.12	0.22	0.18			0.83
	Top 34mm	0.53			0.08				0.06		0.61
	Bottom 19mm		0.12							0.22	0.22

Test Postition / SAR 1g(W/kg)		1	2	3	4
		WWAN	WIFI2.4G	WIFI5G	BT
Body	Rear 0mm	1.19	0.22	0.12	0.23
	Left 0mm	0.52	0.04	0.16	0.07
	Right 0mm	0.47			
	Top 0mm	1.18	0.05	0.04	0.06
	Bottom 0mm	0.29			
	Rear 19mm	1.22	0.17	0.16	0.00
	Rear 34mm	0.76		0.16	0.00
	Left 24mm	0.71	0.00	0.40	0.07
	Right 19mm	0.77			
	Top 19mm	1.07	0.10	0.34	0.06
	Top 34mm	0.85	0.10	0.34	0.06
	Bottom 19mm	0.22			

Test Postition / SAR 1g(W/kg)		simultaneous transmission		MAX. SAR 10g
		1+2	1+3+4	
Body	Rear 0mm	1.41	1.54	1.54
	Left 0mm	0.56	0.75	0.75
	Right 0mm	0.47	0.47	0.47
	Top 0mm	1.23	1.28	1.28
	Bottom 0mm	0.29	0.29	0.29
	Rear 19mm	1.39	1.38	1.39
	Rear 34mm	0.76	0.92	0.92
	Left 24mm	0.71	1.18	1.18
	Right 19mm	0.77	0.77	0.77
	Top 19mm	1.17	1.47	1.47
	Top 34mm	0.95	1.25	1.25
	Bottom 19mm	0.22	0.22	0.22

The sum of reported SAR values for ULCA_LTE +WiFi

Test Postition / SAR 10g(W/kg)		LTE-ULCA				
		LTEB13 ANT0	LTEB2 ANT2			SUM
Body	Rear 0mm	0.62	0.48			1.10
	Left 0mm		0.16			0.16
	Right 0mm	0.20				0.20
	Top 0mm	0.43				0.43
	Bottom 0mm		0.25			0.25
	Rear 19mm	0.37	0.44			0.81
	Rear 34mm					0.00
	Left 24mm		0.43			0.43
	Right 19mm	0.07				0.07
	Top 19mm	0.22				0.22
	Top 34mm					0.00
	Bottom 19mm		0.12			0.12

Test Postition / SAR 10g(W/kg)		LTE-ULCA				
		LTEB5 ANT0	LTEB2 ANT0			SUM
Body	Rear 0mm	0.57	0.37			0.94
	Left 0mm					0.00
	Right 0mm	0.16	0.18			0.34
	Top 0mm	0.38	0.50			0.88
	Bottom 0mm					0.00
	Rear 19mm	0.33	0.33			0.66
	Rear 34mm					0.00
	Left 24mm					0.00
	Right 19mm	0.06	0.26			0.32
	Top 19mm	0.30	0.23			0.53
	Top 34mm					0.00
	Bottom 19mm					0.00

Test Postition / SAR 10g(W/kg)		LTE-ULCA				
		LTEB12 ANT0	LTEB2 ANT0			SUM
Body	Rear 0mm	0.42	0.37			0.79
	Left 0mm					0.00
	Right 0mm	0.06	0.18			0.24
	Top 0mm	0.45	0.50			0.95
	Bottom 0mm					0.00
	Rear 19mm	0.14	0.33			0.47
	Rear 34mm					0.00
	Left 24mm					0.00
	Right 19mm	0.00	0.26			0.26
	Top 19mm	0.12	0.23			0.35
	Top 34mm					0.00
	Bottom 19mm					0.00

Test Postition / SAR 10g(W/kg)		LTE-ULCA				
		LTEB66 ANT2	LTEB5 ANT0	LTEB13 ANT0	LTEB14 ANT0	SUM
Body	Rear 0mm	0.45	0.57	0.62	0.54	1.07
	Left 0mm	0.27				0.27
	Right 0mm		0.16	0.20	0.17	0.20
	Top 0mm		0.38	0.43	0.40	0.43
	Bottom 0mm	0.25				0.25
	Rear 19mm	0.37	0.33	0.37	0.30	0.74
	Rear 34mm					0.00
	Left 24mm	0.48				0.48
	Right 19mm		0.06	0.07	0.07	0.07
	Top 19mm		0.30	0.22	0.18	0.30
	Top 34mm					0.00
	Bottom 19mm	0.22				0.22

Test Postition / SAR 10g(W/kg)		LTE-ULCA				
		LTEB66 ANT0	LTEB2 ANT2	LTEB12 ANT0		SUM
Body	Rear 0mm	0.45	0.48	0.42		0.93
	Left 0mm		0.16			0.16
	Right 0mm	0.29		0.06		0.35
	Top 0mm	0.20		0.45		0.65
	Bottom 0mm		0.25			0.25
	Rear 19mm	0.32	0.44	0.14		0.76
	Rear 34mm					0.00
	Left 24mm		0.43			0.43
	Right 19mm	0.21		0.00		0.21
	Top 19mm	0.17		0.12		0.29
	Top 34mm					0.00
	Bottom 19mm		0.12			0.12

Test Postition / SAR 10g(W/kg)		1	2	3	4	
		WWAN	WIFI2.4G	WIFI5G	BT	
Body	Rear 0mm	1.100	0.22	0.12	0.23	
	Left 0mm	0.270	0.04	0.16	0.07	
	Right 0mm	0.350				
	Top 0mm	0.950	0.05	0.04	0.06	
	Bottom 0mm	0.250				
	Rear 19mm	0.810	0.17	0.16	0.00	
	Rear 34mm	0.000	0.17	0.16	0.00	
	Left 24mm	0.480	0.00	0.40	0.07	
	Right 19mm	0.320				
	Top 19mm	0.530	0.10	0.34	0.06	
	Top 34mm	0.000	0.10	0.34	0.06	
	Bottom 19mm	0.220				

Test Postition / SAR 10g(W/kg)		simultaneous transmission		MAX. SAR 10g		
		1+2	1+3+4			
Body	Rear 0mm	1.32	1.45	1.45		
	Left 0mm	0.31	0.50	0.50		
	Right 0mm	0.35	0.35	0.35		
	Top 0mm	1.00	1.05	1.05		
	Bottom 0mm	0.25	0.25	0.25		
	Rear 19mm	0.98	0.97	0.98		
	Rear 34mm	0.17	0.16	0.17		
	Left 24mm	0.48	0.95	0.95		
	Right 19mm	0.32	0.32	0.32		
	Top 19mm	0.63	0.93	0.93		
	Top 34mm	0.10	0.40	0.40		
	Bottom 19mm	0.22	0.22	0.22		

Conclusion:

According to the above tables, the sum of reported SAR values is<1.6W/kg. So the simultaneous transmission SAR with volume scans is not required.

14 Measurement Uncertainty

14.1 Measurement Uncertainty for Normal SAR Tests (300MHz~3GHz)

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	6.0	N	1	1	1	6.0	6.0	∞
2	Isotropy	B	4.7	R	$\sqrt{3}$	0.7	0.7	1.9	1.9	∞
3	Boundary effect	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
4	Linearity	B	4.7	R	$\sqrt{3}$	1	1	2.7	2.7	∞
5	Detection limit	B	1.0	N	1	1	1	0.6	0.6	∞
6	Readout electronics	B	0.3	R	$\sqrt{3}$	1	1	0.3	0.3	∞
7	Response time	B	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
8	Integration time	B	2.6	R	$\sqrt{3}$	1	1	1.5	1.5	∞
9	RF ambient conditions-noise	B	0	R	$\sqrt{3}$	1	1	0	0	∞
10	RFambient conditions-reflection	B	0	R	$\sqrt{3}$	1	1	0	0	∞
11	Probe positioned mech. restrictions	B	0.4	R	$\sqrt{3}$	1	1	0.2	0.2	∞
12	Probe positioning with respect to phantom shell	B	2.9	R	$\sqrt{3}$	1	1	1.7	1.7	∞
13	Post-processing	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
Test sample related										
14	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	71
15	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
16	Drift of output power	B	5.0	R	$\sqrt{3}$	1	1	2.9	2.9	∞
Phantom and set-up										
17	Phantom uncertainty	B	4.0	R	$\sqrt{3}$	1	1	2.3	2.3	∞
18	Liquid conductivity (target)	B	5.0	R	$\sqrt{3}$	0.64	0.43	1.8	1.2	∞
19	Liquid conductivity (meas.)	A	2.06	N	1	0.64	0.43	1.32	0.89	43
20	Liquid permittivity (target)	B	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.4	∞
21	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	1.0	0.8	521

Combined standard uncertainty	$u_c^{'} = \sqrt{\sum_{i=1}^{21} c_i^2 u_i^2}$					9.55	9.43	257
Expanded uncertainty (confidence interval of 95 %)	$u_e = 2u_c$					19.1	18.9	

14.2 Measurement Uncertainty for Normal SAR Tests (3~6GHz)

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	6.55	N	1	1	1	6.55	6.55	∞
2	Isotropy	B	4.7	R	√3	0.7	0.7	1.9	1.9	∞
3	Boundary effect	B	2.0	R	√3	1	1	1.2	1.2	∞
4	Linearity	B	4.7	R	√3	1	1	2.7	2.7	∞
5	Detection limit	B	1.0	R	√3	1	1	0.6	0.6	∞
6	Readout electronics	B	0.3	R	√3	1	1	0.3	0.3	∞
7	Response time	B	0.8	R	√3	1	1	0.5	0.5	∞
8	Integration time	B	2.6	R	√3	1	1	1.5	1.5	∞
9	RF ambient conditions-noise	B	0	R	√3	1	1	0	0	∞
10	RFambient conditions-reflection	B	0	R	√3	1	1	0	0	∞
11	Probe positioned mech. restrictions	B	0.8	R	√3	1	1	0.5	0.5	∞
12	Probe positioning with respect to phantom shell	B	6.7	R	√3	1	1	3.9	3.9	∞
13	Post-processing	B	4.0	R	√3	1	1	2.3	2.3	∞
Test sample related										
14	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	71
15	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
16	Drift of output power	B	5.0	R	√3	1	1	2.9	2.9	∞
Phantom and set-up										
17	Phantom uncertainty	B	4.0	R	√3	1	1	2.3	2.3	∞
18	Liquid conductivity (target)	B	5.0	R	√3	0.64	0.43	1.8	1.2	∞
19	Liquid conductivity (meas.)	A	2.06	N	1	0.64	0.43	1.32	0.89	43
20	Liquid permittivity (target)	B	5.0	R	√3	0.6	0.49	1.7	1.4	∞

21	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	1.0	0.8	521
Combined standard uncertainty		$u_c^{'} = \sqrt{\sum_{i=1}^{21} c_i^2 u_i^2}$						10.7	10.6	257
Expanded uncertainty (confidence interval of 95 %)		$u_e = 2u_c$						21.4	21.1	

15 MAIN TEST INSTRUMENTS

Table 15.1: List of Main Instruments

No.	Name	Type	Serial Number	Calibration Date	Valid Period
01	Network analyzer	N5239A	MY55491241	May 15, 2025	One year
02	Power sensor	NRP50S	101488	May 30, 2025	One year
03	Power sensor	NRP50S	101489		
04	Signal Generator	E4438C	MY49071430	December 19 2024	One Year
05	Amplifier	60S1G4	0331848	No Calibration Requested	
06	BTS	CMW500	172116	April 2, 2025	One year
07	DAE	DAE4	1331	September 13,2024	One year
08	E-field Probe	EX3DV4	3617	April 11, 2025	One year
09	Dipole Validation Kit	D750V3	1017	July 9,2024	One year
10	Dipole Validation Kit	D835V2	4d069	July 9,2024	One year
11	Dipole Validation Kit	D1750V2	1003	July 11,2024	One year
12	Dipole Validation Kit	D1900V2	5d101	July 8,2024	One year
13	Dipole Validation Kit	D2300V2	1018	July 10,2024	One year
14	Dipole Validation Kit	D2450V2	853	July 10,2024	One year
15	Dipole Validation Kit	D2600V2	1012	July 10,2024	One year
16	Dipole Validation Kit	D3300V2	1011	June 13,2024	One year
17	Dipole Validation Kit	D3500V2	1016	June 13,2024	One year
18	Dipole Validation Kit	D3700V2	1004	June 13,2024	One year
19	Dipole Validation Kit	D3900V2	1024	June 14,2024	One year
20	Dipole Validation Kit	D5GHzV2	1060	June 12,2024	One year

END OF REPORT BODY

Appendixes

Refer to separated files for the following appendixes

ANNEX A Graph Results

ANNEX B **System Verification Results**

ANNEX C SAR Measurement Setup

ANNEX D Position of the wireless device in relation to the phantom

ANNEX E Equivalent Media Recipes

ANNEX F System Validation

ANNEX G Probe Calibration Certificate

ANNEX H Dipole Calibration Certificate

ANNEX I Sensor Triggering Data Summary

ANNEX J Accreditation Certificate