SAR TEST REPORT

No. 24T04Z200299-005

For

Samsung Electronics Co., Ltd.

Multi-band GSM/WCDMA/LTE/5GNR Mobile Phone with Bluetooth,WLAN

Model Name: SM-A066M/DS,SM-A066M

FCC ID: ZCASMA066M

with

Hardware Version: REV1.0

Software Version: A066M.001

Issued Date: 2025-1-6

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

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REPORT HISTORY

Report Number	Revision	Issue Date	Description
24T04Z200299-005	Rev.0	2025-1-6	Initial creation of test report

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:	15-35℃
Extreme Temperature:	-10/+55℃
Relative Humidity:	20-75%

1.4 Project data

Testing Start Date:	2024-12-5
Testing End Date:	2024-12-27

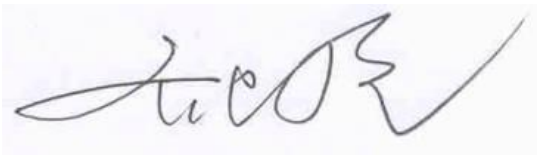
1.5 Signature

Yao Juming

(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 Samsung Electronics Co., Ltd. Multi-band GSM/WCDMA/LTE/5GNR Mobile Phone with Bluetooth,WLAN SM-A066M/DS,SM-A066M are as follows:

Table 2.1: Highest Reported SAR (1g)

Technology Band	Antenna	Head (Separation Distance 0mm)	Body-Worn (Separation Distance 5mm)	Hotspot (Separation Distance 10mm)	Phablet SAR(10g) (Separation Distance 0mm)	Equipment Class
GSM850	0	**0.45**	**0.84**	**0.36**	\	PCE
GSM1900	0	**0.10**	**0.78**	**0.44**	\	
WCDMA1900	1	**0.14**	**0.94**	**0.58**	\	
WCDMA1700	1	**0.10**	**1.05**	**0.53**	\	
WCDMA 850	1	**0.26**	**0.88**	**0.32**	\	
LTE Band2	0	**0.14**	**1.17**	**0.71**	\	
LTE Band4	0	**0.11**	**1.17**	**0.54**	\	
LTE Band5	0	**0.28**	**0.79**	**0.31**	\	
LTE Band7	1	**0.79**	**1.05**	**0.42**	\	
LTE Band12	0	**0.26**	**1.08**	**0.39**	\	
LTE Band13	0	**0.20**	**1.18**	**0.41**	\	
LTE Band26	0	**0.29**	**1.04**	**0.36**	\	
LTE Band38	1	**0.47**	**1.00**	**0.34**	\	
LTE Band41	1	**0.33**	**0.89**	**0.32**	\	
LTE Band66	0	**0.11**	**1.18**	**0.55**	\	
5G NR n5	0	**0.34**	**0.90**	**0.37**	\	
5G NR n7	1	**0.93**	**0.95**	**0.35**	\	
5G NR n41	1	**1.03**	**1.18**	**0.41**	\	
5G NR n66	0	**0.15**	**1.17**	**0.46**	\	
5G NR n78	5	**1.04**	**0.78**	**0.33**	\	
WLAN 2.4GHz	6	**0.21**	**0.26**	**0.09**	\	DTS
WLAN 5GHz	6	**0.28**	**0.35**	**0.24**	\	NII
BT	6	**0.21**	**0.12**	**0.05**	\	DSS

Remark：

This device supports both LTE B12 and LTE B17.Since the supported frequency span for LTE B17 falls completely within the supports frequency span for LTE B12, both LTE bands have the same target power, and both LTE bands share the same transmission path; therefore, SAR was only assessed for LTE B12.

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 5 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**:**
Head: 1.04 W/kg(1g)
Hotspot: 0.71 W/kg(1g)
Body worn: 1.18 W/kg(1g).

Table 2.2: The sum of SAR values for Main antenna+WiFi5G+BT

	Position	**ENDC-NR**	**ENDC-LTE**	**WiFi-5G**	**BT**	**Sum**
Highest SAR value for Head	Left head, Tilt	1.04 (n77-ANT5)	\	0.28	0.21	**1.53**
Highest SAR value for Body	Rear 5mm	1.18 (n41-ANT1)	\	0.28	0.12	**1.58**
	Rear 5mm	0.48 (n7-ANT1)	0.70 (LTE B66-ANT2)	0.28	0.12	**1.58**

According to the above tables, the highest sum of reported SAR values is **1.58 W/kg (1g)**. The detail for simultaneous transmission consideration is described in chapter 13.

3 Client Information

3.1 Applicant Information

Company Name:	Samsung Electronics Co., Ltd.
Address/Post:	19 Chapin Rd.,Building D Pine Brook, NJ 07058
Contact Person:	Jenni Chun
Contact Email:	j1.chun@samsung.com
Telephone:	+1-201-937-4203
Fax:	N/A

3.2 Manufacturer Information

Company Name:	Samsung Electronics Co., Ltd.
Address/Post:	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
Contact Person:	Kobe Cho
Contact Email:	ggobi.cho@samsung.com
Telephone:	+82 - 10 - 2722 - 4159
Fax:	N/A

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

4.1 About EUT

Description:	Multi-band GSM/WCDMA/LTE/5GNR Mobile Phone with Bluetooth,WLAN
Model name:	SM-A066M/DS,SM-A066M
Operating mode(s):	GSM850/900/1800/1900 WCDMA850/900/1700/1900/2100 LTE Band 1/2/3/4/5/7/8/12/13/17/26/28/38/40/41/66 BT, Wi-Fi(2.4G/5G), NR 5G n1/n3/n5/n7/n28/n41/n66/n78
Tested Tx Frequency:	824 – 849 MHz (GSM 850)
	1850 – 1910 MHz (GSM 1900)
	824 – 849 MHz (WCDMA 850 Band V)
	1710-1755 MHz (WCDMA1700 Band IV)
	1850 – 1910 MHz (WCDMA1900 Band II)
	1850.7 – 1909.3 MHz (LTE Band 2)
	1710.7 – 1754.3 MHz (LTE Band 4)
	824.7 – 848.3 MHz (LTE Band 5)
	2502.5 – 2567.5 MHz (LTE Band 7)
	699.7 – 715.3 MHz (LTE Band 12)
	779.5 –784.5 MHz (LTE Band 13)
	814.7 – 848.3 MHz (LTE Band 26)
	2572.5 –2617.5 MHz (LTE Band 38)
	2498.5 –2687.5 MHz (LTE Band 41)
	1710.7 –1779.3 MHz (LTE Band 66)
	824 – 849 MHz(n5)
	2500 – 2570 MHz (n7)
	2496 – 2690 MHz (n41)
	1710 – 1780 MHz (n66)
	3450– 3550 MHz ,3700– 3800 MHz (n78)
	2412 – 2462 MHz (Wi-Fi 2.4G)
	5180 – 5240 MHz (Wi-Fi 5.2G)
	5260 – 5320 MHz (Wi-Fi 5.3G)
	5500 – 5720 MHz (Wi-Fi 5.5G)
	5745 – 5825 MHz (Wi-Fi 5.8G)
	2400 – 2483.5 MHz (Bluetooth)
GPRS/EGPRS Multislot Class:	12
Test device Production information:	Production unit
Device type:	Portable device
Antenna type:	Integrated antenna
Hotspot mode:	Support

4.2 Internal Identification of EUT used during the test

EUT ID*	IMEI	HW Version	SW Version
EUT1	24T04Z200299UT01a	REV1.0	A066M.001
EUT2	24T04Z200299UT02a	REV1.0	A066M.001
EUT3	24T04Z200299UT16a	REV1.0	A066M.001
EUT4	24T04Z200299UT17a	REV1.0	A066M.001
EUT5	24T04Z200299UT18a	REV1.0	A066M.001
EUT6	24T04Z200299UT19a	REV1.0	A066M.001
EUT7	24T04Z200299UT24a	REV1.0	A066M.001
EUT8	24T04Z200299UT25a	REV1.0	A066M.001
EUT9	24T04Z200299UT26a	REV1.0	A066M.001
EUT10	24T04Z200299UT27a	REV1.0	A066M.001
EUT11	24T04Z200299UT34a	REV1.0	A066M.001
EUT12	24T04Z200299UT35a	REV1.0	A066M.001
EUT13	24T04Z200299UT36a	REV1.0	A066M.001
EUT14	24T04Z200299UT37a	REV1.0	A066M.001

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

Note: It is performed to test SAR with the EUT1-6 and conducted power with the EUT7-14.

4.3 Internal Identification of AE used during the test

AE ID*	Description	Model	SN	Manufacturer
AE1	Battery	HQ-7160NA	/	Ningde Amperex Technology Limited

*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.

5.2 Applicable Measurement Standards

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

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 D01SAR 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

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

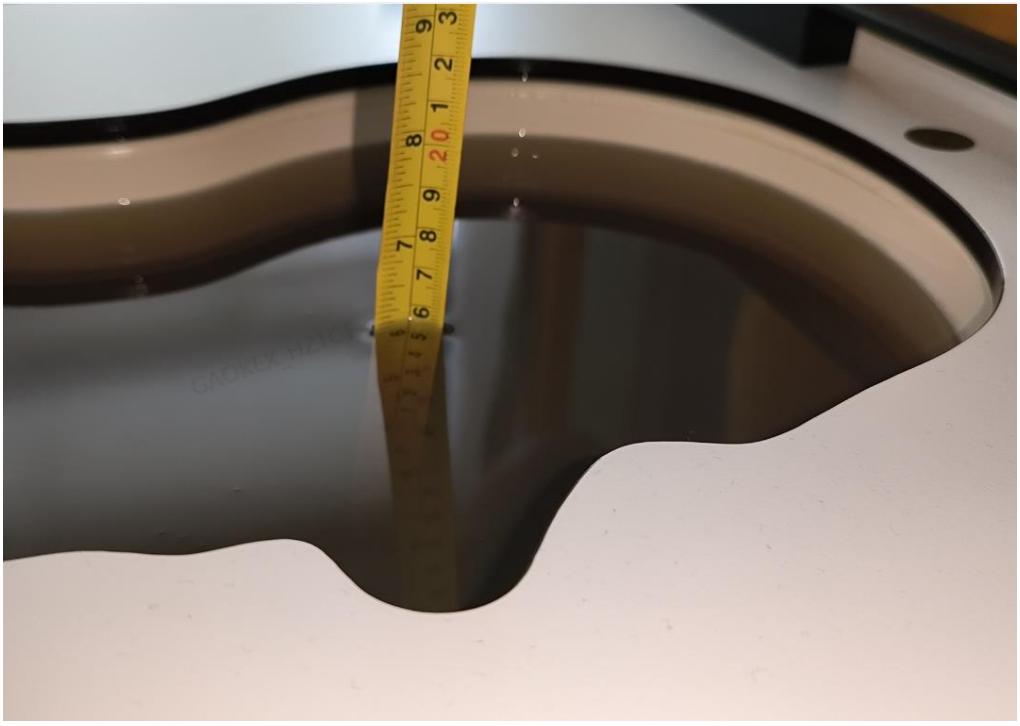
Frequency(MHz)	Liquid Type	Conductivity(σ)	± 5% Range	Permittivity(ε)	± 5% Range
750	Head	0.89	0.85～0.93	41.94	39.8～44.0
835	Head	0.90	0.86～0.95	41.50	39.40～43.60
1800	Head	1.40	1.33～1.47	40.0	38.0～42.0
1900	Head	1.40	1.33～1.47	40.00	38.00～42.00
2300	Head	1.67	1.50～1.84	39.47	37.5～41.4
2450	Head	1.80	1.71～1.89	39.20	37.30～41.10
2600	Head	1.96	1.86～2.06	39.01	37.06～40.96
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
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

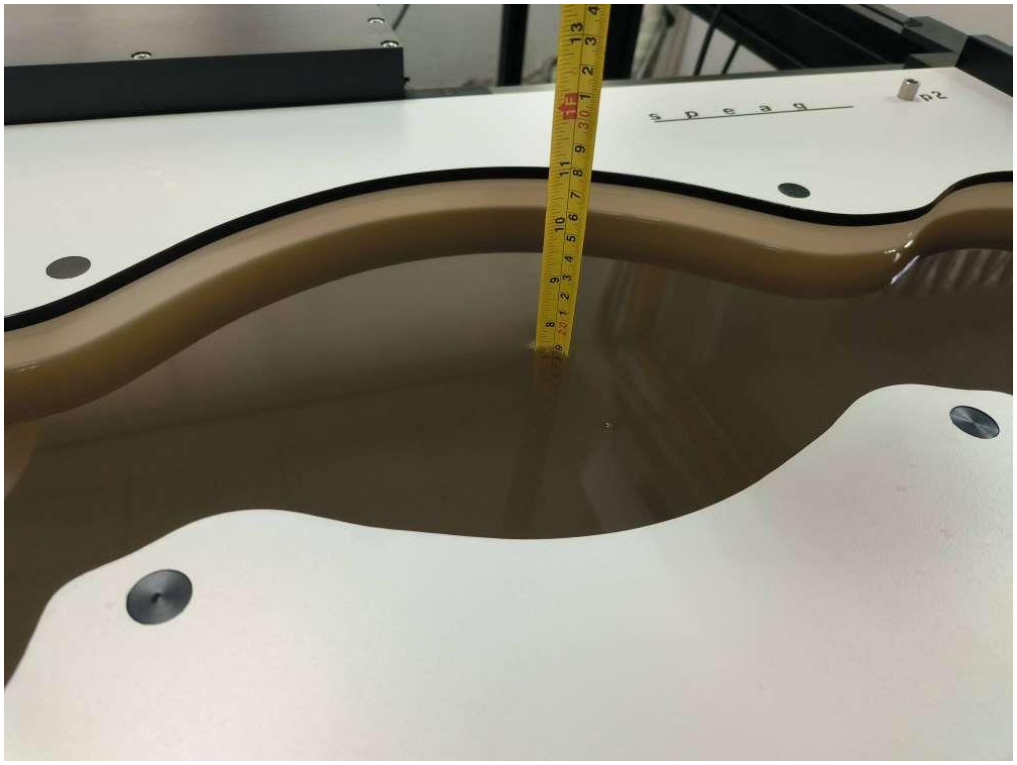
Table 7.2: Dielectric Performance of Tissue Simulating Liquid

Measurement Date (yyyy-mm-dd)	Type	Frequency	Permittivity ε	Drift (%)	Conductivity σ (S/m)	Drift (%)
2024/12/18	Head	750 MHz	41.484	-1.09%	0.882	-0.90%
2024/12/5	Head	835 MHz	41.31	-0.46%	0.923	2.56%
2024/12/7	Head	835 MHz	41.289	-0.51%	0.931	3.44%
2024/12/13	Head	1800 MHz	40.563	1.41%	1.443	3.07%
2024/12/16	Head	1800 MHz	40.42	1.05%	1.432	2.29%
2024/12/9	Head	1900 MHz	38.768	-3.08%	1.347	-3.79%
2024/12/11	Head	1900 MHz	38.89	-2.78%	1.368	-2.29%
2024/12/24	Head	2450 MHz	39.622	1.08%	1.784	-0.89%
2024/12/19	Head	2600 MHz	39.541	1.36%	1.958	-0.10%
2024/12/20	Head	2600 MHz	39.45	1.13%	2.01	2.55%
2024/12/21	Head	3500 MHz	37.665	-0.70%	2.841	-2.37%
2024/12/22	Head	3700 MHz	37.248	-1.20%	3.021	-3.17%
2024/12/25	Head	5250 MHz	36.922	2.76%	4.744	0.72%
2024/12/26	Head	5600 MHz	36.478	2.67%	4.96	-2.17%
2024/12/27	Head	5750 MHz	36.223	2.44%	5.074	-2.80%

Note: The liquid temperature is 22.0℃



Picture 7-1 Liquid depth in the Head Phantom

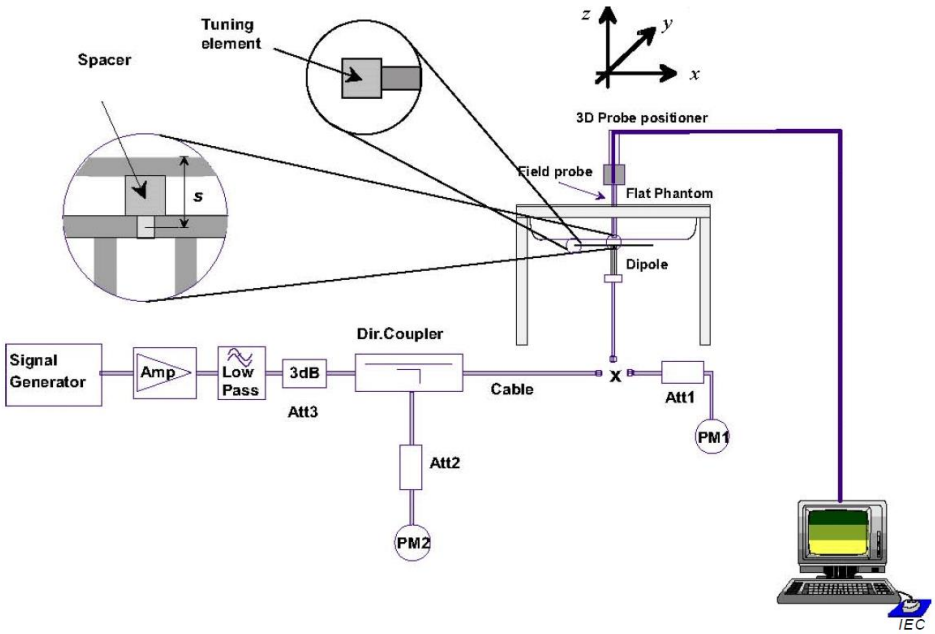


Picture 7-2 Liquid depth in the Flat Phantom

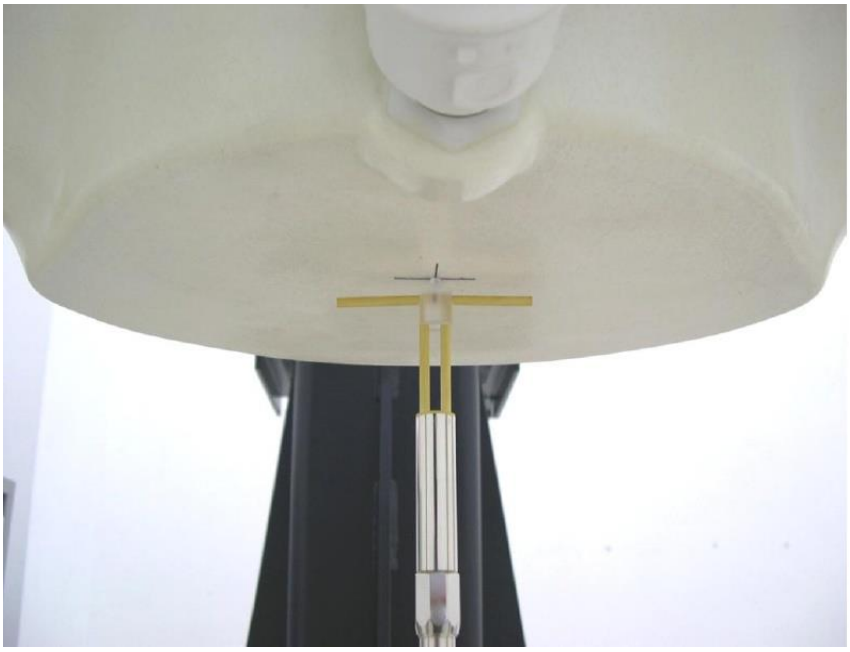
8 System verification

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 8.1 System Setup for System Evaluation



Picture 8.2 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.

The system verification results are required that the area scan estimated 1-g SAR is within 3% of the zoom scan 1-g SAR. The details are presented in annex B.

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
2024/12/18	750 MHz	5.53	8.52	5.64	8.68	1.99%	1.88%
2024/12/5	835 MHz	6.09	9.47	6	9.32	-1.48%	-1.58%
2024/12/7	835 MHz	6.09	9.47	6.04	9.4	-0.82%	-0.74%
2024/12/13	1800 MHz	20.6	39.1	19.72	37.32	-4.27%	-4.55%
2024/12/16	1800 MHz	20.6	39.1	19.92	37.68	-3.30%	-3.63%
2024/12/9	1900 MHz	20.6	39.1	20.48	38.92	-0.58%	-0.46%
2024/12/11	1900 MHz	20.6	39.1	20.8	39.52	0.97%	1.07%
2024/12/24	2450 MHz	24.5	52.2	25.48	54.08	4.00%	3.60%
2024/12/19	2600 MHz	24.8	54.9	25	55.32	0.81%	0.77%
2024/12/20	2600 MHz	24.8	54.9	24.92	55.08	0.48%	0.33%
2024/12/21	3500 MHz	25.7	68	24.9	66	-3.11%	-2.94%
2024/12/22	3700 MHz	24.9	68.7	24.7	68.1	-0.80%	-0.87%
2024/12/25	5250 MHz	22.4	78.3	22.7	79.1	1.34%	1.02%
2024/12/26	5600 MHz	23.2	81.7	23.5	83.1	1.29%	1.71%
2024/12/27	5750 MHz	22.8	79.9	22.3	78.2	-2.19%	-2.13%

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 9.1.

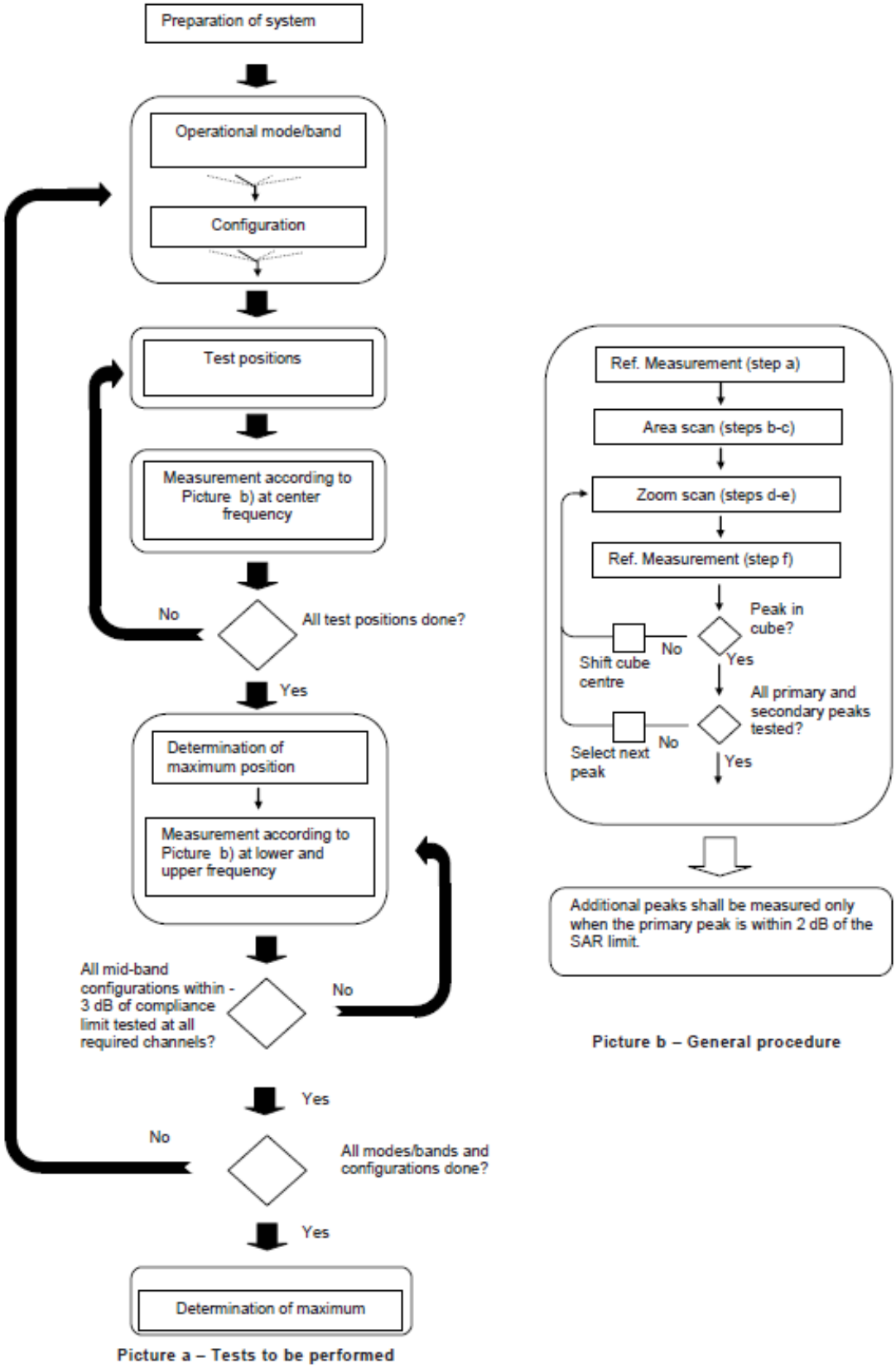
Step 1: The tests described in 9.2 shall be performed at the channel that is closest to the centre of the transmit frequency band (f_c) for:

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 9.2 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 9.1Block 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.

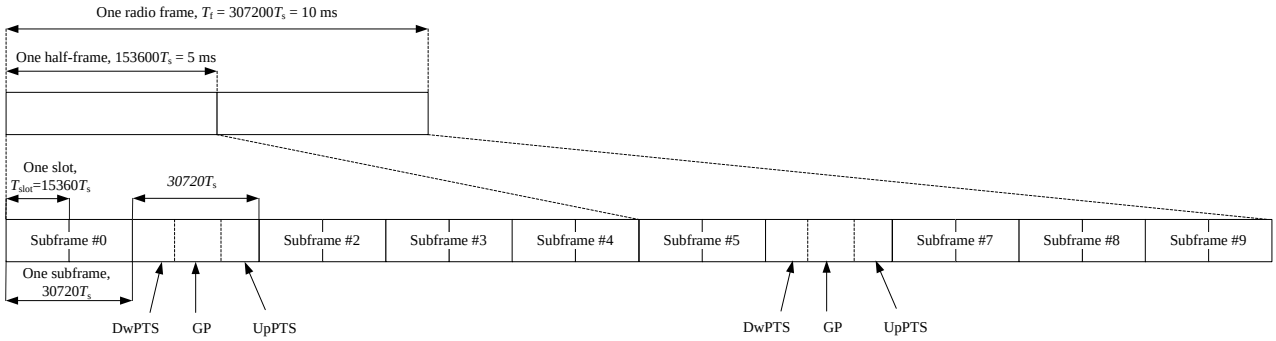


Figure 9.2: Frame structure type 2 (for 5 ms switch-point periodicity)

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 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 Area Scan Based 1-g SAR

10.1 Requirement of KDB

According to the KDB447498 D01, when the implementation is based the specific polynomial fit algorithm as presented at the 29th Bioelectromagnetics Society meeting (2007) and the estimated 1-gSAR is ≤ 1.2 W/kg, a zoom scan measurement is not required provided it is also not needed for any other purpose; for example, if the peak SAR location required for simultaneous transmission SAR test exclusion can be determined accurately by the SAR system or manually to discriminate between distinctive peaks and scattered noisy SAR distributions from area scans.

There must not be any warning or alert messages due to various measurement concerns identified by the SAR system; for example, noise in measurements, peaks too close to scan boundary, peaks are too sharp, spatial resolution and uncertainty issues etc. The SAR system verification must also demonstrate that the area scan estimated 1-g SAR is within 3% of the zoom scan 1-g SAR (See Annex B). When all the SAR results for each exposure condition in a frequency band and wireless mode are based on estimated 1-g SAR, the 1-g SAR for the highest SAR configuration must be determined by a zoom scan.

10.2 Fast SAR Algorithms

The approach is based on the area scan measurement applying a frequency dependent attenuation parameter. This attenuation parameter was empirically determined by analyzing a large number of phones. The MOTOROLA FAST SAR was developed and validated by the MOTOROLA Research Group in Ft. Lauderdale.

In the initial study, an approximation algorithm based on Linear fit was developed. The accuracy of the algorithm has been demonstrated across a broad frequency range (136-2450 MHz)and for both 1- and 10-g averaged SAR using a sample of 264 SAR measurements from 55wireless handsets. For the sample size studied, the root-mean-squared errors of the algorithm mare 1.2% and 5.8% for 1- and 10-g averaged SAR, respectively. The paper describing the algorithm in detail is expected to be published in August 2004 within the Special Issue of Transactions on MTT.

In the second step, the same research group optimized the fitting algorithm to an Polynomial fit whereby the frequency validity was extended to cover the range 30-6000MHz. Details of this study can be found in the BEMS 2007 Proceedings.

Both algorithms are implemented in DASY software.

11 Conducted Output Power

Table 11.1: Summary of Receiver detection mechanism-Main antenna

Antenna	Receiver off+ Sensor off	Single Band + WIFI		ENDC + WIFI	
		Receiver on+ Sensor on/off	Receiver off + Sensor on, Receiver off + Hotspot on	Receiver on+ Sensor on/off	Receiver off + Sensor on, Receiver off + Hotspot on
Main Antenna	Power Level A1	Power Level B1	Power Level C1	Power Level D1	Power Level E1

11.1 GSM Measurement result

Table 11.1-1: The conducted power measurement results–GSM850 Power Level A1/B1

GSM 850 Speech (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	33.04	33.07	32.94	34.50	/	/	/	/
GSM 850 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	32.89	32.94	32.82	34.50	-9.03	23.86	23.91	23.79
2 Txslots	31.62	31.68	31.54	33.50	-6.02	25.60	25.66	25.52
3 Txslots	29.17	29.22	29.06	30.50	-4.26	24.91	24.96	24.80
4 Txslots	27.82	27.91	27.88	29.50	-3.01	24.81	24.90	24.87
GSM 850 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	33.05	33.05	32.90	34.50	-9.03	24.02	24.02	23.87
2 Txslots	31.78	31.80	31.63	33.50	-6.02	25.76	25.78	25.61
3 Txslots	29.32	29.73	29.15	30.50	-4.26	25.06	25.47	24.89
4 Txslots	27.97	28.63	27.80	29.50	-3.01	24.96	25.62	24.79
GSM 850 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	25.87	25.79	25.78	27.50	-9.03	16.84	16.76	16.75
2 Txslots	24.62	25.07	24.53	26.50	-6.02	18.60	19.05	18.51
3Txslots	23.00	23.03	23.08	24.50	-4.26	18.74	18.77	18.82
4 Txslots	21.54	21.58	21.61	23.50	-3.01	18.53	18.57	18.60

NOTES:

1) Division Factors

To average the power, the division factor is as follows:

1TX-slot = 1 transmit time slot out of 8 time slots=> conducted power divided by (8/1) => -9.03dB

2TX-slots = 2 transmit time slots out of 8 time slots=> conducted power divided by (8/2) => -6.02dB

3TX-slots = 3 transmit time slots out of 8 time slots=> conducted power divided by (8/3) => -4.26dB

4TX-slots = 4 transmit time slots out of 8 time slots=> conducted power divided by (8/4) => -3.01dB

Table 11.1-2: The conducted power measurement results–GSM850 Power Level C1

GSM 850 Speech (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	30.08	30.17	30.09	32.00	/	/	/	/
GSM 850 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	30.04	30.11	30.01	32.00	-9.03	21.01	21.08	20.98
2 Txslots	28.83	28.90	28.82	31.00	-6.02	22.81	22.88	22.80
3 Txslots	27.67	27.75	27.65	28.00	-4.26	23.41	23.49	23.39
4 Txslots	26.45	26.53	26.46	27.00	-3.01	23.44	23.52	23.45
GSM 850 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	30.00	30.11	30.01	32.00	-9.03	20.97	21.08	20.98
2 Txslots	28.80	28.92	28.82	31.00	-6.02	22.78	22.90	22.80
3 Txslots	27.65	27.76	27.65	28.00	-4.26	23.39	23.50	23.39
4 Txslots	26.43	26.54	26.46	27.00	-3.01	23.42	23.53	23.45
GSM 850 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	23.52	23.46	23.46	25.00	-9.03	14.49	14.43	14.43
2 Txslots	22.07	22.43	22.00	24.00	-6.02	16.05	16.41	15.98
3Txslots	20.57	20.58	20.60	22.00	-4.26	16.31	16.32	16.34
4 Txslots	19.20	19.05	19.02	21.00	-3.01	16.19	16.04	16.01

NOTES:

1) Division Factors

To average the power, the division factor is as follows:

1TX-slot = 1 transmit time slot out of 8 time slots=> conducted power divided by (8/1) => -9.03dB

2TX-slots = 2 transmit time slots out of 8 time slots=> conducted power divided by (8/2) => -6.02dB

3TX-slots = 3 transmit time slots out of 8 time slots=> conducted power divided by (8/3) => -4.26dB

4TX-slots = 4 transmit time slots out of 8 time slots=> conducted power divided by (8/4) => -3.01dB

Table 11.1-3: The conducted power measurement results-GSM1900 Power Level A1/B1

PCS1900 Speech (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	29.67	29.69	29.87	31.50	/	/	/	/
PCS1900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	29.66	29.68	29.85	31.50	-9.03	20.63	20.65	20.82
2 Txslots	28.50	28.53	28.55	30.50	-6.02	22.48	22.51	22.53
3 Txslots	26.06	25.91	26.10	27.50	-4.26	21.80	21.65	21.84
4 Txslots	24.61	24.56	24.81	26.50	-3.01	21.60	21.55	21.80
PCS1900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	29.64	29.68	29.86	31.50	-9.03	20.61	20.65	20.83
2 Txslots	28.48	28.42	28.57	30.50	-6.02	22.46	22.40	22.55
3 Txslots	26.05	25.93	26.12	27.50	-4.26	21.79	21.67	21.86
4 Txslots	24.59	24.57	24.82	26.50	-3.01	21.58	21.56	21.81
PCS1900 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	24.93	25.02	25.42	27.00	-9.03	15.90	15.99	16.39
2 Txslots	24.05	24.18	24.22	26.00	-6.02	18.03	18.16	18.20
3Txslots	21.65	21.71	22.04	24.00	-4.26	17.39	17.45	17.78
4 Txslots	21.08	21.03	21.12	23.00	-3.01	18.07	18.02	18.11

NOTES:

1) Division Factors

To average the power, the division factor is as follows:

1TX-slot = 1 transmit time slot out of 8 time slots=> conducted power divided by (8/1) => -9.03dB

2TX-slots = 2 transmit time slots out of 8 time slots=> conducted power divided by (8/2) => -6.02dB

3TX-slots = 3 transmit time slots out of 8 time slots=> conducted power divided by (8/3) => -4.26dB

4TX-slots = 4 transmit time slots out of 8 time slots=> conducted power divided by (8/4) => -3.01dB

Table 11.1-4: The conducted power measurement results-GSM1900 Power Level C1

PCS1900 Speech (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	23.36	23.42	23.47	25.00	/	/	/	/
PCS1900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	23.28	23.34	23.47	25.00	-9.03	14.25	14.31	14.44
2 Txslots	22.20	22.26	22.44	24.00	-6.02	16.18	16.24	16.42
3 Txslots	20.94	20.98	20.97	21.00	-4.26	16.68	16.72	16.71
4 Txslots	19.78	19.85	19.88	20.00	-3.01	16.77	16.84	16.87
PCS1900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	23.21	23.30	23.48	25.00	-9.03	14.18	14.27	14.45
2 Txslots	22.14	22.23	22.41	24.00	-6.02	16.12	16.21	16.39
3 Txslots	20.89	20.97	20.93	21.00	-4.26	16.63	16.71	16.67
4 Txslots	19.74	19.82	19.95	20.00	-3.01	16.73	16.81	16.94
PCS1900 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	18.86	18.95	19.09	20.50	-9.03	9.83	9.92	10.06
2 Txslots	17.63	18.17	17.92	19.50	-6.02	11.61	12.15	11.90
3Txslots	16.55	16.63	17.21	17.50	-4.26	12.29	12.37	12.95
4 Txslots	15.43	15.42	15.58	16.50	-3.01	12.42	12.41	12.57

NOTES:

1) Division Factors

To average the power, the division factor is as follows:

1TX-slot = 1 transmit time slot out of 8 time slots=> conducted power divided by (8/1) => -9.03dB

2TX-slots = 2 transmit time slots out of 8 time slots=> conducted power divided by (8/2) => -6.02dB

3TX-slots = 3 transmit time slots out of 8 time slots=> conducted power divided by (8/3) => -4.26dB

4TX-slots = 4 transmit time slots out of 8 time slots=> conducted power divided by (8/4) => -3.01dB

11.2 WCDMA Measurement result

Table 11.1-1: The conducted Power for WCDMA B2 – Power Level A1/B1

WCDMA1900	FDDII result (dBm)			Tune up
	9538/9938	9400/9800	9262/9662	
	(1907.6MHz)	(1880MHz)	(1852.4MHz)	
	23.65	23.75	24.01	25.50
HSUPA	20.71	20.69	20.73	22.50
	20.84	20.88	20.93	22.50
	20.88	20.82	20.78	22.50
	20.38	20.36	20.38	22.00
	21.75	21.81	21.79	23.50
DC-HSDPA	22.96	22.94	22.91	24.00
	22.96	23.01	23.07	24.00
	22.48	22.55	22.53	23.50
	22.59	22.54	22.51	23.50

Table 11.1-2: The conducted Power for WCDMA B2 – Power Level C1

WCDMA1900	FDDII result (dBm)			Tune up
	9538/9938	9400/9800	9262/9662	
	(1907.6MHz)	(1880MHz)	(1852.4MHz)	
	16.02	16.08	16.03	17.5
HSUPA	13.01	13.04	13.09	14.5
	13.08	13.08	12.97	14.5
	13.04	13.12	13.09	14.5
	12.67	12.66	12.70	14
	14.04	14.05	14.12	15.5
DC-HSDPA	15.14	15.08	14.99	16
	15.05	15.07	14.96	16
	14.55	14.62	14.57	15.5
	14.57	14.57	14.57	15.5

Table 11.1-3: The conducted Power for WCDMA B4 – Power Level A1/B1

WCDMA1700	FDDIV result (dBm)			Tune up
	1513/1738	1412/1637	1312/1537	
	(1752.6MHz)	(1732.4MHz)	(1712.4MHz)	
	23.82	24.02	23.92	25.50
HSUPA	20.69	20.75	20.69	22.50
	20.99	20.97	20.94	22.50
	21.03	20.99	21.06	22.50
	20.46	20.51	20.54	22.00
	22	21.97	21.95	23.50
DC-HSDPA	22.97	22.97	23.00	24.00
	22.98	22.91	22.89	24.00
	22.58	22.53	22.54	23.50
	22.5	22.49	22.49	23.50

Table 11.1-4: The conducted Power for WCDMA B4 – Power Level C1

WCDMA1700	FDDIV result (dBm)			Tune up
	1513/1738	1412/1637	1312/1537	
	(1752.6MHz)	(1732.4MHz)	(1712.4MHz)	
	16.61	16.68	16.66	18
HSUPA	13.52	13.51	13.63	15
	13.61	13.50	13.57	15
	13.56	13.45	13.57	15
	12.87	12.95	12.99	14.5
	14.39	14.39	14.37	16
DC-HSDPA	15.49	15.44	15.38	16.5
	15.41	15.38	15.44	16.5
	14.86	14.97	15.08	16
	14.95	14.94	14.97	16

Table 11.1-5: The conducted Power for WCDMA B5 – Power Level A1/B1

WCDMA850	FDDV result (dBm)			Tune up
	4233/4458	4183/4408	4132/4357	
	(846.6MHz)	(836.6MHz)	(826.4MHz)	
	23.77	23.89	23.93	25.50
HSUPA	20.71	20.77	20.84	22.50
	21.11	21.09	21.61	22.50
	21.77	21.12	21.07	22.50
	20.71	20.66	20.59	22.00
	22.1	22.10	22.08	23.50
DC-HSDPA	22.96	22.95	23.00	24.00
	22.79	22.81	22.81	24.00
	22.54	22.48	22.43	23.50
	22.4	22.45	22.44	23.50

Table 11.1-6: The conducted Power for WCDMA B5 – Power Level C1

WCDMA850	FDDV result (dBm)			Tune up
	4233/4458	4183/4408	4132/4357	
	(846.6MHz)	(836.6MHz)	(826.4MHz)	
	21.55	21.53	21.54	22.5
HSUPA	18.83	18.84	18.76	19.5
	18.42	18.33	18.44	19.5
	18.43	18.30	18.20	19.5
	17.86	17.88	18.00	19
	19.4	19.33	19.42	20.5
DC-HSDPA	20.35	20.36	20.23	21
	20.24	20.28	20.34	21
	19.79	19.84	19.75	20.5
	19.74	19.85	19.73	20.5

11.3 LTE Measurement result

Band	ANT	Tune up (dBm)				
		Receiver off+ Sensor off	Single Band + WIFI		ENDC + WIFI	
			Receiver on+ Sensor on/off	Receiver off + Sensor on, Receiver off + Hotspot on	Receiver on+ Sensor on/off	Receiver off + Sensor on, Receiver off + Hotspot on
		Power Level A1	Power Level B1	Power Level C1	Power Level D1	Power Level E1
LTE B2	0	25	25	17.5	25	15.5
LTE B2	2	25	N/A	N/A	25	21
LTE B4	0	25	25	18	25	16
LTE B4	2	25	N/A	N/A	25	20.5
LTE B5	0	25.5	25.5	22.5	25.5	20
LTE B7	1	25	25	18	22.5	13
LTE B7	2	25	N/A	N/A	21	15
LTE B12	0	25.5	25.5	25.5	25.5	23
LTE B13	0	25.5	25.5	25.5	25.5	22.5
LTE B26	0	25.5	25.5	23.5	25.5	21.5
LTE B38	1	25	25	19.5	25	16.5
LTE B38	2	25	N/A	N/A	22	16
LTE B41	1	25	25	20	25	16
LTE B41	2	25	N/A	N/A	22.5	17
LTE B66	0	25	25	18	25	15.5
LTE B66	2	25	N/A	N/A	25	21

LTE B2 ANT0 Power Level A1/B1/D1

LTE B2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1909.3 (19193)	23.88	23.07	21.90	18.40
		1880 (18900)	23.40	22.78	21.63	18.60
		1850.7 (18607)	23.72	22.91	21.77	18.59
	1RB-Middle (3)	1909.3 (19193)	23.86	22.98	21.82	18.44
		1880 (18900)	23.38	22.91	21.78	18.52
		1850.7 (18607)	23.57	22.84	21.79	18.52
	1RB-Low (0)	1909.3 (19193)	23.61	22.78	21.67	18.46
		1880 (18900)	23.44	22.91	21.70	18.49
		1850.7 (18607)	23.66	22.82	21.62	18.37
	3RB-High (3)	1909.3 (19193)	24.01	22.93	21.73	18.56
		1880 (18900)	23.31	22.47	21.59	18.58
		1850.7 (18607)	23.63	22.56	21.56	18.47
	3RB-Middle (1)	1909.3 (19193)	23.92	22.79	21.79	18.47

		1880 (18900)	23.37	22.67	21.58	18.37
		1850.7 (18607)	23.68	22.67	21.53	18.35
	3RB-Low (0)	1909.3 (19193)	23.86	22.66	21.66	18.45
		1880 (18900)	23.45	22.54	21.71	18.36
		1850.7 (18607)	23.68	22.61	21.67	18.43
	6RB (0)	1909.3 (19193)	22.85	21.84	20.60	18.62
		1880 (18900)	22.50	21.57	20.47	18.54
		1850.7 (18607)	22.71	21.69	21.03	18.46
3MHz	1RB-High (14)	1908.5 (19185)	24.00	22.95	22.00	18.37
		1880 (18900)	23.31	22.63	21.47	18.55
		1851.5 (18615)	23.63	22.81	21.75	18.63
	1RB-Middle (7)	1908.5 (19185)	23.40	22.61	21.49	18.44
		1880 (18900)	23.66	22.81	21.68	18.38
		1851.5 (18615)	23.58	22.85	21.72	18.63
	1RB-Low (0)	1908.5 (19185)	23.05	22.33	21.17	18.40
		1880 (18900)	23.43	22.91	21.84	18.62
		1851.5 (18615)	23.65	22.89	21.77	18.59
	8RB-High (7)	1908.5 (19185)	22.71	21.62	20.45	18.42
		1880 (18900)	22.48	21.51	20.49	18.39
		1851.5 (18615)	22.66	21.73	20.62	18.43
	8RB-Middle (4)	1908.5 (19185)	22.44	21.43	20.36	18.53
		1880 (18900)	22.47	21.51	20.53	18.43
		1851.5 (18615)	22.64	21.70	20.61	18.38
	8RB-Low (0)	1908.5 (19185)	22.36	21.31	20.22	18.54
		1880 (18900)	22.58	21.63	20.57	18.54
		1851.5 (18615)	22.67	21.70	20.67	18.46
	15RB (0)	1908.5 (19185)	22.49	21.38	20.30	18.41
		1880 (18900)	22.50	21.51	20.47	18.44
		1851.5 (18615)	22.64	21.67	20.56	18.35
5MHz	1RB-High (24)	1907.5 (19175)	24.05	23.08	21.95	18.55
		1880 (18900)	23.30	22.56	21.41	18.49
		1852.5 (18625)	23.70	22.96	21.69	18.64
	1RB-Middle (12)	1907.5 (19175)	23.11	22.43	21.34	18.46
		1880 (18900)	23.54	22.86	21.70	18.44
		1852.5 (18625)	23.59	22.88	21.72	18.46
	1RB-Low (0)	1907.5 (19175)	23.70	22.13	21.02	18.36
		1880 (18900)	23.62	22.93	21.78	18.43
		1852.5 (18625)	23.64	22.86	21.72	18.52
	12RB-High (13)	1907.5 (19175)	22.47	21.39	20.42	18.57
		1880 (18900)	22.43	21.48	20.46	18.64
		1852.5 (18625)	22.68	21.68	20.67	18.40
	12RB-Middle (6)	1907.5 (19175)	22.22	21.20	20.19	18.46

		1880 (18900)	22.55	21.54	20.54	18.43
		1852.5 (18625)	22.70	21.70	20.66	18.56
	12RB-Low (0)	1907.5 (19175)	22.01	21.04	20.02	18.65
		1880 (18900)	22.60	21.64	20.68	18.61
		1852.5 (18625)	22.72	21.69	20.65	18.48
	25RB (0)	1907.5 (19175)	22.24	21.17	20.09	18.48
		1880 (18900)	22.54	21.53	20.50	18.55
		1852.5 (18625)	22.76	21.69	20.63	18.53
10MHz	1RB-High (49)	1905 (19150)	23.81	23.09	21.85	18.65
		1880 (18900)	23.08	22.34	21.25	18.45
		1855 (18650)	23.74	23.06	21.79	18.36
	1RB-Middle (24)	1905 (19150)	23.66	22.98	21.86	18.52
		1880 (18900)	23.57	22.80	21.68	18.43
		1855 (18650)	23.61	22.83	21.72	18.62
	1RB-Low (0)	1905 (19150)	23.16	22.53	21.31	18.46
		1880 (18900)	23.70	22.98	21.90	18.54
		1855 (18650)	23.73	23.01	21.75	18.41
	25RB-High (25)	1905 (19150)	22.15	21.12	20.10	18.36
		1880 (18900)	22.34	21.33	20.35	18.59
		1855 (18650)	22.75	21.71	20.64	18.48
	25RB-Middle (12)	1905 (19150)	22.74	21.76	20.74	18.58
		1880 (18900)	22.54	21.53	20.52	18.52
		1855 (18650)	22.73	21.72	20.67	18.45
	25RB-Low (0)	1905 (19150)	22.41	21.39	20.43	18.40
		1880 (18900)	22.66	21.64	20.63	18.47
		1855 (18650)	22.74	21.70	20.65	18.65
	50RB (0)	1905 (19150)	22.00	21.78	20.73	18.56
		1880 (18900)	22.49	21.48	20.46	18.38
		1855 (18650)	22.74	21.73	20.66	18.56
15MHz	1RB-High (74)	1902.5 (19125)	23.73	22.89	21.72	18.45
		1880 (18900)	23.83	22.24	21.01	18.58
		1857.5 (18675)	23.78	22.99	21.82	18.59
	1RB-Middle (37)	1902.5 (19125)	23.32	22.70	21.45	18.55
		1880 (18900)	23.57	22.88	21.74	18.44
		1857.5 (18675)	23.73	22.97	21.82	18.52
	1RB-Low (0)	1902.5 (19125)	23.19	22.54	21.36	18.53
		1880 (18900)	23.71	22.94	21.80	18.55
		1857.5 (18675)	23.73	22.91	21.84	18.46
	36RB-High (38)	1902.5 (19125)	22.85	21.88	20.15	18.48
		1880 (18900)	22.21	21.24	20.22	18.59
		1857.5 (18675)	22.71	21.68	20.69	18.41
	36RB-Middle (19)	1902.5 (19125)	22.38	21.38	20.43	18.62

		1880 (18900)	22.53	21.51	20.49	18.53
		1857.5 (18675)	22.69	21.63	20.65	18.54
	36RB-Low (0)	1902.5 (19125)	22.19	21.20	20.20	18.56
		1880 (18900)	22.64	21.64	20.64	18.43
		1857.5 (18675)	22.68	21.65	20.63	18.56
	75RB (0)	1902.5 (19125)	22.51	21.56	20.59	18.46
		1880 (18900)	22.44	21.44	20.46	18.38
		1857.5 (18675)	22.70	21.71	20.62	18.59
20MHz	1RB-High (99)	1900 (19100)	23.66	22.85	21.71	18.43
		1880 (18900)	23.66	22.93	21.86	18.51
		1860 (18700)	23.75	22.94	21.81	18.54
	1RB-Middle (50)	1900 (19100)	23.21	22.47	21.30	18.51
		1880 (18900)	23.62	22.80	21.64	18.43
		1860 (18700)	23.76	22.96	21.76	18.46
	1RB-Low (0)	1900 (19100)	23.53	22.83	21.78	18.57
		1880 (18900)	23.72	22.99	21.87	18.55
		1860 (18700)	23.75	22.93	21.82	18.47
	50RB-High (50)	1900 (19100)	22.71	21.72	20.71	18.63
		1880 (18900)	22.17	21.18	20.19	18.42
		1860 (18700)	22.70	21.70	20.66	18.56
	50RB-Middle (25)	1900 (19100)	22.27	21.29	20.25	18.49
		1880 (18900)	22.49	21.50	20.47	18.35
		1860 (18700)	22.77	21.72	20.69	18.41
	50RB-Low (0)	1900 (19100)	22.28	21.26	20.26	18.50
		1880 (18900)	22.69	21.68	20.69	18.47
		1860 (18700)	22.74	21.73	20.69	18.39
	100RB (0)	1900 (19100)	22.46	21.41	20.46	18.49
		1880 (18900)	22.43	21.39	20.37	18.61
		1860 (18700)	22.72	21.69	20.64	18.42

LTE B2 ANT0 Power Level C1

LTE B2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1909.3 (19193)	15.62	14.88	13.86	11.05
		1880 (18900)	15.61	14.81	13.78	10.94
		1850.7 (18607)	15.70	14.94	13.91	10.98
	1RB-Middle (3)	1909.3 (19193)	15.63	15.03	13.83	10.90
		1880 (18900)	15.58	14.82	13.82	11.03
		1850.7 (18607)	15.66	15.01	13.85	10.96
	1RB-Low (0)	1909.3 (19193)	15.59	14.89	13.81	10.88
		1880 (18900)	15.63	14.87	13.83	10.82

		1850.7 (18607)	15.71	14.97	13.94	10.79
	3RB-High (3)	1909.3 (19193)	15.64	14.62	13.70	11.01
		1880 (18900)	15.67	14.62	13.69	10.83
		1850.7 (18607)	15.73	14.71	13.79	11.02
	3RB-Middle (1)	1909.3 (19193)	15.64	14.57	13.67	11.03
		1880 (18900)	15.59	14.60	13.65	10.83
		1850.7 (18607)	15.72	14.67	13.78	10.89
	3RB-Low (0)	1909.3 (19193)	15.65	14.65	13.70	10.98
		1880 (18900)	15.63	14.63	13.71	10.80
		1850.7 (18607)	15.72	14.68	13.77	10.91
	6RB (0)	1909.3 (19193)	14.60	13.68	12.57	10.85
		1880 (18900)	14.65	13.70	12.63	11.02
		1850.7 (18607)	14.70	13.80	12.72	10.80
3MHz	1RB-High (14)	1908.5 (19185)	15.63	14.95	13.74	10.99
		1880 (18900)	15.64	14.83	13.79	10.89
		1851.5 (18615)	15.69	15.02	13.90	10.82
	1RB-Middle (7)	1908.5 (19185)	15.55	14.85	13.79	10.89
		1880 (18900)	15.64	14.91	13.81	10.79
		1851.5 (18615)	15.64	14.82	13.83	10.86
	1RB-Low (0)	1908.5 (19185)	15.54	14.83	13.68	10.81
		1880 (18900)	15.62	14.90	13.82	10.78
		1851.5 (18615)	15.69	14.88	13.82	10.91
	8RB-High (7)	1908.5 (19185)	14.55	13.61	12.61	11.01
		1880 (18900)	14.62	13.67	12.63	10.93
		1851.5 (18615)	14.71	13.77	12.75	10.96
	8RB-Middle (4)	1908.5 (19185)	14.58	13.63	12.59	10.96
		1880 (18900)	14.62	13.64	12.65	10.89
		1851.5 (18615)	14.74	13.74	12.74	10.79
	8RB-Low (0)	1908.5 (19185)	14.62	13.61	12.62	10.91
		1880 (18900)	14.64	13.65	12.69	10.92
		1851.5 (18615)	14.71	13.77	12.77	10.88
	15RB (0)	1908.5 (19185)	14.59	13.57	12.55	10.86
		1880 (18900)	14.62	13.62	12.63	10.93
		1851.5 (18615)	14.67	13.71	12.69	10.84
5MHz	1RB-High (24)	1907.5 (19175)	15.65	15.04	13.85	10.80
		1880 (18900)	15.63	15.00	13.92	10.75
		1852.5 (18625)	15.76	15.08	13.97	10.98
	1RB-Middle (12)	1907.5 (19175)	15.64	14.94	13.89	10.93
		1880 (18900)	15.65	14.99	13.85	10.84
		1852.5 (18625)	15.73	15.08	13.91	10.77
	1RB-Low (0)	1907.5 (19175)	15.66	14.86	13.88	11.00
		1880 (18900)	15.71	14.98	13.95	10.98

		1852.5 (18625)	15.71	15.03	13.84	10.85
	12RB-High (13)	1907.5 (19175)	14.60	13.57	12.66	10.92
		1880 (18900)	14.69	13.75	12.75	10.97
		1852.5 (18625)	14.77	13.81	12.79	10.90
	12RB-Middle (6)	1907.5 (19175)	14.58	13.67	12.66	10.79
		1880 (18900)	14.70	13.70	12.72	10.78
		1852.5 (18625)	14.77	13.79	12.85	10.91
	12RB-Low (0)	1907.5 (19175)	14.65	13.71	12.74	10.78
		1880 (18900)	14.72	13.71	12.73	10.90
		1852.5 (18625)	14.79	13.81	12.81	10.86
	25RB (0)	1907.5 (19175)	14.64	13.67	12.61	10.91
		1880 (18900)	14.78	13.73	12.69	10.88
		1852.5 (18625)	14.79	13.81	12.77	11.01
10MHz	1RB-High (49)	1905 (19150)	15.77	15.10	13.83	10.85
		1880 (18900)	15.70	15.08	13.87	10.93
		1855 (18650)	15.79	15.01	13.97	10.94
	1RB-Middle (24)	1905 (19150)	15.67	14.78	13.73	10.91
		1880 (18900)	15.62	14.90	13.82	10.89
		1855 (18650)	15.73	15.08	13.88	11.00
	1RB-Low (0)	1905 (19150)	15.75	14.91	13.89	10.88
		1880 (18900)	15.76	15.11	13.95	10.88
		1855 (18650)	15.83	15.02	14.03	10.98
	25RB-High (25)	1905 (19150)	14.74	13.67	12.65	11.03
		1880 (18900)	14.68	13.66	12.69	10.81
		1855 (18650)	14.79	13.78	12.75	11.00
	25RB-Middle (12)	1905 (19150)	14.64	13.64	12.66	10.94
		1880 (18900)	14.67	13.69	12.70	10.89
		1855 (18650)	14.78	13.79	12.76	10.85
	25RB-Low (0)	1905 (19150)	14.66	13.67	12.66	10.87
		1880 (18900)	14.71	13.78	12.70	10.96
		1855 (18650)	14.83	13.81	12.79	10.79
	50RB (0)	1905 (19150)	14.68	13.65	12.69	10.91
		1880 (18900)	14.72	13.74	12.70	10.99
		1855 (18650)	14.81	13.78	12.80	11.03
15MHz	1RB-High (74)	1902.5 (19125)	15.65	14.88	13.75	10.91
		1880 (18900)	15.73	14.96	13.88	10.79
		1857.5 (18675)	15.75	15.01	13.92	10.76
	1RB-Middle (37)	1902.5 (19125)	15.70	15.08	13.83	10.95
		1880 (18900)	15.69	15.05	13.80	10.90
		1857.5 (18675)	15.75	14.95	13.98	10.93
	1RB-Low (0)	1902.5 (19125)	15.72	15.06	13.82	10.94
		1880 (18900)	15.67	15.04	13.80	10.82

		1857.5 (18675)	15.73	15.10	13.94	11.02
	36RB-High (38)	1902.5 (19125)	14.67	13.66	12.69	10.85
		1880 (18900)	14.67	13.68	12.74	10.99
		1857.5 (18675)	14.71	13.70	12.72	10.99
	36RB-Middle (19)	1902.5 (19125)	14.70	13.70	12.64	10.82
		1880 (18900)	14.63	13.68	12.67	10.79
		1857.5 (18675)	14.73	13.72	12.76	10.93
	36RB-Low (0)	1902.5 (19125)	14.69	13.68	12.69	10.76
		1880 (18900)	14.68	13.71	12.71	10.82
		1857.5 (18675)	14.79	13.75	12.78	10.92
	75RB (0)	1902.5 (19125)	14.70	13.69	12.74	10.88
		1880 (18900)	14.71	13.71	12.73	10.77
		1857.5 (18675)	14.79	13.78	12.77	11.04
20MHz	1RB-High (99)	1900 (19100)	15.66	14.93	13.79	11.03
		1880 (18900)	15.73	14.95	13.88	10.82
		1860 (18700)	15.70	15.05	13.88	10.75
	1RB-Middle (50)	1900 (19100)	15.74	15.01	13.93	10.79
		1880 (18900)	15.70	15.02	13.85	10.94
		1860 (18700)	15.78	15.05	13.87	10.80
	1RB-Low (0)	1900 (19100)	15.75	15.04	13.98	10.95
		1880 (18900)	15.69	15.04	13.85	10.99
		1860 (18700)	15.77	15.08	13.92	10.89
	50RB-High (50)	1900 (19100)	14.77	13.74	12.77	10.76
		1880 (18900)	14.78	13.77	12.77	10.91
		1860 (18700)	14.70	13.70	12.72	10.77
	50RB-Middle (25)	1900 (19100)	14.80	13.75	12.75	10.88
		1880 (18900)	14.73	13.75	12.77	10.83
		1860 (18700)	14.78	13.79	12.78	11.05
	50RB-Low (0)	1900 (19100)	14.76	13.72	12.72	10.76
		1880 (18900)	14.77	13.78	12.77	11.00
		1860 (18700)	14.82	13.86	12.83	11.03
	100RB (0)	1900 (19100)	14.73	13.69	12.71	10.97
		1880 (18900)	14.73	13.77	12.76	10.77
		1860 (18700)	14.76	13.74	12.72	10.90

LTE B2 ANT0 Power Level E1

LTE B2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1909.3 (19193)	13.73	12.91	11.85	9.10
		1880 (18900)	13.75	13.05	11.95	9.06
		1850.7 (18607)	13.81	12.96	11.94	9.04
	1RB-Middle (3)	1909.3 (19193)	13.68	12.92	11.82	8.88
		1880 (18900)	13.74	13.02	11.89	8.89
		1850.7 (18607)	13.71	13.01	11.83	9.12
	1RB-Low (0)	1909.3 (19193)	13.65	13.02	11.86	8.91
		1880 (18900)	13.78	13.09	11.98	8.98
		1850.7 (18607)	13.77	12.94	11.90	8.97
	3RB-High (3)	1909.3 (19193)	13.76	12.74	11.83	8.85
		1880 (18900)	13.77	12.78	11.78	8.86
		1850.7 (18607)	13.62	12.83	11.77	8.81
	3RB-Middle (1)	1909.3 (19193)	13.73	12.71	11.78	8.78
		1880 (18900)	13.84	12.69	11.81	8.93
		1850.7 (18607)	13.83	12.80	11.89	8.86
	3RB-Low (0)	1909.3 (19193)	13.73	12.71	11.82	8.64
		1880 (18900)	13.74	12.72	11.77	8.84
		1850.7 (18607)	13.83	12.73	11.81	8.87
	6RB (0)	1909.3 (19193)	12.64	11.84	10.68	8.85
		1880 (18900)	12.76	11.85	10.75	8.73
		1850.7 (18607)	12.76	11.89	10.75	8.81
3MHz	1RB-High (14)	1908.5 (19185)	13.72	13.05	11.81	8.95
		1880 (18900)	13.71	13.07	11.85	9.02
		1851.5 (18615)	13.75	13.03	11.89	9.22
	1RB-Middle (7)	1908.5 (19185)	13.63	12.97	11.79	9.03
		1880 (18900)	13.79	12.97	11.84	8.85
		1851.5 (18615)	13.76	12.95	11.88	8.94
	1RB-Low (0)	1908.5 (19185)	13.60	12.78	11.71	9.06
		1880 (18900)	13.76	13.03	11.86	8.97
		1851.5 (18615)	13.78	13.03	11.89	8.97
	8RB-High (7)	1908.5 (19185)	12.68	11.74	10.75	8.85
		1880 (18900)	12.76	11.76	10.83	8.75
		1851.5 (18615)	12.73	11.82	10.85	8.77
	8RB-Middle (4)	1908.5 (19185)	12.65	11.72	10.72	8.76
		1880 (18900)	12.75	11.82	10.80	8.82
		1851.5 (18615)	12.79	11.80	10.81	8.70
	8RB-Low (0)	1908.5 (19185)	12.61	11.72	10.66	8.76
		1880 (18900)	12.79	11.79	10.82	9.00

		1851.5 (18615)	12.77	11.81	10.85	8.91
	15RB (0)	1908.5 (19185)	12.63	11.65	10.63	8.68
		1880 (18900)	12.79	11.79	10.77	8.70
		1851.5 (18615)	12.76	11.77	10.74	8.72
5MHz	1RB-High (24)	1907.5 (19175)	13.74	12.99	11.90	9.04
		1880 (18900)	13.75	13.13	11.99	9.08
		1852.5 (18625)	13.82	13.10	11.94	9.24
	1RB-Middle (12)	1907.5 (19175)	13.65	12.89	11.77	8.86
		1880 (18900)	13.90	13.04	11.96	9.03
		1852.5 (18625)	13.72	13.15	12.00	9.01
	1RB-Low (0)	1907.5 (19175)	13.71	12.99	11.89	9.06
		1880 (18900)	13.86	13.22	11.99	9.19
		1852.5 (18625)	13.81	13.06	11.97	9.15
	12RB-High (13)	1907.5 (19175)	12.75	11.69	10.73	8.73
		1880 (18900)	12.85	11.82	10.83	8.66
		1852.5 (18625)	12.91	11.80	10.81	8.73
	12RB-Middle (6)	1907.5 (19175)	12.66	11.67	10.72	8.74
		1880 (18900)	12.84	11.88	10.88	8.88
		1852.5 (18625)	12.87	11.87	10.84	8.74
	12RB-Low (0)	1907.5 (19175)	12.71	11.67	10.70	8.84
		1880 (18900)	12.86	11.82	10.84	8.77
		1852.5 (18625)	12.88	11.82	10.84	8.74
	25RB (0)	1907.5 (19175)	12.74	11.71	10.68	8.74
		1880 (18900)	12.88	11.85	10.82	8.71
		1852.5 (18625)	12.85	11.87	10.79	8.79
10MHz	1RB-High (49)	1905 (19150)	13.74	13.03	11.83	8.98
		1880 (18900)	13.73	13.01	11.93	8.91
		1855 (18650)	13.87	13.14	11.84	9.20
	1RB-Middle (24)	1905 (19150)	13.71	13.12	11.88	9.00
		1880 (18900)	13.79	13.12	12.03	8.94
		1855 (18650)	13.83	13.16	11.94	9.16
	1RB-Low (0)	1905 (19150)	13.71	13.08	11.83	9.04
		1880 (18900)	13.83	13.19	11.98	9.13
		1855 (18650)	13.88	13.20	11.95	9.04
	25RB-High (25)	1905 (19150)	12.82	11.73	10.80	8.72
		1880 (18900)	12.79	11.77	10.77	8.88
		1855 (18650)	12.87	11.79	10.77	8.84
	25RB-Middle (12)	1905 (19150)	12.71	11.68	10.69	8.65
		1880 (18900)	12.84	11.82	10.77	8.85
		1855 (18650)	12.86	11.81	10.80	8.92
	25RB-Low (0)	1905 (19150)	12.72	11.70	10.64	8.61
		1880 (18900)	12.85	11.83	10.78	8.76

		1855 (18650)	12.87	11.84	10.85	8.86
	50RB (0)	1905 (19150)	12.73	11.75	10.68	8.74
		1880 (18900)	12.86	11.78	10.80	8.91
		1855 (18650)	12.88	11.80	10.79	8.81
15MHz	1RB-High (74)	1902.5 (19125)	13.80	13.07	11.94	8.98
		1880 (18900)	13.77	13.06	11.92	9.08
		1857.5 (18675)	13.93	13.15	11.99	9.08
	1RB-Middle (37)	1902.5 (19125)	13.74	12.99	11.78	8.85
		1880 (18900)	13.85	13.20	11.93	9.09
		1857.5 (18675)	13.87	13.10	11.95	9.07
	1RB-Low (0)	1902.5 (19125)	13.82	13.17	11.91	8.87
		1880 (18900)	13.91	13.21	11.97	9.16
		1857.5 (18675)	13.87	13.26	12.01	9.13
	36RB-High (38)	1902.5 (19125)	12.73	11.72	10.71	8.68
		1880 (18900)	12.85	11.79	10.82	8.92
		1857.5 (18675)	12.86	11.84	10.82	8.89
	36RB-Middle (19)	1902.5 (19125)	12.71	11.70	10.73	8.77
		1880 (18900)	12.85	11.82	10.84	8.77
		1857.5 (18675)	12.84	11.75	10.81	8.84
	36RB-Low (0)	1902.5 (19125)	12.75	11.72	10.74	8.83
		1880 (18900)	12.86	11.80	10.83	8.86
		1857.5 (18675)	12.87	11.83	10.85	8.88
	75RB (0)	1902.5 (19125)	12.76	11.71	10.72	8.65
		1880 (18900)	12.83	11.82	10.81	8.69
		1857.5 (18675)	12.91	11.81	10.80	8.78
20MHz	1RB-High (99)	1900 (19100)	13.76	13.06	11.92	9.01
		1880 (18900)	13.82	13.07	11.92	9.01
		1860 (18700)	13.89	13.11	12.06	9.11
	1RB-Middle (50)	1900 (19100)	13.78	13.03	11.86	8.96
		1880 (18900)	13.87	13.06	11.88	8.98
		1860 (18700)	13.92	13.22	11.98	9.05
	1RB-Low (0)	1900 (19100)	13.84	13.08	11.88	8.98
		1880 (18900)	13.89	13.18	12.03	9.09
		1860 (18700)	13.90	13.13	12.01	9.07
	50RB-High (50)	1900 (19100)	12.86	11.78	10.80	8.77
		1880 (18900)	12.86	11.81	10.83	8.79
		1860 (18700)	12.87	11.84	10.83	8.79
	50RB-Middle (25)	1900 (19100)	12.85	11.78	10.78	8.75
		1880 (18900)	12.91	11.83	10.87	8.83
		1860 (18700)	12.93	11.82	10.86	8.82
	50RB-Low (0)	1900 (19100)	12.86	11.75	10.77	8.74
		1880 (18900)	12.93	11.89	10.93	8.87

		1860 (18700)	12.97	11.86	10.91	8.86
	100RB (0)	1900 (19100)	12.85	11.77	10.75	8.73
		1880 (18900)	12.88	11.84	10.84	8.80
		1860 (18700)	12.89	11.80	10.81	8.78

LTE B2 ANT2 Power Level A1/D1

LTE B2 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1909.3 (19193)	23.27	22.33	21.25	18.07
		1880 (18900)	23.25	22.31	21.38	18.26
		1850.7 (18607)	23.22	22.11	21.33	18.08
	1RB-Middle (3)	1909.3 (19193)	23.11	22.25	21.32	18.22
		1880 (18900)	23.41	22.17	21.22	18.28
		1850.7 (18607)	23.24	22.34	21.21	18.19
	1RB-Low (0)	1909.3 (19193)	23.29	22.08	21.17	18.02
		1880 (18900)	23.13	22.24	21.20	18.10
		1850.7 (18607)	23.20	22.40	21.31	18.10
	3RB-High (3)	1909.3 (19193)	23.39	22.20	21.16	18.10
		1880 (18900)	23.31	22.17	21.38	18.03
		1850.7 (18607)	23.32	22.35	21.36	17.93
	3RB-Middle (1)	1909.3 (19193)	23.09	22.33	21.13	18.03
		1880 (18900)	23.40	22.32	21.19	18.30
		1850.7 (18607)	23.28	22.23	21.20	18.23
	3RB-Low (0)	1909.3 (19193)	23.38	22.16	21.15	17.98
		1880 (18900)	23.10	22.41	21.15	18.17
		1850.7 (18607)	23.11	22.36	21.18	17.99
	6RB (0)	1909.3 (19193)	22.12	21.28	20.15	18.05
		1880 (18900)	22.25	21.09	20.22	18.19
		1850.7 (18607)	22.17	21.31	20.20	18.18
3MHz	1RB-High (14)	1908.5 (19185)	23.25	22.10	21.07	17.92
		1880 (18900)	23.17	22.16	21.30	18.22
		1851.5 (18615)	23.11	22.26	21.44	18.03
	1RB-Middle (7)	1908.5 (19185)	23.29	22.16	21.16	18.04
		1880 (18900)	23.17	22.13	21.21	18.08
		1851.5 (18615)	23.08	22.16	21.16	18.06
	1RB-Low (0)	1908.5 (19185)	23.36	22.03	21.20	17.98
		1880 (18900)	23.26	22.23	21.17	18.23
		1851.5 (18615)	23.33	22.39	21.07	18.00
	8RB-High (7)	1908.5 (19185)	22.23	21.12	20.32	17.99
		1880 (18900)	22.34	21.07	20.17	18.08
		1851.5 (18615)	22.14	21.22	20.41	17.98

	8RB-Middle (4)	1908.5 (19185)	22.20	21.30	20.42	17.93
		1880 (18900)	22.24	21.27	20.02	18.17
		1851.5 (18615)	22.28	21.11	20.31	18.22
	8RB-Low (0)	1908.5 (19185)	22.13	21.15	20.04	17.91
		1880 (18900)	22.32	21.27	20.01	18.09
		1851.5 (18615)	22.28	21.18	20.31	18.02
	15RB (0)	1908.5 (19185)	22.19	21.17	20.05	18.00
		1880 (18900)	22.35	21.00	20.14	18.09
		1851.5 (18615)	22.11	21.26	20.24	18.12
5MHz	1RB-High (24)	1907.5 (19175)	23.20	22.13	21.19	17.97
		1880 (18900)	23.36	22.26	21.27	18.25
		1852.5 (18625)	23.31	22.34	21.19	17.94
	1RB-Middle (12)	1907.5 (19175)	23.33	22.20	21.16	18.13
		1880 (18900)	23.42	22.27	21.29	18.20
		1852.5 (18625)	23.30	22.26	21.35	18.04
	1RB-Low (0)	1907.5 (19175)	23.29	22.06	21.13	18.12
		1880 (18900)	23.20	22.18	21.05	18.10
		1852.5 (18625)	23.26	22.34	21.11	17.96
	12RB-High (13)	1907.5 (19175)	22.36	21.17	20.31	18.15
		1880 (18900)	22.35	21.13	20.26	18.04
		1852.5 (18625)	22.18	21.02	20.27	18.05
	12RB-Middle (6)	1907.5 (19175)	22.10	21.32	20.20	17.89
		1880 (18900)	22.32	21.17	20.02	18.08
		1852.5 (18625)	22.26	21.21	20.24	18.11
	12RB-Low (0)	1907.5 (19175)	22.11	21.39	20.08	17.98
		1880 (18900)	22.17	21.33	20.24	18.22
		1852.5 (18625)	22.06	21.30	20.34	18.12
	25RB (0)	1907.5 (19175)	22.34	21.33	20.16	18.22
		1880 (18900)	22.21	21.18	20.06	18.04
		1852.5 (18625)	22.26	21.11	20.36	18.14
10MHz	1RB-High (49)	1905 (19150)	23.16	22.19	21.15	18.06
		1880 (18900)	23.18	22.16	21.22	18.26
		1855 (18650)	23.12	22.18	21.24	17.96
	1RB-Middle (24)	1905 (19150)	23.28	22.20	21.18	18.10
		1880 (18900)	23.20	22.14	21.43	18.24
		1855 (18650)	23.04	22.36	21.18	18.28
	1RB-Low (0)	1905 (19150)	23.15	22.06	21.24	18.09
		1880 (18900)	23.34	22.35	21.10	18.07
		1855 (18650)	23.25	22.21	21.20	18.17
	25RB-High (25)	1905 (19150)	22.19	21.18	20.13	17.97
		1880 (18900)	22.21	21.08	20.09	18.17
		1855 (18650)	22.16	21.10	20.37	18.13

	25RB-Middle (12)	1905 (19150)	22.24	21.26	20.41	18.00
		1880 (18900)	22.29	21.19	20.08	17.99
		1855 (18650)	22.08	21.15	20.28	18.08
	25RB-Low (0)	1905 (19150)	22.27	21.26	20.08	17.96
		1880 (18900)	22.25	21.30	20.15	18.24
		1855 (18650)	22.18	21.26	20.35	18.04
	50RB (0)	1905 (19150)	22.27	21.09	20.01	18.16
		1880 (18900)	22.26	21.01	20.21	18.00
		1855 (18650)	22.18	21.05	20.26	17.96
15MHz	1RB-High (74)	1902.5 (19125)	23.24	22.12	21.25	17.98
		1880 (18900)	23.28	22.18	21.29	18.23
		1857.5 (18675)	23.13	22.27	21.25	18.10
	1RB-Middle (37)	1902.5 (19125)	23.24	22.09	21.24	18.09
		1880 (18900)	23.33	22.29	21.41	18.26
		1857.5 (18675)	23.09	22.35	21.22	18.19
	1RB-Low (0)	1902.5 (19125)	23.26	22.28	21.24	18.05
		1880 (18900)	23.12	22.33	21.04	18.09
		1857.5 (18675)	23.16	22.44	21.14	18.12
	36RB-High (38)	1902.5 (19125)	22.20	21.12	20.14	18.18
		1880 (18900)	22.17	21.02	20.26	18.18
		1857.5 (18675)	22.30	21.20	20.35	18.02
	36RB-Middle (19)	1902.5 (19125)	22.25	21.22	20.24	17.89
		1880 (18900)	22.18	21.27	20.02	18.16
		1857.5 (18675)	22.33	21.21	20.37	18.03
	36RB-Low (0)	1902.5 (19125)	22.24	21.18	20.15	18.08
		1880 (18900)	22.26	21.39	20.02	18.21
		1857.5 (18675)	22.16	21.23	20.12	18.11
	75RB (0)	1902.5 (19125)	22.27	21.20	20.01	18.01
		1880 (18900)	22.25	21.19	20.09	18.01
		1857.5 (18675)	22.12	21.18	20.35	18.17
20MHz	1RB-High (99)	1900 (19100)	23.28	22.22	21.17	18.01
		1880 (18900)	23.24	22.27	21.28	18.14
		1860 (18700)	23.23	22.23	21.31	18.02
	1RB-Middle (50)	1900 (19100)	23.21	22.22	21.26	18.12
		1880 (18900)	23.30	22.19	21.31	18.17
		1860 (18700)	23.17	22.24	21.22	18.15
	1RB-Low (0)	1900 (19100)	23.27	22.16	21.23	18.09
		1880 (18900)	23.23	22.29	21.17	18.11
		1860 (18700)	23.20	22.31	21.20	18.05
	50RB-High (50)	1900 (19100)	22.23	21.19	20.21	18.09
		1880 (18900)	22.29	21.13	20.19	18.17
		1860 (18700)	22.17	21.10	20.30	18.07

	50RB-Middle (25)	1900 (19100)	22.18	21.28	20.32	18.00
		1880 (18900)	22.22	21.28	20.15	18.09
		1860 (18700)	22.21	21.24	20.27	18.16
	50RB-Low (0)	1900 (19100)	22.20	21.26	20.11	18.00
		1880 (18900)	22.24	21.29	20.11	18.13
		1860 (18700)	22.17	21.26	20.22	18.03
	100RB (0)	1900 (19100)	22.21	21.20	20.10	18.13
		1880 (18900)	22.25	21.10	20.13	18.10
		1860 (18700)	22.19	21.18	20.26	18.05

LTE B2 ANT2 Power Level E1

LTE B2 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1909.3 (19193)	19.60	19.36	19.57	17.77
		1880 (18900)	19.59	19.46	19.36	17.76
		1850.7 (18607)	19.38	19.31	19.51	17.62
	1RB-Middle (3)	1909.3 (19193)	19.49	19.44	19.53	17.71
		1880 (18900)	19.54	19.48	19.30	17.79
		1850.7 (18607)	19.55	19.62	19.53	17.77
	1RB-Low (0)	1909.3 (19193)	19.40	19.56	19.36	17.91
		1880 (18900)	19.59	19.57	19.50	17.84
		1850.7 (18607)	19.55	19.30	19.65	17.74
	3RB-High (3)	1909.3 (19193)	19.58	19.47	19.65	17.83
		1880 (18900)	19.47	19.40	19.58	17.93
		1850.7 (18607)	19.32	19.50	19.21	17.77
	3RB-Middle (1)	1909.3 (19193)	19.32	19.40	19.48	17.78
		1880 (18900)	19.48	19.45	19.55	17.81
		1850.7 (18607)	19.43	19.62	19.41	17.77
	3RB-Low (0)	1909.3 (19193)	19.49	19.38	19.41	17.96
		1880 (18900)	19.52	19.53	19.45	17.84
		1850.7 (18607)	19.48	19.58	19.51	17.86
	6RB (0)	1909.3 (19193)	19.32	19.44	19.39	17.89
		1880 (18900)	19.44	19.38	19.28	17.81
		1850.7 (18607)	19.34	19.26	19.38	17.95
3MHz	1RB-High (14)	1908.5 (19185)	19.50	19.41	19.70	17.87
		1880 (18900)	19.54	19.47	19.44	17.92
		1851.5 (18615)	19.53	19.35	19.51	17.80
	1RB-Middle (7)	1908.5 (19185)	19.61	19.37	19.47	17.81
		1880 (18900)	19.65	19.65	19.27	17.75
		1851.5 (18615)	19.47	19.48	19.53	17.80
	1RB-Low (0)	1908.5 (19185)	19.63	19.44	19.39	17.82

		1880 (18900)	19.57	19.43	19.33	17.82
		1851.5 (18615)	19.39	19.48	19.57	17.78
	8RB-High (7)	1908.5 (19185)	19.45	19.39	19.61	17.81
		1880 (18900)	19.64	19.47	19.69	18.02
		1851.5 (18615)	19.52	19.41	19.29	17.89
	8RB-Middle (4)	1908.5 (19185)	19.35	19.45	19.34	17.79
		1880 (18900)	19.60	19.44	19.64	18.05
		1851.5 (18615)	19.39	19.46	19.49	17.89
	8RB-Low (0)	1908.5 (19185)	19.39	19.53	19.44	17.84
		1880 (18900)	19.55	19.63	19.55	17.92
		1851.5 (18615)	19.46	19.63	19.66	17.84
	15RB (0)	1908.5 (19185)	19.53	19.43	19.23	17.77
		1880 (18900)	19.51	19.48	19.42	17.95
		1851.5 (18615)	19.54	19.36	19.35	17.77
5MHz	1RB-High (24)	1907.5 (19175)	19.66	19.41	19.56	17.93
		1880 (18900)	19.51	19.45	19.37	17.84
		1852.5 (18625)	19.47	19.29	19.40	17.80
	1RB-Middle (12)	1907.5 (19175)	19.53	19.48	19.34	17.77
		1880 (18900)	19.45	19.69	19.51	17.77
		1852.5 (18625)	19.33	19.44	19.66	17.73
	1RB-Low (0)	1907.5 (19175)	19.38	19.46	19.43	17.76
		1880 (18900)	19.56	19.37	19.40	17.87
		1852.5 (18625)	19.51	19.49	19.60	17.77
	12RB-High (13)	1907.5 (19175)	19.52	19.51	19.63	17.86
		1880 (18900)	19.53	19.62	19.66	18.04
		1852.5 (18625)	19.35	19.48	19.33	17.94
	12RB-Middle (6)	1907.5 (19175)	19.55	19.53	19.39	17.87
		1880 (18900)	19.63	19.52	19.42	17.86
		1852.5 (18625)	19.45	19.57	19.35	17.82
	12RB-Low (0)	1907.5 (19175)	19.56	19.51	19.54	17.97
		1880 (18900)	19.51	19.52	19.47	17.81
		1852.5 (18625)	19.35	19.59	19.68	17.86
	25RB (0)	1907.5 (19175)	19.29	19.51	19.31	17.78
		1880 (18900)	19.42	19.38	19.27	17.87
		1852.5 (18625)	19.53	19.43	19.30	17.80
10MHz	1RB-High (49)	1905 (19150)	19.44	19.57	19.46	17.77
		1880 (18900)	19.67	19.48	19.44	17.71
		1855 (18650)	19.39	19.45	19.35	17.76
	1RB-Middle (24)	1905 (19150)	19.44	19.51	19.35	17.76
		1880 (18900)	19.52	19.54	19.33	17.72
		1855 (18650)	19.55	19.53	19.62	17.60
	1RB-Low (0)	1905 (19150)	19.52	19.60	19.47	17.74

		1880 (18900)	19.36	19.38	19.50	17.65
		1855 (18650)	19.55	19.29	19.47	17.74
	25RB-High (25)	1905 (19150)	19.45	19.47	19.46	17.99
		1880 (18900)	19.61	19.51	19.54	18.07
		1855 (18650)	19.43	19.36	19.38	17.93
	25RB-Middle (12)	1905 (19150)	19.33	19.61	19.36	17.85
		1880 (18900)	19.62	19.26	19.62	18.02
		1855 (18650)	19.52	19.52	19.39	17.93
	25RB-Low (0)	1905 (19150)	19.59	19.52	19.35	17.92
		1880 (18900)	19.41	19.47	19.60	17.77
		1855 (18650)	19.36	19.42	19.51	17.79
	50RB (0)	1905 (19150)	19.46	19.38	19.36	17.89
		1880 (18900)	19.50	19.55	19.40	17.80
		1855 (18650)	19.45	19.22	19.48	17.74
15MHz	1RB-High (74)	1902.5 (19125)	19.54	19.40	19.62	17.81
		1880 (18900)	19.56	19.42	19.54	17.73
		1857.5 (18675)	19.46	19.44	19.32	17.69
	1RB-Middle (37)	1902.5 (19125)	19.42	19.47	19.33	17.66
		1880 (18900)	19.46	19.67	19.50	17.81
		1857.5 (18675)	19.48	19.53	19.55	17.76
	1RB-Low (0)	1902.5 (19125)	19.44	19.47	19.56	17.87
		1880 (18900)	19.52	19.35	19.56	17.75
		1857.5 (18675)	19.48	19.36	19.41	17.78
	36RB-High (38)	1902.5 (19125)	19.45	19.38	19.70	17.84
		1880 (18900)	19.49	19.42	19.66	17.87
		1857.5 (18675)	19.28	19.32	19.23	17.85
	36RB-Middle (19)	1902.5 (19125)	19.38	19.48	19.53	17.75
		1880 (18900)	19.62	19.35	19.48	17.82
		1857.5 (18675)	19.55	19.50	19.23	17.88
	36RB-Low (0)	1902.5 (19125)	19.36	19.50	19.48	17.90
		1880 (18900)	19.41	19.57	19.60	17.79
		1857.5 (18675)	19.39	19.48	19.54	17.84
	75RB (0)	1902.5 (19125)	19.40	19.45	19.40	17.94
		1880 (18900)	19.49	19.33	19.47	17.92
		1857.5 (18675)	19.32	19.40	19.54	17.94
20MHz	1RB-High (99)	1900 (19100)	19.53	19.45	19.59	17.81
		1880 (18900)	19.55	19.47	19.49	17.83
		1860 (18700)	19.46	19.38	19.43	17.74
	1RB-Middle (50)	1900 (19100)	19.48	19.44	19.42	17.76
		1880 (18900)	19.53	19.59	19.40	17.81
		1860 (18700)	19.44	19.53	19.53	17.72
	1RB-Low (0)	1900 (19100)	19.51	19.54	19.48	17.79

		1880 (18900)	19.48	19.47	19.44	17.76
		1860 (18700)	19.47	19.36	19.52	17.75
	50RB-High (50)	1900 (19100)	19.47	19.48	19.58	17.88
		1880 (18900)	19.53	19.49	19.56	17.94
		1860 (18700)	19.40	19.42	19.28	17.82
	50RB-Middle (25)	1900 (19100)	19.43	19.50	19.46	17.84
		1880 (18900)	19.51	19.39	19.55	17.92
		1860 (18700)	19.43	19.56	19.36	17.84
	50RB-Low (0)	1900 (19100)	19.48	19.42	19.45	17.89
		1880 (18900)	19.48	19.56	19.50	17.89
		1860 (18700)	19.46	19.55	19.55	17.87
	100RB (0)	1900 (19100)	19.42	19.45	19.35	17.83
		1880 (18900)	19.48	19.45	19.36	17.89
		1860 (18700)	19.42	19.34	19.43	17.83

LTE B4 ANT0 Power Level A1/B1/D1

LTE B4						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1754.3 (20393)	23.38	22.74	21.79	18.46
		1732.5 (20175)	23.59	22.73	21.92	18.35
		1710.7 (19957)	23.45	22.80	21.75	18.53
	1RB-Middle (3)	1754.3 (20393)	23.39	22.62	21.69	18.62
		1732.5 (20175)	23.62	22.71	21.92	18.54
		1710.7 (19957)	23.51	22.65	21.73	18.51
	1RB-Low (0)	1754.3 (20393)	23.44	22.50	21.71	18.44
		1732.5 (20175)	23.58	22.83	21.86	18.63
		1710.7 (19957)	23.47	22.70	21.81	18.56
	3RB-High (3)	1754.3 (20393)	23.53	22.39	21.61	18.41
		1732.5 (20175)	23.61	22.54	21.71	18.42
		1710.7 (19957)	23.60	22.56	21.62	18.64
	3RB-Middle (1)	1754.3 (20393)	23.50	22.30	21.66	18.60
		1732.5 (20175)	23.49	22.54	21.78	18.43
		1710.7 (19957)	23.55	22.40	21.69	18.38
	3RB-Low (0)	1754.3 (20393)	23.39	22.40	21.61	18.57
		1732.5 (20175)	23.56	22.54	21.69	18.45
		1710.7 (19957)	23.50	22.42	21.74	18.65
	6RB (0)	1754.3 (20393)	22.42	21.64	20.55	18.38
		1732.5 (20175)	22.55	21.79	20.61	18.48
		1710.7 (19957)	22.53	21.73	20.62	18.44
3MHz	1RB-High (14)	1753.5 (20385)	23.31	22.65	21.72	18.42
		1732.5 (20175)	23.62	22.72	21.87	18.50

		1711.5 (19965)	23.60	22.74	21.74	18.53
	1RB-Middle (7)	1753.5 (20385)	23.41	22.80	21.71	18.63
		1732.5 (20175)	23.58	22.95	21.87	18.43
		1711.5 (19965)	23.60	22.72	21.74	18.58
	1RB-Low (0)	1753.5 (20385)	23.34	22.74	21.68	18.51
		1732.5 (20175)	23.54	22.74	21.87	18.42
		1711.5 (19965)	23.56	22.67	21.76	18.49
	8RB-High (7)	1753.5 (20385)	22.38	21.59	20.60	18.35
		1732.5 (20175)	22.54	21.71	20.76	18.44
		1711.5 (19965)	22.52	21.71	20.60	18.49
	8RB-Middle (4)	1753.5 (20385)	22.40	21.62	20.56	18.52
		1732.5 (20175)	22.56	21.76	20.66	18.50
		1711.5 (19965)	22.57	21.72	20.69	18.57
	8RB-Low (0)	1753.5 (20385)	22.40	21.62	20.58	18.48
		1732.5 (20175)	22.57	21.79	20.79	18.37
		1711.5 (19965)	22.55	21.71	20.70	18.48
	15RB (0)	1753.5 (20385)	22.37	21.55	20.48	18.37
		1732.5 (20175)	22.54	21.70	20.71	18.50
		1711.5 (19965)	22.50	21.65	20.63	18.65
5MHz	1RB-High (24)	1752.5 (20375)	23.56	22.82	21.72	18.63
		1732.5 (20175)	23.60	22.92	21.81	18.43
		1712.5 (19975)	23.63	22.87	21.76	18.46
	1RB-Middle (12)	1752.5 (20375)	23.47	22.73	21.77	18.55
		1732.5 (20175)	23.70	22.91	21.80	18.59
		1712.5 (19975)	23.65	22.85	21.83	18.47
	1RB-Low (0)	1752.5 (20375)	23.42	22.63	21.76	18.60
		1732.5 (20175)	23.66	22.97	21.90	18.44
		1712.5 (19975)	23.55	22.93	21.75	18.62
	12RB-High (13)	1752.5 (20375)	22.53	21.65	20.64	18.55
		1732.5 (20175)	22.62	21.74	20.76	18.45
		1712.5 (19975)	22.56	21.69	20.68	18.46
	12RB-Middle (6)	1752.5 (20375)	22.47	21.59	20.58	18.49
		1732.5 (20175)	22.65	21.79	20.78	18.40
		1712.5 (19975)	22.57	21.74	20.78	18.56
	12RB-Low (0)	1752.5 (20375)	22.50	21.63	20.61	18.41
		1732.5 (20175)	22.61	21.77	20.82	18.42
		1712.5 (19975)	22.62	21.74	20.76	18.40
	25RB (0)	1752.5 (20375)	22.49	21.59	20.60	18.61
		1732.5 (20175)	22.66	21.75	20.70	18.39
		1712.5 (19975)	22.65	21.73	20.67	18.62
10MHz	1RB-High (49)	1750 (20350)	23.49	22.82	21.85	18.44
		1732.5 (20175)	23.63	22.95	21.89	18.63

		1715 (20000)	23.68	22.91	21.92	18.64
	1RB-Middle (24)	1750 (20350)	23.49	22.75	21.82	18.63
		1732.5 (20175)	23.69	22.98	21.88	18.35
		1715 (20000)	23.75	22.89	21.77	18.41
	1RB-Low (0)	1750 (20350)	23.53	22.79	21.78	18.40
		1732.5 (20175)	23.70	22.92	21.96	18.60
		1715 (20000)	23.73	22.88	21.82	18.55
	25RB-High (25)	1750 (20350)	22.57	21.61	20.63	18.51
		1732.5 (20175)	22.63	21.72	20.71	18.48
		1715 (20000)	22.73	21.76	20.75	18.58
	25RB-Middle (12)	1750 (20350)	22.53	21.64	20.61	18.59
		1732.5 (20175)	22.66	21.77	20.75	18.52
		1715 (20000)	22.65	21.73	20.69	18.39
	25RB-Low (0)	1750 (20350)	22.52	21.59	20.62	18.61
		1732.5 (20175)	22.65	21.81	20.80	18.65
		1715 (20000)	22.66	21.73	20.70	18.40
	50RB (0)	1750 (20350)	22.53	21.61	20.58	18.65
		1732.5 (20175)	22.64	21.73	20.73	18.50
		1715 (20000)	22.64	21.75	20.70	18.58
15MHz	1RB-High (74)	1747.5 (20325)	23.49	22.78	21.75	18.52
		1732.5 (20175)	23.63	22.83	21.89	18.39
		1717.5 (20025)	23.67	22.97	21.92	18.53
	1RB-Middle (37)	1747.5 (20325)	23.51	22.73	21.74	18.57
		1732.5 (20175)	23.71	22.87	21.95	18.63
		1717.5 (20025)	23.71	22.90	21.85	18.62
	1RB-Low (0)	1747.5 (20325)	23.61	22.86	21.80	18.45
		1732.5 (20175)	23.69	22.95	21.94	18.58
		1717.5 (20025)	23.62	22.88	21.84	18.47
	36RB-High (38)	1747.5 (20325)	22.51	21.61	20.59	18.45
		1732.5 (20175)	22.61	21.68	20.69	18.49
		1717.5 (20025)	22.70	21.74	20.78	18.40
	36RB-Middle (19)	1747.5 (20325)	22.46	21.59	20.62	18.44
		1732.5 (20175)	22.60	21.72	20.76	18.48
		1717.5 (20025)	22.66	21.74	20.75	18.58
	36RB-Low (0)	1747.5 (20325)	22.51	21.60	20.63	18.35
		1732.5 (20175)	22.64	21.73	20.76	18.53
		1717.5 (20025)	22.62	21.65	20.72	18.47
	75RB (0)	1747.5 (20325)	22.53	21.61	20.61	18.64
		1732.5 (20175)	22.66	21.75	20.71	18.65
		1717.5 (20025)	22.66	21.72	20.73	18.35
20MHz	1RB-High (99)	1745 (20300)	23.44	22.77	21.69	18.48
		1732.5 (20175)	23.55	22.77	21.87	18.46

		1720 (20050)	23.65	22.89	21.94	18.47
	1RB-Middle (50)	1745 (20300)	23.50	22.88	21.75	18.49
		1732.5 (20175)	23.67	22.89	21.88	18.53
		1720 (20050)	23.57	22.97	21.82	18.36
	1RB-Low (0)	1745 (20300)	23.66	22.90	21.97	18.40
		1732.5 (20175)	23.69	22.99	21.96	18.38
		1720 (20050)	23.70	22.73	21.80	18.60
	50RB-High (50)	1745 (20300)	22.56	21.63	20.62	18.50
		1732.5 (20175)	22.62	21.68	20.66	18.51
		1720 (20050)	22.69	21.77	20.77	18.56
	50RB-Middle (25)	1745 (20300)	22.50	21.62	20.62	18.37
		1732.5 (20175)	22.61	21.77	20.73	18.49
		1720 (20050)	22.66	21.74	20.72	18.58
	50RB-Low (0)	1745 (20300)	22.56	21.70	20.68	18.37
		1732.5 (20175)	22.64	21.78	20.77	18.47
		1720 (20050)	22.67	21.78	20.78	18.40
	100RB (0)	1745 (20300)	22.54	21.63	20.62	18.40
		1732.5 (20175)	22.65	21.75	20.72	18.41
		1720 (20050)	22.68	21.76	20.75	18.39

LTE B4 ANT0 Power Level C1

LTE B4						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1754.3 (20393)	16.05	15.43	14.32	11.40
		1732.5 (20175)	16.06	15.48	14.32	11.33
		1710.7 (19957)	15.97	15.30	14.20	11.45
	1RB-Middle (3)	1754.3 (20393)	16.13	15.41	14.23	11.25
		1732.5 (20175)	16.09	15.47	14.30	11.44
		1710.7 (19957)	16.01	15.35	14.14	11.20
	1RB-Low (0)	1754.3 (20393)	16.12	15.50	14.26	11.45
		1732.5 (20175)	16.07	15.33	14.36	11.34
		1710.7 (19957)	16.01	15.25	14.25	11.40
	3RB-High (3)	1754.3 (20393)	16.15	14.99	14.18	11.29
		1732.5 (20175)	16.08	15.03	14.17	11.24
		1710.7 (19957)	16.00	14.90	14.05	11.28
	3RB-Middle (1)	1754.3 (20393)	16.13	15.13	14.18	11.21
		1732.5 (20175)	16.08	15.01	14.13	11.17
		1710.7 (19957)	16.02	14.93	14.11	11.29
	3RB-Low (0)	1754.3 (20393)	16.15	15.08	14.13	11.17
		1732.5 (20175)	16.06	15.00	14.11	11.34
		1710.7 (19957)	16.01	14.94	14.08	11.42

	6RB (0)	1754.3 (20393)	15.12	14.17	13.04	11.30
		1732.5 (20175)	15.02	14.20	12.98	11.31
		1710.7 (19957)	14.96	14.07	12.85	11.21
3MHz	1RB-High (14)	1753.5 (20385)	16.06	15.35	14.36	11.42
		1732.5 (20175)	16.10	15.56	14.31	11.40
		1711.5 (19965)	15.98	15.13	14.14	11.31
	1RB-Middle (7)	1753.5 (20385)	16.03	15.42	14.26	11.17
		1732.5 (20175)	16.02	15.42	14.31	11.32
		1711.5 (19965)	15.99	15.28	14.20	11.42
	1RB-Low (0)	1753.5 (20385)	16.09	15.42	14.26	11.23
		1732.5 (20175)	16.04	15.41	14.21	11.21
		1711.5 (19965)	16.03	15.28	14.12	11.30
	8RB-High (7)	1753.5 (20385)	15.10	14.15	13.11	11.31
		1732.5 (20175)	15.06	14.10	13.18	11.38
		1711.5 (19965)	15.05	14.00	13.00	11.21
	8RB-Middle (4)	1753.5 (20385)	15.14	14.16	13.11	11.33
		1732.5 (20175)	15.08	14.12	13.14	11.33
		1711.5 (19965)	15.03	14.04	13.02	11.25
	8RB-Low (0)	1753.5 (20385)	15.15	14.19	13.17	11.30
		1732.5 (20175)	15.12	14.19	13.13	11.18
		1711.5 (19965)	15.03	14.09	13.09	11.30
	15RB (0)	1753.5 (20385)	15.13	14.08	13.06	11.42
		1732.5 (20175)	15.09	14.09	13.08	11.27
		1711.5 (19965)	14.97	13.96	12.95	11.40
5MHz	1RB-High (24)	1752.5 (20375)	16.20	15.36	14.29	11.22
		1732.5 (20175)	16.17	15.40	14.31	11.45
		1712.5 (19975)	16.05	15.46	14.25	11.24
	1RB-Middle (12)	1752.5 (20375)	16.19	15.41	14.34	11.45
		1732.5 (20175)	16.14	15.54	14.35	11.25
		1712.5 (19975)	16.09	15.40	14.26	11.19
	1RB-Low (0)	1752.5 (20375)	16.18	15.34	14.34	11.17
		1732.5 (20175)	16.16	15.37	14.41	11.27
		1712.5 (19975)	16.02	15.41	14.30	11.25
	12RB-High (13)	1752.5 (20375)	15.23	14.20	13.19	11.45
		1732.5 (20175)	15.19	14.16	13.20	11.34
		1712.5 (19975)	14.96	14.01	13.07	11.27
	12RB-Middle (6)	1752.5 (20375)	15.14	14.17	13.23	11.20
		1732.5 (20175)	15.16	14.12	13.17	11.16
		1712.5 (19975)	15.08	14.02	13.06	11.42
	12RB-Low (0)	1752.5 (20375)	15.20	14.24	13.21	11.39
		1732.5 (20175)	15.12	14.17	13.14	11.23
		1712.5 (19975)	15.12	14.12	13.09	11.18

	25RB (0)	1752.5 (20375)	15.21	14.16	13.18	11.16
		1732.5 (20175)	15.18	14.20	13.11	11.43
		1712.5 (19975)	15.09	14.07	13.00	11.22
10MHz	1RB-High (49)	1750 (20350)	16.18	15.53	14.35	11.41
		1732.5 (20175)	16.21	15.60	14.29	11.41
		1715 (20000)	16.13	15.55	14.28	11.34
	1RB-Middle (24)	1750 (20350)	16.15	15.44	14.37	11.38
		1732.5 (20175)	16.14	15.41	14.22	11.19
		1715 (20000)	16.02	15.48	14.30	11.33
	1RB-Low (0)	1750 (20350)	16.14	15.40	14.31	11.32
		1732.5 (20175)	16.19	15.45	14.31	11.37
		1715 (20000)	16.04	15.35	14.21	11.40
	25RB-High (25)	1750 (20350)	15.24	14.18	13.19	11.38
		1732.5 (20175)	15.21	14.15	13.15	11.41
		1715 (20000)	15.08	14.08	13.11	11.19
	25RB-Middle (12)	1750 (20350)	15.20	14.17	13.18	11.39
		1732.5 (20175)	15.18	14.17	13.13	11.30
		1715 (20000)	15.08	14.01	13.03	11.45
	25RB-Low (0)	1750 (20350)	15.15	14.18	13.12	11.26
		1732.5 (20175)	15.16	14.13	13.11	11.21
		1715 (20000)	15.11	14.08	13.08	11.36
	50RB (0)	1750 (20350)	15.20	14.13	13.15	11.31
		1732.5 (20175)	15.14	14.17	13.15	11.31
		1715 (20000)	15.08	14.10	13.11	11.37
15MHz	1RB-High (74)	1747.5 (20325)	16.10	15.54	14.34	11.45
		1732.5 (20175)	16.19	15.39	14.38	11.15
		1717.5 (20025)	16.14	15.48	14.30	11.31
	1RB-Middle (37)	1747.5 (20325)	16.12	15.39	14.28	11.36
		1732.5 (20175)	16.14	15.48	14.34	11.15
		1717.5 (20025)	16.12	15.41	14.30	11.16
	1RB-Low (0)	1747.5 (20325)	16.16	15.68	14.36	11.22
		1732.5 (20175)	16.13	15.47	14.35	11.27
		1717.5 (20025)	16.04	15.35	14.34	11.28
	36RB-High (38)	1747.5 (20325)	15.16	14.16	13.16	11.29
		1732.5 (20175)	15.21	14.14	13.19	11.20
		1717.5 (20025)	15.11	14.08	13.11	11.18
	36RB-Middle (19)	1747.5 (20325)	15.14	14.12	13.13	11.28
		1732.5 (20175)	15.14	14.13	13.15	11.22
		1717.5 (20025)	15.14	14.10	13.12	11.44
	36RB-Low (0)	1747.5 (20325)	15.18	14.17	13.15	11.39
		1732.5 (20175)	15.09	14.10	13.13	11.37
		1717.5 (20025)	15.11	14.04	13.10	11.44

	75RB (0)	1747.5 (20325)	15.12	14.18	13.20	11.43
		1732.5 (20175)	15.17	14.18	13.15	11.31
		1717.5 (20025)	15.10	14.14	13.11	11.38
20MHz	1RB-High (99)	1745 (20300)	16.19	15.43	14.36	11.27
		1732.5 (20175)	16.16	15.63	14.40	11.28
		1720 (20050)	16.20	15.53	14.36	11.23
	1RB-Middle (50)	1745 (20300)	16.07	15.46	14.34	11.41
		1732.5 (20175)	16.16	15.55	14.33	11.44
		1720 (20050)	16.10	15.59	14.26	11.36
	1RB-Low (0)	1745 (20300)	16.18	15.57	14.40	11.43
		1732.5 (20175)	16.14	15.49	14.40	11.28
		1720 (20050)	16.07	15.39	14.22	11.43
	50RB-High (50)	1745 (20300)	15.23	14.22	13.20	11.28
		1732.5 (20175)	15.18	14.18	13.19	11.38
		1720 (20050)	15.25	14.15	13.17	11.27
	50RB-Middle (25)	1745 (20300)	15.21	14.19	13.19	11.41
		1732.5 (20175)	15.20	14.18	13.19	11.18
		1720 (20050)	15.19	14.18	13.17	11.44
	50RB-Low (0)	1745 (20300)	15.22	14.18	13.18	11.34
		1732.5 (20175)	15.15	14.15	13.16	11.23
		1720 (20050)	15.11	14.14	13.15	11.20
	100RB (0)	1745 (20300)	15.23	14.18	13.18	11.36
		1732.5 (20175)	15.16	14.12	13.13	11.44
		1720 (20050)	15.11	14.10	13.11	11.30

LTE B4 ANT0 Power Level E1

LTE B4						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1754.3 (20393)	14.13	13.11	12.19	9.28
		1732.5 (20175)	14.27	13.38	12.23	9.32
		1710.7 (19957)	14.21	13.42	12.18	9.35
	1RB-Middle (3)	1754.3 (20393)	14.24	13.16	12.11	9.27
		1732.5 (20175)	14.25	13.36	12.19	9.38
		1710.7 (19957)	14.21	13.36	12.32	9.04
	1RB-Low (0)	1754.3 (20393)	14.17	13.36	12.10	9.28
		1732.5 (20175)	14.30	13.34	12.16	9.33
		1710.7 (19957)	14.23	13.30	12.27	9.18
	3RB-High (3)	1754.3 (20393)	14.18	12.94	12.07	9.25
		1732.5 (20175)	14.26	13.07	12.09	9.05
		1710.7 (19957)	14.19	13.03	12.05	9.16
	3RB-Middle (1)	1754.3 (20393)	14.20	12.97	12.17	9.15

		1732.5 (20175)	14.18	12.99	12.08	9.30
		1710.7 (19957)	14.31	13.05	12.11	9.18
	3RB-Low (0)	1754.3 (20393)	14.22	12.94	12.03	9.01
		1732.5 (20175)	14.22	13.04	12.09	9.23
		1710.7 (19957)	14.22	12.95	12.07	9.04
	6RB (0)	1754.3 (20393)	13.18	12.06	10.97	9.15
		1732.5 (20175)	13.22	12.12	11.06	9.13
		1710.7 (19957)	13.22	12.13	10.93	9.19
3MHz	1RB-High (14)	1753.5 (20385)	14.14	13.11	12.13	9.15
		1732.5 (20175)	14.24	13.25	12.19	9.42
		1711.5 (19965)	14.17	13.25	12.24	9.24
	1RB-Middle (7)	1753.5 (20385)	14.12	13.25	12.18	9.23
		1732.5 (20175)	14.31	13.55	12.20	9.38
		1711.5 (19965)	14.16	13.32	12.18	9.26
	1RB-Low (0)	1753.5 (20385)	14.18	13.39	12.11	9.29
		1732.5 (20175)	14.27	13.44	12.30	9.26
		1711.5 (19965)	14.28	13.14	12.13	9.40
	8RB-High (7)	1753.5 (20385)	13.20	12.15	11.01	9.24
		1732.5 (20175)	13.25	12.10	11.10	9.03
		1711.5 (19965)	13.22	12.06	11.06	9.24
	8RB-Middle (4)	1753.5 (20385)	13.11	12.01	11.01	9.14
		1732.5 (20175)	13.20	12.10	11.10	9.21
		1711.5 (19965)	13.23	12.07	11.13	9.02
	8RB-Low (0)	1753.5 (20385)	13.14	12.02	11.01	9.24
		1732.5 (20175)	13.26	12.13	11.12	9.24
		1711.5 (19965)	13.22	12.05	11.13	9.06
	15RB (0)	1753.5 (20385)	13.15	11.90	11.01	9.18
		1732.5 (20175)	13.25	12.04	11.07	9.21
		1711.5 (19965)	13.22	12.03	11.05	9.25
5MHz	1RB-High (24)	1752.5 (20375)	14.29	13.31	12.23	9.12
		1732.5 (20175)	14.25	13.35	12.40	9.44
		1712.5 (19975)	14.31	13.32	12.16	9.20
	1RB-Middle (12)	1752.5 (20375)	14.24	13.29	12.11	9.19
		1732.5 (20175)	14.27	13.45	12.22	9.15
		1712.5 (19975)	14.30	13.47	12.23	9.26
	1RB-Low (0)	1752.5 (20375)	14.21	13.29	12.30	9.25
		1732.5 (20175)	14.29	13.42	12.35	9.18
		1712.5 (19975)	14.22	13.42	12.23	9.28
	12RB-High (13)	1752.5 (20375)	13.24	12.04	11.09	9.00
		1732.5 (20175)	13.31	12.14	11.15	9.08
		1712.5 (19975)	13.31	12.06	11.16	9.17
	12RB-Middle (6)	1752.5 (20375)	13.27	12.04	11.10	9.04

		1732.5 (20175)	13.27	12.13	11.13	9.17
		1712.5 (19975)	13.29	12.14	11.15	9.24
	12RB-Low (0)	1752.5 (20375)	13.22	12.07	11.10	9.00
		1732.5 (20175)	13.31	12.13	11.16	9.19
		1712.5 (19975)	13.36	12.17	11.18	9.14
	25RB (0)	1752.5 (20375)	13.24	12.05	11.04	9.10
		1732.5 (20175)	13.35	12.12	11.13	9.03
		1712.5 (19975)	13.32	12.12	11.14	9.20
10MHz	1RB-High (49)	1750 (20350)	14.23	13.48	12.23	9.27
		1732.5 (20175)	14.27	13.48	12.15	9.34
		1715 (20000)	14.23	13.46	12.19	9.31
	1RB-Middle (24)	1750 (20350)	14.24	13.32	12.36	9.23
		1732.5 (20175)	14.33	13.49	12.35	9.29
		1715 (20000)	14.23	13.38	12.30	9.16
	1RB-Low (0)	1750 (20350)	14.27	13.37	12.24	9.20
		1732.5 (20175)	14.22	13.40	12.33	9.41
		1715 (20000)	14.32	13.53	12.22	9.35
	25RB-High (25)	1750 (20350)	13.30	12.06	11.09	9.01
		1732.5 (20175)	13.31	12.09	11.09	9.21
		1715 (20000)	13.26	12.08	11.07	9.08
	25RB-Middle (12)	1750 (20350)	13.28	12.06	11.10	9.13
		1732.5 (20175)	13.35	12.13	11.13	9.10
		1715 (20000)	13.29	12.09	11.11	9.00
	25RB-Low (0)	1750 (20350)	13.29	12.05	11.07	9.17
		1732.5 (20175)	13.32	12.09	11.11	9.22
		1715 (20000)	13.38	12.16	11.15	9.19
	50RB (0)	1750 (20350)	13.30	12.06	11.08	9.04
		1732.5 (20175)	13.30	12.08	11.10	9.02
		1715 (20000)	13.37	12.12	11.10	9.03
15MHz	1RB-High (74)	1747.5 (20325)	14.32	13.47	12.28	9.28
		1732.5 (20175)	14.33	13.50	12.29	9.35
		1717.5 (20025)	14.35	13.44	12.27	9.32
	1RB-Middle (37)	1747.5 (20325)	14.24	13.52	12.21	9.22
		1732.5 (20175)	14.31	13.45	12.24	9.28
		1717.5 (20025)	14.31	13.45	12.26	9.23
	1RB-Low (0)	1747.5 (20325)	14.38	13.54	12.40	9.35
		1732.5 (20175)	14.39	13.47	12.28	9.24
		1717.5 (20025)	14.33	13.38	12.35	9.23
	36RB-High (38)	1747.5 (20325)	13.29	12.11	11.11	9.20
		1732.5 (20175)	13.32	12.11	11.12	9.24
		1717.5 (20025)	13.27	12.16	11.09	9.24
	36RB-Middle (19)	1747.5 (20325)	13.27	12.07	11.11	9.01

		1732.5 (20175)	13.32	12.12	11.13	9.04
		1717.5 (20025)	13.27	12.06	11.09	9.11
	36RB-Low (0)	1747.5 (20325)	13.33	12.11	11.14	9.17
		1732.5 (20175)	13.36	12.17	11.14	9.11
		1717.5 (20025)	13.34	12.11	11.12	9.26
	75RB (0)	1747.5 (20325)	13.30	12.13	11.10	9.06
		1732.5 (20175)	13.34	12.16	11.13	9.11
		1717.5 (20025)	13.31	12.13	11.10	9.08
20MHz	1RB-High (99)	1745 (20300)	14.27	13.55	12.30	9.22
		1732.5 (20175)	14.32	13.41	12.45	9.33
		1720 (20050)	14.30	13.40	12.35	9.25
	1RB-Middle (50)	1745 (20300)	14.32	13.31	12.35	9.25
		1732.5 (20175)	14.44	13.55	12.38	9.28
		1720 (20050)	14.46	13.41	12.23	9.16
	1RB-Low (0)	1745 (20300)	14.43	13.61	12.44	9.32
		1732.5 (20175)	14.29	13.56	12.38	9.28
		1720 (20050)	14.41	13.42	12.37	9.27
	50RB-High (50)	1745 (20300)	13.36	12.16	11.13	9.12
		1732.5 (20175)	13.41	12.20	11.12	9.12
		1720 (20050)	13.43	12.15	11.14	9.13
	50RB-Middle (25)	1745 (20300)	13.37	12.15	11.10	9.10
		1732.5 (20175)	13.37	12.18	11.18	9.17
		1720 (20050)	13.34	12.14	11.11	9.11
	50RB-Low (0)	1745 (20300)	13.36	12.15	11.13	9.12
		1732.5 (20175)	13.39	12.17	11.18	9.17
		1720 (20050)	13.40	12.19	11.19	9.17
	100RB (0)	1745 (20300)	13.35	12.14	11.10	9.10
		1732.5 (20175)	13.40	12.19	11.15	9.14
		1720 (20050)	13.39	12.15	11.16	9.15

LTE B4 ANT2 Power Level A1/D1

LTE B4 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1754.3 (20393)	23.30	22.20	21.31	18.21
		1732.5 (20175)	23.39	22.19	21.20	18.07
		1710.7 (19957)	23.41	22.21	21.32	17.99
	1RB-Middle (3)	1754.3 (20393)	23.26	22.26	21.25	17.98
		1732.5 (20175)	23.34	22.28	21.31	18.18
		1710.7 (19957)	23.35	22.22	21.33	17.89
	1RB-Low (0)	1754.3 (20393)	23.39	22.39	21.26	18.12
		1732.5 (20175)	23.36	22.23	21.22	17.98

		1710.7 (19957)	23.25	22.11	21.33	18.14
	3RB-High (3)	1754.3 (20393)	23.47	22.14	21.19	17.98
		1732.5 (20175)	23.36	22.16	21.32	18.07
		1710.7 (19957)	23.21	22.24	21.22	18.07
	3RB-Middle (1)	1754.3 (20393)	23.43	22.15	21.12	18.10
		1732.5 (20175)	23.34	22.21	21.32	18.17
		1710.7 (19957)	23.37	22.18	21.37	17.92
	3RB-Low (0)	1754.3 (20393)	23.48	22.38	21.30	17.89
		1732.5 (20175)	23.41	22.08	21.07	18.09
		1710.7 (19957)	23.28	22.32	21.26	18.15
	6RB (0)	1754.3 (20393)	22.31	21.19	20.44	18.10
		1732.5 (20175)	22.30	21.05	20.40	18.05
		1710.7 (19957)	22.22	21.03	20.12	17.91
3MHz	1RB-High (14)	1753.5 (20385)	23.31	22.03	21.23	18.21
		1732.5 (20175)	23.20	22.07	21.24	18.07
		1711.5 (19965)	23.30	22.26	21.23	18.07
	1RB-Middle (7)	1753.5 (20385)	23.19	22.29	21.33	18.13
		1732.5 (20175)	23.22	22.19	21.27	18.06
		1711.5 (19965)	23.44	22.11	21.22	18.06
	1RB-Low (0)	1753.5 (20385)	23.45	22.16	21.16	17.87
		1732.5 (20175)	23.18	23.10	21.25	18.16
		1711.5 (19965)	23.37	22.25	21.33	18.07
	8RB-High (7)	1753.5 (20385)	22.28	21.23	20.42	17.94
		1732.5 (20175)	22.28	21.30	20.32	18.05
		1711.5 (19965)	22.39	21.17	20.11	18.17
	8RB-Middle (4)	1753.5 (20385)	22.35	21.15	20.00	18.15
		1732.5 (20175)	22.34	21.02	20.25	17.88
		1711.5 (19965)	22.20	21.25	20.40	18.04
	8RB-Low (0)	1753.5 (20385)	22.24	21.16	20.36	18.19
		1732.5 (20175)	22.41	21.09	20.42	18.21
		1711.5 (19965)	22.21	21.26	20.10	18.27
	15RB (0)	1753.5 (20385)	22.35	21.21	20.31	18.31
		1732.5 (20175)	22.33	21.31	20.19	18.10
		1711.5 (19965)	22.18	21.22	20.24	18.08
5MHz	1RB-High (24)	1752.5 (20375)	23.35	22.13	21.33	18.17
		1732.5 (20175)	23.30	22.11	21.23	18.09
		1712.5 (19975)	23.39	22.18	21.16	18.15
	1RB-Middle (12)	1752.5 (20375)	23.20	22.32	21.15	17.90
		1732.5 (20175)	23.23	22.27	21.15	17.97
		1712.5 (19975)	23.41	22.15	21.24	17.91
	1RB-Low (0)	1752.5 (20375)	23.28	22.16	21.22	18.04
		1732.5 (20175)	23.42	22.03	21.18	17.96

		1712.5 (19975)	23.27	22.19	21.33	18.03
	12RB-High (13)	1752.5 (20375)	22.27	21.23	20.22	18.14
		1732.5 (20175)	22.23	21.06	20.29	18.24
		1712.5 (19975)	22.18	21.24	20.15	18.31
	12RB-Middle (6)	1752.5 (20375)	22.40	21.12	20.14	17.95
		1732.5 (20175)	22.23	21.04	20.04	18.08
		1712.5 (19975)	22.25	21.04	20.43	18.26
	12RB-Low (0)	1752.5 (20375)	22.35	21.11	20.35	18.04
		1732.5 (20175)	22.44	21.14	20.23	18.21
		1712.5 (19975)	22.06	21.35	20.20	18.07
	25RB (0)	1752.5 (20375)	22.18	21.33	20.38	18.24
		1732.5 (20175)	22.35	21.05	20.36	17.98
		1712.5 (19975)	22.24	21.13	20.23	18.04
10MHz	1RB-High (49)	1750 (20350)	23.33	22.02	21.19	18.14
		1732.5 (20175)	23.39	22.18	21.28	18.03
		1715 (20000)	23.30	22.26	21.06	18.11
	1RB-Middle (24)	1750 (20350)	23.27	22.34	21.31	18.09
		1732.5 (20175)	23.32	22.41	21.20	18.09
		1715 (20000)	23.32	22.22	21.33	17.97
	1RB-Low (0)	1750 (20350)	23.35	22.38	21.30	18.02
		1732.5 (20175)	23.21	22.04	21.10	18.07
		1715 (20000)	23.44	22.18	21.21	18.14
	25RB-High (25)	1750 (20350)	22.26	21.03	20.29	18.03
		1732.5 (20175)	22.21	21.10	20.22	18.14
		1715 (20000)	22.31	21.06	20.24	18.09
	25RB-Middle (12)	1750 (20350)	22.23	21.11	20.08	18.15
		1732.5 (20175)	22.24	21.07	20.19	18.11
		1715 (20000)	22.22	21.11	20.36	18.07
	25RB-Low (0)	1750 (20350)	22.40	21.15	20.23	18.02
		1732.5 (20175)	22.35	21.21	20.42	18.21
		1715 (20000)	22.06	21.29	20.27	18.21
	50RB (0)	1750 (20350)	22.28	21.25	20.26	18.14
		1732.5 (20175)	22.28	21.17	20.22	18.09
		1715 (20000)	22.23	21.06	20.28	18.04
15MHz	1RB-High (74)	1747.5 (20325)	23.40	22.06	21.14	17.95
		1732.5 (20175)	23.24	22.16	21.26	18.07
		1717.5 (20025)	23.35	22.12	21.21	18.04
	1RB-Middle (37)	1747.5 (20325)	23.45	22.33	21.20	18.01
		1732.5 (20175)	23.31	22.28	21.27	17.96
		1717.5 (20025)	23.40	22.17	21.19	18.09
	1RB-Low (0)	1747.5 (20325)	23.27	22.19	21.40	17.96
		1732.5 (20175)	23.18	22.13	21.12	17.93

		1717.5 (20025)	23.37	22.31	21.16	18.04
	36RB-High (38)	1747.5 (20325)	22.30	21.02	20.42	17.98
		1732.5 (20175)	22.39	21.11	20.40	18.19
		1717.5 (20025)	22.32	21.19	20.13	18.24
	36RB-Middle (19)	1747.5 (20325)	22.21	21.14	20.15	17.98
		1732.5 (20175)	22.23	21.16	20.26	18.08
		1717.5 (20025)	22.20	21.08	20.42	18.09
	36RB-Low (0)	1747.5 (20325)	22.31	21.23	20.32	18.06
		1732.5 (20175)	22.32	21.24	20.47	18.21
		1717.5 (20025)	22.17	21.37	20.05	18.10
	75RB (0)	1747.5 (20325)	22.40	21.10	20.33	18.14
		1732.5 (20175)	22.41	21.21	20.34	18.08
		1717.5 (20025)	22.31	21.15	20.12	18.11
20MHz	1RB-High (99)	1745 (20300)	23.36	22.12	21.24	18.08
		1732.5 (20175)	23.31	22.16	21.27	18.02
		1720 (20050)	23.33	22.15	21.19	18.09
	1RB-Middle (50)	1745 (20300)	23.32	22.25	21.20	18.03
		1732.5 (20175)	23.34	22.30	21.26	18.07
		1720 (20050)	23.31	22.12	21.29	18.01
	1RB-Low (0)	1745 (20300)	23.38	22.28	21.29	18.00
		1732.5 (20175)	23.29	22.10	21.13	18.04
		1720 (20050)	23.35	22.20	21.21	18.05
	50RB-High (50)	1745 (20300)	22.28	21.15	20.32	18.06
		1732.5 (20175)	22.33	21.18	20.34	18.17
		1720 (20050)	22.30	21.18	20.12	18.18
	50RB-Middle (25)	1745 (20300)	22.34	21.10	20.10	18.06
		1732.5 (20175)	22.33	21.12	20.15	18.01
		1720 (20050)	22.26	21.13	20.30	18.16
	50RB-Low (0)	1745 (20300)	22.31	21.18	20.30	18.06
		1732.5 (20175)	22.32	21.11	20.35	18.20
		1720 (20050)	22.18	21.35	20.14	18.14
	100RB (0)	1745 (20300)	22.30	21.23	20.31	18.19
		1732.5 (20175)	22.33	21.18	20.32	18.08
		1720 (20050)	22.23	21.10	20.15	18.01

LTE B4 ANT2 Power Level E1

LTE B4 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1754.3 (20393)	18.70	18.64	18.84	17.91
		1732.5 (20175)	18.88	18.70	18.96	17.87
		1710.7 (19957)	18.84	18.77	18.89	17.95
	1RB-Middle (3)	1754.3 (20393)	18.84	18.95	18.82	17.73
		1732.5 (20175)	18.66	18.93	18.84	17.86
		1710.7 (19957)	18.92	18.65	18.62	18.02
	1RB-Low (0)	1754.3 (20393)	18.77	19.00	18.81	17.81
		1732.5 (20175)	18.81	18.69	18.68	17.78
		1710.7 (19957)	18.74	18.67	18.70	17.89
	3RB-High (3)	1754.3 (20393)	18.62	18.58	18.85	17.88
		1732.5 (20175)	18.66	18.63	18.88	17.87
		1710.7 (19957)	18.83	18.71	18.74	17.87
	3RB-Middle (1)	1754.3 (20393)	18.77	18.72	18.76	18.08
		1732.5 (20175)	18.74	18.82	18.77	17.89
		1710.7 (19957)	18.75	18.67	18.64	17.80
	3RB-Low (0)	1754.3 (20393)	18.67	18.90	18.74	18.01
		1732.5 (20175)	18.82	18.78	18.84	18.05
		1710.7 (19957)	18.72	18.53	18.50	17.79
	6RB (0)	1754.3 (20393)	18.61	18.81	18.79	17.89
		1732.5 (20175)	18.90	18.73	18.82	17.96
		1710.7 (19957)	18.67	18.54	18.81	18.04
3MHz	1RB-High (14)	1753.5 (20385)	18.64	18.59	18.67	17.90
		1732.5 (20175)	18.89	18.80	18.71	17.75
		1711.5 (19965)	18.86	18.89	18.67	17.95
	1RB-Middle (7)	1753.5 (20385)	18.63	18.94	18.94	17.98
		1732.5 (20175)	18.74	18.89	18.60	17.86
		1711.5 (19965)	18.67	18.70	18.70	17.94
	1RB-Low (0)	1753.5 (20385)	18.87	18.91	18.68	17.88
		1732.5 (20175)	18.90	18.89	18.69	17.97
		1711.5 (19965)	18.87	18.67	18.53	17.93
	8RB-High (7)	1753.5 (20385)	18.70	18.71	18.69	17.88
		1732.5 (20175)	18.60	18.83	18.74	17.83
		1711.5 (19965)	18.65	18.64	18.68	17.82
	8RB-Middle (4)	1753.5 (20385)	18.63	18.72	18.79	18.04
		1732.5 (20175)	18.77	18.75	18.76	17.95
		1711.5 (19965)	18.57	18.63	18.58	17.95
	8RB-Low (0)	1753.5 (20385)	18.62	18.77	18.81	17.89
		1732.5 (20175)	18.75	18.93	18.84	17.94

		1711.5 (19965)	18.58	18.52	18.51	17.78
	15RB (0)	1753.5 (20385)	18.61	18.88	18.79	17.91
		1732.5 (20175)	18.80	18.89	18.84	17.98
		1711.5 (19965)	18.79	18.53	18.63	17.87
5MHz	1RB-High (24)	1752.5 (20375)	18.71	18.54	18.80	18.00
		1732.5 (20175)	18.89	18.61	18.96	17.88
		1712.5 (19975)	18.76	18.75	18.78	17.98
	1RB-Middle (12)	1752.5 (20375)	18.61	18.73	18.86	17.97
		1732.5 (20175)	18.71	18.74	18.77	17.83
		1712.5 (19975)	18.80	18.67	18.72	17.90
	1RB-Low (0)	1752.5 (20375)	18.73	18.85	18.76	17.99
		1732.5 (20175)	18.78	18.70	18.65	17.93
		1712.5 (19975)	18.68	18.70	18.69	17.79
	12RB-High (13)	1752.5 (20375)	18.77	18.71	18.83	17.86
		1732.5 (20175)	18.79	18.62	18.84	18.03
		1712.5 (19975)	18.82	18.65	18.60	17.86
	12RB-Middle (6)	1752.5 (20375)	18.68	18.82	18.90	18.09
		1732.5 (20175)	18.79	18.60	18.76	18.00
		1712.5 (19975)	18.62	18.61	18.62	18.05
	12RB-Low (0)	1752.5 (20375)	18.67	18.75	18.64	17.86
		1732.5 (20175)	18.74	18.83	18.78	18.03
		1712.5 (19975)	18.70	18.45	18.47	17.87
	25RB (0)	1752.5 (20375)	18.76	18.84	18.91	17.98
		1732.5 (20175)	18.79	18.84	19.00	18.03
		1712.5 (19975)	18.57	18.65	18.78	18.04
10MHz	1RB-High (49)	1750 (20350)	18.64	18.56	18.82	17.97
		1732.5 (20175)	18.64	18.59	18.87	17.81
		1715 (20000)	18.75	18.80	18.80	17.94
	1RB-Middle (24)	1750 (20350)	18.72	18.92	18.91	17.99
		1732.5 (20175)	18.65	18.72	18.79	17.75
		1715 (20000)	18.74	18.73	18.71	18.01
	1RB-Low (0)	1750 (20350)	18.86	18.81	18.81	17.95
		1732.5 (20175)	18.91	18.84	18.74	17.95
		1715 (20000)	18.64	18.52	18.76	17.86
	25RB-High (25)	1750 (20350)	18.82	18.76	18.86	17.84
		1732.5 (20175)	18.80	18.58	18.79	17.95
		1715 (20000)	18.61	18.58	18.71	17.92
	25RB-Middle (12)	1750 (20350)	18.89	18.83	18.90	17.87
		1732.5 (20175)	18.73	18.71	18.77	17.93
		1715 (20000)	18.59	18.62	18.72	17.92
	25RB-Low (0)	1750 (20350)	18.75	18.72	18.60	17.85
		1732.5 (20175)	18.71	18.84	18.73	17.90

		1715 (20000)	18.50	18.50	18.51	17.90
	50RB (0)	1750 (20350)	18.66	18.73	18.96	17.95
		1732.5 (20175)	18.79	18.79	18.91	17.91
		1715 (20000)	18.73	18.57	18.75	17.91
15MHz	1RB-High (74)	1747.5 (20325)	18.69	18.53	18.77	17.91
		1732.5 (20175)	18.83	18.69	18.84	17.76
		1717.5 (20025)	18.79	18.73	18.67	17.97
	1RB-Middle (37)	1747.5 (20325)	18.66	18.79	18.80	17.93
		1732.5 (20175)	18.81	18.91	18.68	17.79
		1717.5 (20025)	18.75	18.75	18.80	17.91
	1RB-Low (0)	1747.5 (20325)	18.87	19.01	18.78	17.89
		1732.5 (20175)	18.67	18.77	18.61	17.98
		1717.5 (20025)	18.68	18.59	18.61	17.76
	36RB-High (38)	1747.5 (20325)	18.79	18.61	18.76	18.09
		1732.5 (20175)	18.82	18.57	18.77	17.85
		1717.5 (20025)	18.68	18.80	18.75	17.84
	36RB-Middle (19)	1747.5 (20325)	18.75	18.83	18.72	18.04
		1732.5 (20175)	18.64	18.73	18.82	17.91
		1717.5 (20025)	18.68	18.46	18.68	17.91
	36RB-Low (0)	1747.5 (20325)	18.63	18.83	18.72	18.04
		1732.5 (20175)	18.72	18.90	18.82	18.05
		1717.5 (20025)	18.73	18.47	18.43	17.97
	75RB (0)	1747.5 (20325)	18.75	18.88	18.72	18.07
		1732.5 (20175)	18.89	18.72	18.89	17.90
		1717.5 (20025)	18.69	18.56	18.84	17.84
20MHz	1RB-High (99)	1745 (20300)	18.77	18.64	18.80	17.88
		1732.5 (20175)	18.77	18.70	18.83	17.88
		1720 (20050)	18.79	18.83	18.79	17.90
	1RB-Middle (50)	1745 (20300)	18.74	18.85	18.83	17.86
		1732.5 (20175)	18.75	18.81	18.71	17.87
		1720 (20050)	18.80	18.69	18.75	17.91
	1RB-Low (0)	1745 (20300)	18.81	18.92	18.74	17.92
		1732.5 (20175)	18.79	18.80	18.70	17.90
		1720 (20050)	18.75	18.65	18.65	17.87
	50RB-High (50)	1745 (20300)	18.73	18.64	18.79	17.96
		1732.5 (20175)	18.73	18.70	18.75	17.96
		1720 (20050)	18.72	18.71	18.72	17.95
	50RB-Middle (25)	1745 (20300)	18.76	18.82	18.82	17.98
		1732.5 (20175)	18.74	18.73	18.82	17.96
		1720 (20050)	18.70	18.57	18.63	17.93
	50RB-Low (0)	1745 (20300)	18.73	18.83	18.72	17.96
		1732.5 (20175)	18.77	18.86	18.76	17.99

		1720 (20050)	18.63	18.55	18.53	17.86
	100RB (0)	1745 (20300)	18.73	18.80	18.85	17.96
		1732.5 (20175)	18.78	18.80	18.88	18.00
		1720 (20050)	18.68	18.64	18.75	17.91

LTE B5 ANT0 Power Level A1/B1/D1

LTE B5						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	848.3 (20643)	23.66	22.59	21.83	18.53
		836.5 (20525)	23.72	22.57	21.94	18.38
		824.7 (20407)	23.53	22.91	21.90	18.58
	1RB-Middle (3)	848.3 (20643)	23.66	22.54	21.80	18.48
		836.5 (20525)	23.58	22.57	21.82	18.58
		824.7 (20407)	23.52	22.94	21.96	18.40
	1RB-Low (0)	848.3 (20643)	23.62	22.55	21.83	18.62
		836.5 (20525)	23.76	22.56	21.85	18.55
		824.7 (20407)	23.58	22.58	21.83	18.59
	3RB-High (3)	848.3 (20643)	23.79	22.62	21.77	18.40
		836.5 (20525)	23.71	22.61	21.76	18.37
		824.7 (20407)	23.80	22.78	21.74	18.47
	3RB-Middle (1)	848.3 (20643)	23.64	22.65	21.81	18.49
		836.5 (20525)	23.70	22.68	21.79	18.52
		824.7 (20407)	23.83	22.77	21.84	18.36
	3RB-Low (0)	848.3 (20643)	23.65	22.68	21.71	18.37
		836.5 (20525)	23.72	22.63	21.78	18.46
		824.7 (20407)	23.84	22.77	21.82	18.39
	6RB (0)	848.3 (20643)	22.62	21.77	20.71	18.53
		836.5 (20525)	22.73	21.79	20.69	18.50
		824.7 (20407)	22.74	21.87	20.73	18.41
3MHz	1RB-High (14)	847.5 (20635)	23.58	22.91	21.82	18.52
		836.5 (20525)	23.67	22.89	21.87	18.55
		825.5 (20415)	23.69	22.97	21.85	18.64
	1RB-Middle (7)	847.5 (20635)	23.72	22.97	21.89	18.54
		836.5 (20525)	23.78	22.97	21.90	18.63
		825.5 (20415)	23.76	22.91	21.92	18.40
	1RB-Low (0)	847.5 (20635)	23.72	22.96	21.80	18.56
		836.5 (20525)	23.75	23.04	21.90	18.52
		825.5 (20415)	23.72	22.87	21.86	18.44
	8RB-High (7)	847.5 (20635)	22.63	21.66	20.66	18.54
		836.5 (20525)	22.76	21.76	20.76	18.45
		825.5 (20415)	22.73	21.75	20.72	18.46

	8RB-Middle (4)	847.5 (20635)	22.70	21.76	20.69	18.61
		836.5 (20525)	22.77	21.79	20.75	18.64
		825.5 (20415)	22.77	21.77	20.70	18.62
	8RB-Low (0)	847.5 (20635)	22.74	21.80	20.75	18.39
		836.5 (20525)	22.74	21.81	20.79	18.45
		825.5 (20415)	22.80	21.83	20.80	18.64
	15RB (0)	847.5 (20635)	22.68	21.69	20.63	18.63
		836.5 (20525)	22.73	21.75	20.72	18.65
		825.5 (20415)	22.72	21.75	20.73	18.53
5MHz	1RB-High (24)	846.5 (20625)	23.61	22.56	21.92	18.42
		836.5 (20525)	23.75	23.08	21.84	18.35
		826.5 (20425)	23.85	23.02	21.95	18.35
	1RB-Middle (12)	846.5 (20625)	23.70	22.59	21.83	18.48
		836.5 (20525)	23.74	22.62	22.00	18.37
		826.5 (20425)	23.73	23.15	21.89	18.47
	1RB-Low (0)	846.5 (20625)	23.87	22.92	21.91	18.35
		836.5 (20525)	23.79	23.13	21.94	18.42
		826.5 (20425)	23.90	23.01	21.94	18.57
	12RB-High (13)	846.5 (20625)	22.71	21.70	20.71	18.42
		836.5 (20525)	22.76	21.76	20.80	18.45
		826.5 (20425)	22.78	21.76	20.75	18.57
	12RB-Middle (6)	846.5 (20625)	22.76	21.72	20.74	18.40
		836.5 (20525)	22.77	21.74	20.79	18.44
		826.5 (20425)	22.77	21.83	20.86	18.43
	12RB-Low (0)	846.5 (20625)	22.77	21.80	20.81	18.59
		836.5 (20525)	22.78	21.79	20.77	18.62
		826.5 (20425)	22.81	21.82	20.87	18.63
	25RB (0)	846.5 (20625)	22.79	21.77	20.74	18.51
		836.5 (20525)	22.80	21.78	20.80	18.56
		826.5 (20425)	22.81	21.81	20.76	18.38
10MHz	1RB-High (49)	844 (20600)	23.75	22.92	21.93	18.40
		836.5 (20525)	23.73	22.99	21.81	18.39
		829 (20450)	23.85	23.16	21.91	18.41
	1RB-Middle (24)	844 (20600)	23.67	22.97	21.92	18.51
		836.5 (20525)	23.78	23.03	21.90	18.59
		829 (20450)	23.75	22.90	21.87	18.62
	1RB-Low (0)	844 (20600)	23.83	23.03	21.93	18.64
		836.5 (20525)	23.78	23.14	21.93	18.61
		829 (20450)	23.80	23.09	21.92	18.35
	25RB-High (25)	844 (20600)	22.72	21.73	20.68	18.60
		836.5 (20525)	22.77	21.75	20.72	18.38
		829 (20450)	22.76	21.75	20.74	18.45

	25RB-Middle (12)	844 (20600)	22.72	21.72	20.72	18.42
		836.5 (20525)	22.76	21.74	20.74	18.40
		829 (20450)	22.77	21.75	20.72	18.65
	25RB-Low (0)	844 (20600)	22.75	21.73	20.74	18.49
		836.5 (20525)	22.79	21.77	20.75	18.65
		829 (20450)	22.81	21.80	20.78	18.42
	50RB (0)	844 (20600)	22.73	21.75	20.69	18.46
		836.5 (20525)	22.77	21.80	20.75	18.39
		829 (20450)	22.81	21.83	20.79	18.40

LTE B5 ANT0 Power Level C1

LTE B5						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	848.3 (20643)	20.61	20.02	18.78	15.55
		836.5 (20525)	20.60	19.99	18.73	15.51
		824.7 (20407)	20.54	19.87	18.69	15.53
	1RB-Middle (3)	848.3 (20643)	20.61	19.93	18.91	15.54
		836.5 (20525)	20.57	19.83	18.86	15.63
		824.7 (20407)	20.59	19.83	18.64	15.58
	1RB-Low (0)	848.3 (20643)	20.65	19.94	18.89	15.50
		836.5 (20525)	20.61	19.84	18.77	15.63
		824.7 (20407)	20.59	19.93	18.66	15.63
	3RB-High (3)	848.3 (20643)	20.68	19.64	18.74	15.62
		836.5 (20525)	20.59	19.50	18.63	15.68
		824.7 (20407)	20.62	19.53	18.62	15.54
	3RB-Middle (1)	848.3 (20643)	20.70	19.70	18.71	15.50
		836.5 (20525)	20.61	19.51	18.70	15.57
		824.7 (20407)	20.65	19.54	18.66	15.68
	3RB-Low (0)	848.3 (20643)	20.63	19.63	18.67	15.56
		836.5 (20525)	20.57	19.56	18.65	15.67
		824.7 (20407)	20.62	19.61	18.69	15.60
	6RB (0)	848.3 (20643)	19.58	18.80	17.49	15.70
		836.5 (20525)	19.56	18.65	17.51	15.56
		824.7 (20407)	19.56	18.73	17.54	15.67
3MHz	1RB-High (14)	847.5 (20635)	20.61	19.87	18.76	15.57
		836.5 (20525)	20.55	19.87	18.66	15.67
		825.5 (20415)	20.58	20.01	18.78	15.61
	1RB-Middle (7)	847.5 (20635)	20.71	19.85	18.77	15.50
		836.5 (20525)	20.62	19.93	18.81	15.57
		825.5 (20415)	20.58	19.84	18.71	15.63
	1RB-Low (0)	847.5 (20635)	20.58	19.78	18.70	15.66

		836.5 (20525)	20.61	19.98	18.77	15.50
		825.5 (20415)	20.60	19.92	18.72	15.66
	8RB-High (7)	847.5 (20635)	19.64	18.63	17.57	15.57
		836.5 (20525)	19.56	18.62	17.59	15.56
		825.5 (20415)	19.60	18.64	17.64	15.53
	8RB-Middle (4)	847.5 (20635)	19.64	18.69	17.62	15.68
		836.5 (20525)	19.53	18.62	17.60	15.53
		825.5 (20415)	19.62	18.66	17.56	15.63
	8RB-Low (0)	847.5 (20635)	19.66	18.70	17.66	15.66
		836.5 (20525)	19.60	18.62	17.61	15.61
		825.5 (20415)	19.65	18.69	17.61	15.63
	15RB (0)	847.5 (20635)	19.66	18.63	17.63	15.66
		836.5 (20525)	19.57	18.57	17.54	15.54
		825.5 (20415)	19.63	18.57	17.54	15.69
5MHz	1RB-High (24)	846.5 (20625)	20.60	19.85	18.85	15.52
		836.5 (20525)	20.64	19.93	18.68	15.63
		826.5 (20425)	20.74	20.12	18.86	15.51
	1RB-Middle (12)	846.5 (20625)	20.65	19.95	18.72	15.63
		836.5 (20525)	20.64	20.04	18.88	15.57
		826.5 (20425)	20.70	20.02	18.84	15.56
	1RB-Low (0)	846.5 (20625)	20.54	19.92	18.76	15.56
		836.5 (20525)	20.65	19.90	18.77	15.61
		826.5 (20425)	20.62	19.97	18.78	15.50
	12RB-High (13)	846.5 (20625)	19.61	18.69	17.68	15.53
		836.5 (20525)	19.62	18.63	17.65	15.67
		826.5 (20425)	19.63	18.62	17.67	15.54
	12RB-Middle (6)	846.5 (20625)	19.63	18.69	17.66	15.70
		836.5 (20525)	19.65	18.59	17.61	15.50
		826.5 (20425)	19.68	18.69	17.71	15.63
	12RB-Low (0)	846.5 (20625)	19.65	18.61	17.64	15.66
		836.5 (20525)	19.60	18.62	17.65	15.67
		826.5 (20425)	19.65	18.72	17.69	15.51
	25RB (0)	846.5 (20625)	19.68	18.62	17.61	15.61
		836.5 (20525)	19.63	18.63	17.61	15.68
		826.5 (20425)	19.71	18.67	17.68	15.67
10MHz	1RB-High (49)	844 (20600)	20.54	20.10	18.88	15.57
		836.5 (20525)	20.56	19.92	18.85	15.50
		829 (20450)	20.68	20.04	18.77	15.60
	1RB-Middle (24)	844 (20600)	20.53	19.95	18.83	15.61
		836.5 (20525)	20.63	19.80	18.83	15.63
		829 (20450)	20.78	19.98	18.89	15.63
	1RB-Low (0)	844 (20600)	20.55	20.05	18.89	15.56

		836.5 (20525)	20.69	20.05	18.84	15.62
		829 (20450)	20.68	19.93	18.95	15.69
	25RB-High (25)	844 (20600)	19.58	18.58	17.59	15.55
		836.5 (20525)	19.60	18.64	17.66	15.67
		829 (20450)	19.70	18.69	17.67	15.50
	25RB-Middle (12)	844 (20600)	19.56	18.59	17.60	15.67
		836.5 (20525)	19.63	18.63	17.65	15.57
		829 (20450)	19.71	18.67	17.70	15.67
	25RB-Low (0)	844 (20600)	19.63	18.64	17.64	15.56
		836.5 (20525)	19.66	18.66	17.68	15.70
		829 (20450)	19.74	18.68	17.70	15.67
	50RB (0)	844 (20600)	19.56	18.60	17.67	15.63
		836.5 (20525)	19.67	18.64	17.64	15.60
		829 (20450)	19.70	18.67	17.65	15.63

LTE B5 ANT0 Power Level E1

LTE B5						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	848.3 (20643)	18.11	17.36	16.23	13.44
		836.5 (20525)	18.02	17.29	16.22	13.19
		824.7 (20407)	18.10	17.36	16.30	13.41
	1RB-Middle (3)	848.3 (20643)	18.15	17.29	16.17	13.24
		836.5 (20525)	18.05	17.33	16.22	13.42
		824.7 (20407)	18.04	17.42	16.14	13.24
	1RB-Low (0)	848.3 (20643)	18.07	17.35	16.30	13.51
		836.5 (20525)	18.06	17.42	16.28	13.42
		824.7 (20407)	18.02	17.33	16.24	13.18
	3RB-High (3)	848.3 (20643)	18.15	17.11	16.18	13.30
		836.5 (20525)	18.05	17.05	16.09	13.17
		824.7 (20407)	18.08	16.95	16.16	13.45
	3RB-Middle (1)	848.3 (20643)	18.15	17.13	16.17	13.17
		836.5 (20525)	18.08	17.09	16.12	13.30
		824.7 (20407)	18.08	17.02	16.09	13.28
	3RB-Low (0)	848.3 (20643)	18.15	17.12	16.22	13.34
		836.5 (20525)	18.08	17.05	16.11	13.22
		824.7 (20407)	18.04	16.94	16.10	13.31
	6RB (0)	848.3 (20643)	17.10	16.27	15.13	13.30
		836.5 (20525)	17.00	16.11	15.01	13.27
		824.7 (20407)	17.01	16.17	14.98	13.31
3MHz	1RB-High (14)	847.5 (20635)	18.10	17.46	16.21	13.55
		836.5 (20525)	18.03	17.35	16.17	13.16

		825.5 (20415)	18.07	17.28	16.29	13.32
	1RB-Middle (7)	847.5 (20635)	18.08	17.38	16.28	13.32
		836.5 (20525)	18.04	17.36	16.17	13.48
		825.5 (20415)	18.07	17.49	16.36	13.28
	1RB-Low (0)	847.5 (20635)	18.02	17.34	16.14	13.48
		836.5 (20525)	18.04	17.42	16.28	13.40
		825.5 (20415)	18.01	17.24	16.17	13.44
	8RB-High (7)	847.5 (20635)	17.04	16.09	15.10	13.20
		836.5 (20525)	17.07	16.11	15.10	13.27
		825.5 (20415)	17.11	16.11	15.14	13.43
	8RB-Middle (4)	847.5 (20635)	17.13	16.15	15.07	13.33
		836.5 (20525)	17.05	16.11	15.06	13.21
		825.5 (20415)	17.09	16.17	15.07	13.16
	8RB-Low (0)	847.5 (20635)	17.16	16.26	15.17	13.36
		836.5 (20525)	17.01	16.08	15.09	13.25
		825.5 (20415)	17.14	16.13	15.18	13.28
	15RB (0)	847.5 (20635)	17.06	16.12	15.07	13.41
		836.5 (20525)	17.03	16.04	15.02	13.20
		825.5 (20415)	17.05	16.11	15.08	13.23
5MHz	1RB-High (24)	846.5 (20625)	18.13	17.49	16.32	13.40
		836.5 (20525)	18.07	17.36	16.26	13.28
		826.5 (20425)	18.12	17.35	16.20	13.30
	1RB-Middle (12)	846.5 (20625)	18.03	17.44	16.28	13.30
		836.5 (20525)	18.13	17.31	16.28	13.44
		826.5 (20425)	18.07	17.34	16.38	13.42
	1RB-Low (0)	846.5 (20625)	18.09	17.49	16.24	13.33
		836.5 (20525)	18.12	17.35	16.34	13.41
		826.5 (20425)	18.04	17.43	16.18	13.41
	12RB-High (13)	846.5 (20625)	17.16	16.18	15.18	13.12
		836.5 (20525)	17.09	16.08	15.12	13.36
		826.5 (20425)	17.09	16.12	15.13	13.29
	12RB-Middle (6)	846.5 (20625)	17.08	16.16	15.13	13.40
		836.5 (20525)	17.14	16.09	15.12	13.25
		826.5 (20425)	17.18	16.18	15.15	13.33
	12RB-Low (0)	846.5 (20625)	17.12	16.15	15.15	13.16
		836.5 (20525)	17.14	16.13	15.18	13.46
		826.5 (20425)	17.14	16.16	15.19	13.29
	25RB (0)	846.5 (20625)	17.15	16.09	15.10	13.31
		836.5 (20525)	17.14	16.15	15.11	13.34
		826.5 (20425)	17.15	16.18	15.17	13.40
10MHz	1RB-High (49)	844 (20600)	18.23	17.50	16.41	13.44
		836.5 (20525)	18.07	17.38	16.19	13.26

		829 (20450)	18.25	17.46	16.33	13.37
	1RB-Middle (24)	844 (20600)	18.10	17.43	16.29	13.34
		836.5 (20525)	18.15	17.47	16.32	13.37
		829 (20450)	18.18	17.56	16.27	13.32
	1RB-Low (0)	844 (20600)	18.13	17.37	16.35	13.39
		836.5 (20525)	18.21	17.57	16.32	13.37
		829 (20450)	18.15	17.55	16.25	13.31
	25RB-High (25)	844 (20600)	17.08	16.03	15.03	13.23
		836.5 (20525)	17.19	16.13	15.11	13.30
		829 (20450)	17.20	16.18	15.15	13.34
	25RB-Middle (12)	844 (20600)	17.17	16.14	15.11	13.30
		836.5 (20525)	17.14	16.12	15.08	13.28
		829 (20450)	17.19	16.13	15.10	13.29
	25RB-Low (0)	844 (20600)	17.15	16.11	15.10	13.29
		836.5 (20525)	17.16	16.15	15.14	13.33
		829 (20450)	17.17	16.17	15.16	13.35
	50RB (0)	844 (20600)	17.12	16.13	15.10	13.29
		836.5 (20525)	17.11	16.10	15.12	13.31
		829 (20450)	17.18	16.13	15.17	13.35

LTE B7 ANT1 Power Level A1/B1

LTE B7						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2567.5 (21425)	23.03	22.51	21.31	18.50
		2535 (21100)	23.18	22.34	21.33	18.54
		2502.5 (20775)	23.10	22.11	21.06	18.49
	1RB-Middle (12)	2567.5 (21425)	23.22	22.33	21.28	18.57
		2535 (21100)	23.11	22.32	21.31	18.52
		2502.5 (20775)	23.06	22.30	21.28	18.44
	1RB-Low (0)	2567.5 (21425)	23.13	22.41	21.33	18.53
		2535 (21100)	23.06	22.34	21.24	18.54
		2502.5 (20775)	23.05	22.38	21.08	18.53
	12RB-High (13)	2567.5 (21425)	22.68	21.71	20.70	18.43
		2535 (21100)	22.59	21.62	20.61	18.41
		2502.5 (20775)	22.23	21.21	21.22	18.54
	12RB-Middle (6)	2567.5 (21425)	22.70	21.71	20.73	18.58
		2535 (21100)	22.58	21.58	20.57	18.49
		2502.5 (20775)	22.15	21.20	21.21	18.54
	12RB-Low (0)	2567.5 (21425)	22.71	21.72	20.73	18.53
		2535 (21100)	22.58	21.57	20.60	18.62
		2502.5 (20775)	22.19	21.19	21.20	18.62

	25RB (0)	2567.5 (21425)	22.69	21.70	20.69	18.46
		2535 (21100)	22.61	21.60	20.57	18.59
		2502.5 (20775)	22.21	21.20	21.16	18.53
10MHz	1RB-High (49)	2565 (21400)	23.74	22.41	21.25	18.47
		2535 (21100)	23.18	22.51	21.37	18.56
		2505 (20800)	23.07	22.04	21.05	18.65
	1RB-Middle (24)	2565 (21400)	23.63	22.34	21.23	18.53
		2535 (21100)	23.06	22.33	21.27	18.50
		2505 (20800)	23.06	22.05	21.05	18.51
	1RB-Low (0)	2565 (21400)	23.87	22.42	21.38	18.57
		2535 (21100)	23.23	22.37	21.17	18.63
		2505 (20800)	23.07	22.05	21.03	18.58
	25RB-High (25)	2565 (21400)	22.67	21.67	20.68	18.54
		2535 (21100)	22.61	21.62	20.61	18.63
		2505 (20800)	22.25	21.22	20.23	18.57
	25RB-Middle (12)	2565 (21400)	22.67	21.69	20.64	18.59
		2535 (21100)	22.57	21.58	20.52	18.40
		2505 (20800)	22.24	21.17	20.17	18.37
	25RB-Low (0)	2565 (21400)	22.77	21.74	20.74	18.41
		2535 (21100)	22.56	21.54	20.53	18.38
		2505 (20800)	22.19	21.17	20.16	18.41
	50RB (0)	2565 (21400)	22.73	21.71	20.70	18.41
		2535 (21100)	22.60	21.58	20.57	18.59
		2505 (20800)	22.25	21.23	20.20	18.40
15MHz	1RB-High (74)	2562.5 (21375)	23.67	22.73	21.28	18.48
		2535 (21100)	23.71	22.82	21.82	18.45
		2507.5 (20825)	23.11	22.07	21.35	18.38
	1RB-Middle (37)	2562.5 (21375)	23.64	22.45	21.37	18.58
		2535 (21100)	23.66	22.29	21.78	18.46
		2507.5 (20825)	23.05	22.08	21.36	18.53
	1RB-Low (0)	2562.5 (21375)	23.75	22.47	21.86	18.37
		2535 (21100)	23.54	22.27	21.63	18.50
		2507.5 (20825)	23.11	22.07	21.25	18.35
	36RB-High (38)	2562.5 (21375)	22.63	21.67	20.64	18.35
		2535 (21100)	22.61	21.60	20.64	18.48
		2507.5 (20825)	22.24	21.27	20.24	18.50
	36RB-Middle (19)	2562.5 (21375)	22.70	21.73	20.68	18.57
		2535 (21100)	22.58	21.57	20.58	18.39
		2507.5 (20825)	22.24	21.23	20.23	18.56
	36RB-Low (0)	2562.5 (21375)	22.75	21.76	20.78	18.36
		2535 (21100)	22.53	21.50	20.53	18.65
		2507.5 (20825)	22.18	21.16	20.16	18.64

	75RB (0)	2562.5 (21375)	22.73	21.75	20.71	18.64
		2535 (21100)	22.59	21.60	20.58	18.60
		2507.5 (20825)	22.22	21.22	20.20	18.58
20MHz	1RB-High (99)	2560 (21350)	23.55	22.88	21.80	18.60
		2535 (21100)	23.71	23.07	21.91	18.44
		2510 (20850)	23.31	22.54	21.44	18.60
	1RB-Middle (50)	2560 (21350)	23.82	23.06	21.87	18.45
		2535 (21100)	23.59	22.93	21.70	18.46
		2510 (20850)	23.29	22.55	21.39	18.55
	1RB-Low (0)	2560 (21350)	23.72	23.05	21.96	18.65
		2535 (21100)	23.46	22.73	21.61	18.38
		2510 (20850)	23.11	22.34	21.29	18.59
	50RB-High (50)	2560 (21350)	22.67	21.71	20.68	18.54
		2535 (21100)	22.67	21.67	20.68	18.47
		2510 (20850)	22.34	21.31	20.30	18.62
	50RB-Middle (25)	2560 (21350)	22.72	21.76	20.73	18.53
		2535 (21100)	22.61	21.61	20.59	18.57
		2510 (20850)	22.29	21.26	20.28	18.42
	50RB-Low (0)	2560 (21350)	22.75	21.79	20.75	18.53
		2535 (21100)	22.52	21.53	20.48	18.49
		2510 (20850)	22.25	21.25	20.23	18.52
	100RB (0)	2560 (21350)	22.73	21.72	20.74	18.61
		2535 (21100)	22.56	21.56	20.58	18.52
		2510 (20850)	22.26	21.22	20.24	18.35

LTE B7 ANT1 Power Level C1

LTE B7						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2567.5 (21425)	16.12	15.53	14.50	11.13
		2535 (21100)	16.31	15.55	14.46	10.94
		2502.5 (20775)	16.03	15.28	14.21	10.87
	1RB-Middle (12)	2567.5 (21425)	16.22	15.63	14.48	11.01
		2535 (21100)	16.36	15.58	14.71	11.11
		2502.5 (20775)	16.05	15.26	14.11	11.04
	1RB-Low (0)	2567.5 (21425)	16.21	15.59	14.50	11.08
		2535 (21100)	16.29	15.67	14.54	11.14
		2502.5 (20775)	16.03	15.24	14.08	10.88
	12RB-High (13)	2567.5 (21425)	15.20	14.19	13.36	11.12
		2535 (21100)	15.29	14.30	13.55	10.85
		2502.5 (20775)	15.10	14.02	13.07	10.85
	12RB-Middle (6)	2567.5 (21425)	15.16	14.20	13.40	11.13

		2535 (21100)	15.36	14.36	13.52	11.00
		2502.5 (20775)	15.12	14.23	13.10	11.05
	12RB-Low (0)	2567.5 (21425)	15.23	14.19	13.44	11.01
		2535 (21100)	15.32	14.34	13.48	11.14
		2502.5 (20775)	15.15	14.25	13.09	11.01
	25RB (0)	2567.5 (21425)	15.26	14.24	13.38	10.93
		2535 (21100)	15.33	14.30	13.45	11.04
		2502.5 (20775)	15.23	14.23	13.06	11.00
10MHz	1RB-High (49)	2565 (21400)	16.20	15.59	14.52	11.15
		2535 (21100)	16.31	15.67	14.64	10.98
		2505 (20800)	16.01	15.40	14.32	10.95
	1RB-Middle (24)	2565 (21400)	16.18	15.56	14.45	10.87
		2535 (21100)	16.27	15.71	14.54	11.13
		2505 (20800)	16.15	15.33	14.24	10.86
	1RB-Low (0)	2565 (21400)	16.35	15.63	14.56	10.85
		2535 (21100)	16.29	15.52	14.60	10.92
		2505 (20800)	16.07	15.30	14.20	10.91
	25RB-High (25)	2565 (21400)	15.20	14.20	13.35	10.86
		2535 (21100)	15.38	14.33	13.50	11.13
		2505 (20800)	15.00	14.01	13.10	11.10
	25RB-Middle (12)	2565 (21400)	15.21	14.18	13.34	11.02
		2535 (21100)	15.30	14.31	13.45	11.09
		2505 (20800)	15.12	15.08	13.07	11.08
	25RB-Low (0)	2565 (21400)	15.31	14.29	13.42	10.89
		2535 (21100)	15.35	14.29	13.44	10.98
		2505 (20800)	15.23	14.09	13.03	10.90
	50RB (0)	2565 (21400)	15.29	14.27	13.39	11.11
		2535 (21100)	15.28	14.30	13.44	11.01
		2505 (20800)	15.12	14.23	13.05	10.99
15MHz	1RB-High (74)	2562.5 (21375)	16.19	15.41	14.46	11.10
		2535 (21100)	16.35	15.68	14.65	11.05
		2507.5 (20825)	16.06	15.45	14.37	10.98
	1RB-Middle (37)	2562.5 (21375)	16.26	15.58	14.56	11.03
		2535 (21100)	16.36	15.68	14.66	10.86
		2507.5 (20825)	16.12	15.26	14.26	10.90
	1RB-Low (0)	2562.5 (21375)	16.37	15.73	14.71	10.92
		2535 (21100)	16.26	15.55	14.46	11.00
		2507.5 (20825)	16.07	15.26	14.17	11.13
	36RB-High (38)	2562.5 (21375)	15.19	14.18	13.36	11.14
		2535 (21100)	15.33	14.33	13.50	10.86
		2507.5 (20825)	15.01	14.10	13.05	10.92
	36RB-Middle (19)	2562.5 (21375)	15.23	14.21	13.44	10.97

		2535 (21100)	15.29	14.29	13.47	11.06
		2507.5 (20825)	15.20	14.20	13.10	10.99
	36RB-Low (0)	2562.5 (21375)	15.31	14.31	13.49	11.12
		2535 (21100)	15.30	14.29	13.45	11.08
		2507.5 (20825)	15.23	14.12	13.07	10.94
	75RB (0)	2562.5 (21375)	15.26	14.26	13.41	10.87
		2535 (21100)	15.31	14.35	13.48	11.14
		2507.5 (20825)	15.02	14.01	13.10	10.89
20MHz	1RB-High (99)	2560 (21350)	16.17	15.59	14.47	10.87
		2535 (21100)	16.26	15.79	14.66	11.14
		2510 (20850)	16.14	15.42	14.42	10.86
	1RB-Middle (50)	2560 (21350)	16.30	15.51	14.59	10.89
		2535 (21100)	16.33	15.78	14.71	11.08
		2510 (20850)	16.01	15.43	14.34	10.88
	1RB-Low (0)	2560 (21350)	16.35	15.87	14.75	11.01
		2535 (21100)	16.26	15.63	14.61	11.09
		2510 (20850)	16.32	15.16	14.18	10.91
	50RB-High (50)	2560 (21350)	15.26	14.29	13.42	11.14
		2535 (21100)	15.29	14.40	13.56	10.99
		2510 (20850)	15.13	14.13	13.22	10.91
	50RB-Middle (25)	2560 (21350)	15.35	14.32	13.51	10.98
		2535 (21100)	15.34	14.34	13.48	10.89
		2510 (20850)	15.03	14.02	13.17	11.07
	50RB-Low (0)	2560 (21350)	15.32	14.44	13.60	11.07
		2535 (21100)	15.33	14.32	13.45	11.11
		2510 (20850)	15.00	14.12	13.07	10.92
	100RB (0)	2560 (21350)	15.31	14.30	13.49	10.92
		2535 (21100)	15.32	14.33	13.47	11.02
		2510 (20850)	15.05	14.11	13.11	11.11

LTE B7 ANT1 Power Level D1

LTE B7						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2567.5 (21425)	20.68	19.95	18.88	14.64
		2535 (21100)	20.81	20.13	18.95	14.77
		2502.5 (20775)	20.72	19.90	18.80	14.95
	1RB-Middle (12)	2567.5 (21425)	20.79	19.98	18.89	14.80
		2535 (21100)	20.92	20.10	18.95	14.67
		2502.5 (20775)	20.68	20.00	18.83	14.74
	1RB-Low (0)	2567.5 (21425)	20.69	19.87	18.80	14.68
		2535 (21100)	20.89	20.24	19.04	14.74

		2502.5 (20775)	20.58	19.74	18.64	14.53
	12RB-High (13)	2567.5 (21425)	19.72	18.71	17.73	14.70
		2535 (21100)	19.86	18.85	17.82	14.70
		2502.5 (20775)	19.73	18.72	17.72	14.81
	12RB-Middle (6)	2567.5 (21425)	19.74	18.75	17.75	14.53
		2535 (21100)	19.90	18.86	17.83	14.73
		2502.5 (20775)	19.69	18.69	17.69	14.53
	12RB-Low (0)	2567.5 (21425)	19.75	18.72	17.79	14.60
		2535 (21100)	19.89	18.87	17.94	14.77
		2502.5 (20775)	19.63	18.71	17.70	14.60
	25RB (0)	2567.5 (21425)	19.76	18.79	17.73	14.60
		2535 (21100)	19.87	18.86	17.81	14.81
		2502.5 (20775)	19.70	18.68	17.71	14.63
10MHz	1RB-High (49)	2565 (21400)	20.70	19.95	18.81	14.83
		2535 (21100)	20.91	20.23	18.99	14.68
		2505 (20800)	20.78	19.94	18.99	14.76
	1RB-Middle (24)	2565 (21400)	20.71	19.88	18.85	14.58
		2535 (21100)	20.89	20.22	18.97	14.87
		2505 (20800)	20.74	19.82	18.93	14.71
	1RB-Low (0)	2565 (21400)	20.87	20.11	19.00	14.83
		2535 (21100)	20.93	20.15	19.01	14.88
		2505 (20800)	20.64	19.93	18.76	14.73
	25RB-High (25)	2565 (21400)	19.73	18.77	17.76	14.70
		2535 (21100)	19.88	18.89	17.85	14.59
		2505 (20800)	19.83	18.75	17.73	14.60
	25RB-Middle (12)	2565 (21400)	19.74	18.72	17.69	14.66
		2535 (21100)	19.83	18.86	17.86	14.60
		2505 (20800)	19.75	18.72	17.72	14.58
	25RB-Low (0)	2565 (21400)	19.80	18.80	17.73	14.59
		2535 (21100)	19.88	18.90	17.87	14.60
		2505 (20800)	19.67	18.70	17.68	14.50
	50RB (0)	2565 (21400)	19.77	18.79	17.79	14.61
		2535 (21100)	19.87	18.87	17.88	14.63
		2505 (20800)	19.72	18.73	17.70	14.61
15MHz	1RB-High (74)	2562.5 (21375)	20.75	20.01	18.90	14.83
		2535 (21100)	20.88	20.21	18.96	14.85
		2507.5 (20825)	20.90	20.10	18.96	14.79
	1RB-Middle (37)	2562.5 (21375)	20.75	20.14	18.97	14.72
		2535 (21100)	20.95	20.21	19.04	14.84
		2507.5 (20825)	20.77	20.14	18.85	14.65
	1RB-Low (0)	2562.5 (21375)	20.81	20.11	19.01	14.85
		2535 (21100)	20.98	20.22	19.12	14.90

		2507.5 (20825)	20.64	19.91	18.72	14.50
	36RB-High (38)	2562.5 (21375)	19.72	18.73	17.74	14.63
		2535 (21100)	19.91	18.92	17.88	14.61
		2507.5 (20825)	19.81	18.82	17.82	14.65
	36RB-Middle (19)	2562.5 (21375)	19.77	18.76	17.77	14.63
		2535 (21100)	19.88	18.80	17.91	14.84
		2507.5 (20825)	19.79	18.79	17.79	14.63
	36RB-Low (0)	2562.5 (21375)	19.87	18.84	17.86	14.81
		2535 (21100)	19.91	18.91	17.90	14.72
		2507.5 (20825)	19.74	18.71	17.79	14.71
	75RB (0)	2562.5 (21375)	19.80	18.83	17.81	14.73
		2535 (21100)	19.92	18.89	17.89	14.79
		2507.5 (20825)	19.80	18.80	17.81	14.55
20MHz	1RB-High (99)	2560 (21350)	20.76	20.09	18.96	14.71
		2535 (21100)	20.87	20.25	19.00	14.74
		2510 (20850)	20.89	20.25	19.10	14.82
	1RB-Middle (50)	2560 (21350)	20.83	20.18	18.95	14.70
		2535 (21100)	20.94	20.21	19.04	14.78
		2510 (20850)	20.79	19.98	19.01	14.75
	1RB-Low (0)	2560 (21350)	21.05	20.26	18.98	14.73
		2535 (21100)	20.95	20.32	19.16	14.87
		2510 (20850)	20.66	19.82	18.83	14.61
	50RB-High (50)	2560 (21350)	19.82	18.84	17.82	14.63
		2535 (21100)	19.95	18.95	17.93	14.72
		2510 (20850)	20.06	18.94	17.93	14.72
	50RB-Middle (25)	2560 (21350)	19.84	18.86	17.83	14.64
		2535 (21100)	19.92	18.92	17.92	14.72
		2510 (20850)	19.86	18.84	17.84	14.65
	50RB-Low (0)	2560 (21350)	19.94	18.92	17.91	14.71
		2535 (21100)	19.94	18.96	17.93	14.72
		2510 (20850)	19.81	18.79	17.80	14.61
	100RB (0)	2560 (21350)	19.85	18.85	17.84	14.65
		2535 (21100)	19.94	18.91	17.90	14.70
		2510 (20850)	19.85	18.81	17.82	14.63

LTE B7 ANT1 Power Level E1

LTE B7						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2567.5 (21425)	11.22	10.52	9.46	6.44
		2535 (21100)	11.50	10.88	9.71	6.68
		2502.5 (20775)	11.34	10.66	9.49	6.52
	1RB-Middle (12)	2567.5 (21425)	11.25	10.50	9.47	6.52
		2535 (21100)	11.53	10.85	9.75	6.69
		2502.5 (20775)	11.30	10.61	9.52	6.42
	1RB-Low (0)	2567.5 (21425)	11.28	10.64	9.56	6.49
		2535 (21100)	11.51	10.84	9.80	6.48
		2502.5 (20775)	11.20	10.51	9.38	6.36
	12RB-High (13)	2567.5 (21425)	10.23	9.24	8.28	6.49
		2535 (21100)	10.49	9.57	8.57	6.45
		2502.5 (20775)	10.37	9.39	8.42	6.64
	12RB-Middle (6)	2567.5 (21425)	10.28	9.33	8.30	6.53
		2535 (21100)	10.49	9.51	8.57	6.55
		2502.5 (20775)	10.28	9.31	8.33	6.43
	12RB-Low (0)	2567.5 (21425)	10.27	9.31	8.33	6.51
		2535 (21100)	10.52	9.55	8.56	6.69
		2502.5 (20775)	10.30	9.34	8.37	6.54
	25RB (0)	2567.5 (21425)	10.32	9.34	8.29	6.38
		2535 (21100)	10.52	9.53	8.53	6.50
		2502.5 (20775)	10.35	9.30	8.29	6.40
10MHz	1RB-High (49)	2565 (21400)	11.27	10.49	9.51	6.34
		2535 (21100)	11.56	10.81	9.76	6.49
		2505 (20800)	11.41	10.77	9.66	6.53
	1RB-Middle (24)	2565 (21400)	11.23	10.53	9.40	6.39
		2535 (21100)	11.48	10.84	9.65	6.54
		2505 (20800)	11.31	10.67	9.58	6.60
	1RB-Low (0)	2565 (21400)	11.38	10.66	9.60	6.48
		2535 (21100)	11.56	10.87	9.85	6.60
		2505 (20800)	11.24	10.58	9.36	6.27
	25RB-High (25)	2565 (21400)	10.31	9.29	8.29	6.43
		2535 (21100)	10.53	9.54	8.50	6.66
		2505 (20800)	10.41	9.41	8.39	6.60
	25RB-Middle (12)	2565 (21400)	10.28	9.28	8.29	6.57
		2535 (21100)	10.48	9.49	8.49	6.54
		2505 (20800)	10.35	9.34	8.33	6.57
	25RB-Low (0)	2565 (21400)	10.37	9.37	8.39	6.46
		2535 (21100)	10.54	9.52	8.48	6.61

		2505 (20800)	10.31	9.30	8.27	6.48
	50RB (0)	2565 (21400)	10.33	9.31	8.33	6.52
		2535 (21100)	10.54	9.51	8.51	6.39
		2505 (20800)	10.37	9.35	8.34	6.58
15MHz	1RB-High (74)	2562.5 (21375)	11.21	10.53	9.42	6.45
		2535 (21100)	11.47	10.74	9.68	6.57
		2507.5 (20825)	11.37	10.67	9.67	6.64
	1RB-Middle (37)	2562.5 (21375)	11.32	10.72	9.50	6.41
		2535 (21100)	11.56	10.84	9.80	6.55
		2507.5 (20825)	11.34	10.58	9.59	6.42
	1RB-Low (0)	2562.5 (21375)	11.34	10.61	9.54	6.43
		2535 (21100)	11.53	10.84	9.71	6.56
		2507.5 (20825)	11.22	10.45	9.35	6.38
	36RB-High (38)	2562.5 (21375)	10.24	9.28	8.27	6.28
		2535 (21100)	10.55	9.55	8.56	6.55
		2507.5 (20825)	10.42	9.45	8.45	6.46
	36RB-Middle (19)	2562.5 (21375)	10.28	9.33	8.33	6.38
		2535 (21100)	10.52	9.52	8.55	6.48
		2507.5 (20825)	10.38	9.37	8.41	6.43
	36RB-Low (0)	2562.5 (21375)	10.37	9.39	8.33	6.44
		2535 (21100)	10.52	9.53	8.54	6.58
		2507.5 (20825)	10.33	9.31	8.36	6.37
	75RB (0)	2562.5 (21375)	10.34	9.37	8.36	6.33
		2535 (21100)	10.52	9.53	8.55	6.64
		2507.5 (20825)	10.39	9.39	8.39	6.48
20MHz	1RB-High (99)	2560 (21350)	11.22	10.50	9.47	6.41
		2535 (21100)	11.43	10.79	9.74	6.60
		2510 (20850)	11.47	10.73	9.66	6.54
	1RB-Middle (50)	2560 (21350)	11.42	10.72	9.55	6.47
		2535 (21100)	11.35	10.74	9.84	6.67
		2510 (20850)	11.37	10.79	9.57	6.48
	1RB-Low (0)	2560 (21350)	11.48	10.77	9.61	6.51
		2535 (21100)	11.47	10.87	9.61	6.51
		2510 (20850)	11.22	10.55	9.44	6.39
	50RB-High (50)	2560 (21350)	10.27	9.32	8.31	6.38
		2535 (21100)	10.45	9.54	8.57	6.58
		2510 (20850)	10.43	9.49	8.48	6.51
	50RB-Middle (25)	2560 (21350)	10.48	9.43	8.42	6.47
		2535 (21100)	10.46	9.58	8.56	6.58
		2510 (20850)	10.43	9.42	8.48	6.51
	50RB-Low (0)	2560 (21350)	10.42	9.42	8.45	6.49
		2535 (21100)	10.44	9.50	8.54	6.56

		2510 (20850)	10.39	9.39	8.42	6.47
	100RB (0)	2560 (21350)	10.37	9.36	8.36	6.42
		2535 (21100)	10.54	9.54	8.49	6.52
		2510 (20850)	10.43	9.42	8.43	6.48

LTE B7 ANT2 Power Level A1

LTE B7 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2567.5 (21425)	23.31	22.20	21.39	18.15
		2535 (21100)	23.19	22.18	21.21	18.13
		2502.5 (20775)	23.39	22.31	21.08	18.09
	1RB-Middle (12)	2567.5 (21425)	23.04	22.31	21.20	17.99
		2535 (21100)	23.21	22.24	21.09	18.26
		2502.5 (20775)	23.14	22.14	21.19	17.99
	1RB-Low (0)	2567.5 (21425)	23.11	22.42	21.37	18.14
		2535 (21100)	23.31	22.03	21.38	18.16
		2502.5 (20775)	23.25	22.18	21.00	18.25
	12RB-High (13)	2567.5 (21425)	22.21	21.18	20.22	18.16
		2535 (21100)	22.22	21.27	20.16	18.25
		2502.5 (20775)	22.15	21.18	20.17	17.99
	12RB-Middle (6)	2567.5 (21425)	22.18	21.10	20.29	18.06
		2535 (21100)	22.07	21.22	20.24	18.22
		2502.5 (20775)	22.18	21.19	20.24	18.15
	12RB-Low (0)	2567.5 (21425)	22.12	21.19	20.29	18.04
		2535 (21100)	22.09	21.36	20.06	17.90
		2502.5 (20775)	22.14	21.44	20.22	17.99
	25RB (0)	2567.5 (21425)	22.01	21.33	20.28	18.08
		2535 (21100)	22.20	21.20	20.32	18.20
		2502.5 (20775)	22.16	21.24	20.24	18.20
10MHz	1RB-High (49)	2565 (21400)	23.19	22.17	21.36	18.17
		2535 (21100)	23.38	22.21	21.29	18.14
		2505 (20800)	23.33	22.29	21.19	18.17
	1RB-Middle (24)	2565 (21400)	23.23	22.18	21.24	18.10
		2535 (21100)	23.24	22.18	21.27	18.29
		2505 (20800)	23.22	22.12	21.20	17.99
	1RB-Low (0)	2565 (21400)	23.32	22.27	21.26	18.03
		2535 (21100)	23.35	22.16	21.24	18.23
		2505 (20800)	23.14	22.09	21.22	18.21
	25RB-High (25)	2565 (21400)	22.21	21.18	20.14	18.09
		2535 (21100)	22.30	21.31	20.19	18.25
		2505 (20800)	22.32	21.23	20.15	18.05

	25RB-Middle (12)	2565 (21400)	22.08	21.14	20.21	18.05
		2535 (21100)	22.17	21.23	20.25	18.20
		2505 (20800)	22.23	21.17	20.14	18.18
	25RB-Low (0)	2565 (21400)	22.15	21.10	20.43	18.20
		2535 (21100)	22.11	21.30	20.22	18.11
		2505 (20800)	22.22	21.36	20.11	17.98
	50RB (0)	2565 (21400)	22.18	21.29	20.33	18.12
		2535 (21100)	22.19	21.03	20.19	18.13
		2505 (20800)	22.25	21.31	20.19	18.02
15MHz	1RB-High (74)	2562.5 (21375)	23.30	22.34	21.45	18.24
		2535 (21100)	23.37	22.19	21.11	18.19
		2507.5 (20825)	23.29	22.13	21.13	17.97
	1RB-Middle (37)	2562.5 (21375)	23.23	22.21	21.23	18.06
		2535 (21100)	23.20	22.20	21.19	18.15
		2507.5 (20825)	23.11	22.18	21.00	18.06
	1RB-Low (0)	2562.5 (21375)	23.34	22.38	21.17	18.15
		2535 (21100)	23.24	22.17	21.18	18.10
		2507.5 (20825)	23.18	22.32	21.05	18.24
	36RB-High (38)	2562.5 (21375)	22.10	21.18	20.25	18.21
		2535 (21100)	22.34	21.21	20.22	18.20
		2507.5 (20825)	22.32	21.21	20.28	18.08
	36RB-Middle (19)	2562.5 (21375)	22.12	21.06	20.26	18.16
		2535 (21100)	22.13	21.20	20.31	18.26
		2507.5 (20825)	22.16	21.34	20.14	18.15
	36RB-Low (0)	2562.5 (21375)	22.13	21.18	20.31	18.06
		2535 (21100)	22.30	21.26	20.22	17.92
		2507.5 (20825)	22.09	21.34	20.24	18.06
	75RB (0)	2562.5 (21375)	22.18	21.09	20.39	18.22
		2535 (21100)	22.34	21.20	20.33	18.16
		2507.5 (20825)	22.06	21.20	20.21	18.02
20MHz	1RB-High (99)	2560 (21350)	23.27	22.29	21.34	18.17
		2535 (21100)	23.28	22.12	21.18	18.17
		2510 (20850)	23.29	22.22	21.14	18.07
	1RB-Middle (50)	2560 (21350)	23.14	22.30	21.25	18.11
		2535 (21100)	23.33	22.21	21.16	18.18
		2510 (20850)	23.19	22.16	21.13	18.07
	1RB-Low (0)	2560 (21350)	23.24	22.33	21.30	18.07
		2535 (21100)	23.30	22.12	21.31	18.15
		2510 (20850)	23.22	22.22	21.11	18.20
	50RB-High (50)	2560 (21350)	22.16	21.22	20.26	18.13
		2535 (21100)	22.32	21.20	20.22	18.14
		2510 (20850)	22.21	21.25	20.16	18.04

	50RB-Middle (25)	2560 (21350)	22.18	21.10	20.34	18.12
		2535 (21100)	22.20	21.21	20.24	18.18
		2510 (20850)	22.14	21.29	20.14	18.12
	50RB-Low (0)	2560 (21350)	22.20	21.13	20.30	18.12
		2535 (21100)	22.19	21.26	20.18	18.01
		2510 (20850)	22.17	21.33	20.16	18.10
	100RB (0)	2560 (21350)	22.13	21.20	20.27	18.19
		2535 (21100)	22.30	21.16	20.22	18.07
		2510 (20850)	22.18	21.21	20.23	18.09

LTE B7 ANT2 Power Level D1

LTE B7 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2567.5 (21425)	19.37	19.44	19.38	17.60
		2535 (21100)	19.58	19.25	19.49	17.61
		2502.5 (20775)	19.43	19.53	19.40	17.72
	1RB-Middle (12)	2567.5 (21425)	19.42	19.29	19.33	17.71
		2535 (21100)	19.54	19.41	19.52	17.89
		2502.5 (20775)	19.48	19.39	19.49	17.54
	1RB-Low (0)	2567.5 (21425)	19.52	19.43	19.29	17.68
		2535 (21100)	19.39	19.48	19.64	17.74
		2502.5 (20775)	19.36	19.40	19.26	17.46
	12RB-High (13)	2567.5 (21425)	19.50	19.23	19.41	17.66
		2535 (21100)	19.45	19.67	19.53	17.89
		2502.5 (20775)	19.27	19.45	19.43	17.64
	12RB-Middle (6)	2567.5 (21425)	19.42	19.23	19.43	17.68
		2535 (21100)	19.31	19.36	19.24	17.82
		2502.5 (20775)	19.32	19.38	19.30	17.54
	12RB-Low (0)	2567.5 (21425)	19.46	19.45	19.39	17.63
		2535 (21100)	10.50	10.34	10.42	9.46
		2502.5 (20775)	19.19	19.04	19.09	17.48
	25RB (0)	2567.5 (21425)	19.46	19.33	19.35	17.74
		2535 (21100)	19.31	19.41	19.49	17.74
		2502.5 (20775)	19.27	19.11	19.38	17.75
10MHz	1RB-High (49)	2565 (21400)	19.26	19.58	19.25	17.54
		2535 (21100)	19.33	19.38	19.42	17.80
		2505 (20800)	19.48	19.46	19.33	17.58
	1RB-Middle (24)	2565 (21400)	19.46	19.16	19.31	17.66
		2535 (21100)	19.54	19.40	19.41	17.78
		2505 (20800)	19.22	19.36	19.46	17.68
	1RB-Low (0)	2565 (21400)	19.40	19.37	19.39	17.72

		2535 (21100)	19.44	19.48	19.54	17.63
		2505 (20800)	19.41	19.30	19.44	17.46
	25RB-High (25)	2565 (21400)	19.29	19.45	19.31	17.69
		2535 (21100)	19.47	19.45	19.57	17.95
		2505 (20800)	19.41	19.43	19.33	17.71
	25RB-Middle (12)	2565 (21400)	19.31	19.24	19.32	17.77
		2535 (21100)	19.29	19.28	19.45	17.73
		2505 (20800)	19.41	19.33	19.31	17.59
	25RB-Low (0)	2565 (21400)	19.45	19.47	19.46	17.79
		2535 (21100)	10.36	10.34	10.47	9.39
		2505 (20800)	19.27	19.21	18.96	17.47
	50RB (0)	2565 (21400)	19.45	19.34	19.24	17.61
		2535 (21100)	19.33	19.49	19.61	17.63
		2505 (20800)	19.16	19.36	19.25	17.58
15MHz	1RB-High (74)	2562.5 (21375)	19.39	19.38	19.23	17.75
		2535 (21100)	19.40	19.37	19.37	17.64
		2507.5 (20825)	19.35	19.58	19.47	17.75
	1RB-Middle (37)	2562.5 (21375)	19.27	19.26	19.53	17.49
		2535 (21100)	19.42	19.33	19.57	17.85
		2507.5 (20825)	19.39	19.55	19.35	17.54
	1RB-Low (0)	2562.5 (21375)	19.35	19.47	19.35	17.68
		2535 (21100)	19.33	19.55	19.43	17.60
		2507.5 (20825)	19.18	19.29	19.41	17.61
	36RB-High (38)	2562.5 (21375)	19.38	19.35	19.40	17.65
		2535 (21100)	19.46	19.62	19.70	17.80
		2507.5 (20825)	19.22	19.47	19.37	17.77
	36RB-Middle (19)	2562.5 (21375)	19.26	19.43	19.38	17.56
		2535 (21100)	19.38	19.24	19.43	17.71
		2507.5 (20825)	19.34	19.47	19.44	17.62
	36RB-Low (0)	2562.5 (21375)	19.49	19.21	19.44	17.80
		2535 (21100)	10.53	10.37	10.35	9.61
		2507.5 (20825)	19.14	18.98	19.16	17.66
	75RB (0)	2562.5 (21375)	19.45	19.37	19.12	17.67
		2535 (21100)	19.54	19.49	19.61	17.78
		2507.5 (20825)	19.34	19.20	19.33	17.57
20MHz	1RB-High (99)	2560 (21350)	19.38	19.46	19.27	17.63
		2535 (21100)	19.46	19.37	19.43	17.70
		2510 (20850)	19.42	19.48	19.39	17.67
	1RB-Middle (50)	2560 (21350)	19.34	19.24	19.44	17.59
		2535 (21100)	19.55	19.45	19.49	17.79
		2510 (20850)	19.35	19.43	19.47	17.60
	1RB-Low (0)	2560 (21350)	19.43	19.39	19.40	17.68

		2535 (21100)	19.43	19.50	19.53	17.68
		2510 (20850)	19.30	19.34	19.37	17.56
	50RB-High (50)	2560 (21350)	19.39	19.35	19.43	17.72
		2535 (21100)	19.54	19.58	19.59	17.86
		2510 (20850)	19.33	19.43	19.41	17.66
	50RB-Middle (25)	2560 (21350)	19.34	19.31	19.33	17.67
		2535 (21100)	19.39	19.31	19.36	17.72
		2510 (20850)	19.30	19.41	19.41	17.64
	50RB-Low (0)	2560 (21350)	19.37	19.34	19.49	17.70
		2535 (21100)	10.41	10.42	10.40	9.51
		2510 (20850)	19.20	19.09	19.08	17.54
	100RB (0)	2560 (21350)	19.35	19.40	19.23	17.68
		2535 (21100)	19.43	19.50	19.48	17.75
		2510 (20850)	19.28	19.23	19.31	17.62

LTE B7 ANT2 Power Level E1

LTE B7 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2567.5 (21425)	13.84	13.72	13.56	13.61
		2535 (21100)	13.72	13.80	13.97	13.71
		2502.5 (20775)	13.66	13.96	13.56	13.54
	1RB-Middle (12)	2567.5 (21425)	13.71	13.74	13.68	13.47
		2535 (21100)	13.87	14.03	13.99	13.69
		2502.5 (20775)	13.46	13.57	13.54	13.49
	1RB-Low (0)	2567.5 (21425)	13.75	13.81	13.70	13.33
		2535 (21100)	13.73	13.78	13.83	13.62
		2502.5 (20775)	13.48	13.70	13.50	13.35
	12RB-High (13)	2567.5 (21425)	13.57	13.70	13.69	13.43
		2535 (21100)	13.70	13.72	13.66	13.45
		2502.5 (20775)	13.69	13.75	13.66	13.56
	12RB-Middle (6)	2567.5 (21425)	13.68	13.61	13.88	13.51
		2535 (21100)	13.62	13.57	13.78	13.65
		2502.5 (20775)	13.64	13.43	13.42	13.30
	12RB-Low (0)	2567.5 (21425)	13.69	13.52	13.79	13.37
		2535 (21100)	13.71	13.92	13.85	13.67
		2502.5 (20775)	13.61	13.69	13.78	13.35
	25RB (0)	2567.5 (21425)	13.54	13.55	13.55	13.42
		2535 (21100)	13.72	13.79	13.79	13.59
		2502.5 (20775)	13.50	13.42	13.64	13.35
10MHz	1RB-High (49)	2565 (21400)	13.69	13.61	13.65	13.57
		2535 (21100)	13.67	13.88	13.78	13.64

		2505 (20800)	13.77	13.88	13.70	13.44
	1RB-Middle (24)	2565 (21400)	13.77	13.54	13.63	13.56
		2535 (21100)	13.70	13.82	14.01	13.68
		2505 (20800)	13.71	13.61	13.51	13.40
	1RB-Low (0)	2565 (21400)	13.56	13.71	13.74	13.45
		2535 (21100)	13.67	13.86	13.85	13.50
		2505 (20800)	13.42	13.53	13.65	13.24
	25RB-High (25)	2565 (21400)	13.49	13.70	13.52	13.57
		2535 (21100)	13.70	13.76	13.61	13.41
		2505 (20800)	13.71	13.63	13.71	13.39
	25RB-Middle (12)	2565 (21400)	13.74	13.68	13.74	13.61
		2535 (21100)	13.68	13.60	13.73	13.44
		2505 (20800)	13.53	13.42	13.45	13.36
	25RB-Low (0)	2565 (21400)	13.60	13.54	13.61	13.38
		2535 (21100)	13.65	13.72	13.87	13.73
		2505 (20800)	13.59	13.77	13.63	13.37
	50RB (0)	2565 (21400)	13.53	13.45	13.54	13.39
		2535 (21100)	13.71	13.66	13.76	13.64
		2505 (20800)	13.55	13.61	13.65	13.51
15MHz	1RB-High (74)	2562.5 (21375)	13.80	13.77	13.59	13.48
		2535 (21100)	13.85	13.67	13.88	13.47
		2507.5 (20825)	13.81	13.97	13.69	13.49
	1RB-Middle (37)	2562.5 (21375)	13.80	13.54	13.62	13.56
		2535 (21100)	13.91	13.91	13.79	13.71
		2507.5 (20825)	13.45	13.76	13.54	13.29
	1RB-Low (0)	2562.5 (21375)	13.70	13.79	13.79	13.43
		2535 (21100)	13.65	13.77	13.82	13.66
		2507.5 (20825)	13.47	13.51	13.48	13.41
	36RB-High (38)	2562.5 (21375)	13.60	13.76	13.66	13.41
		2535 (21100)	13.56	13.65	13.57	13.41
		2507.5 (20825)	13.50	13.77	13.61	13.44
	36RB-Middle (19)	2562.5 (21375)	13.60	13.69	13.85	13.67
		2535 (21100)	13.74	13.52	13.63	13.66
		2507.5 (20825)	13.49	13.31	13.62	13.35
	36RB-Low (0)	2562.5 (21375)	13.59	13.74	13.73	13.36
		2535 (21100)	13.71	13.78	13.95	13.60
		2507.5 (20825)	13.67	13.72	13.74	13.54
	75RB (0)	2562.5 (21375)	13.71	13.48	13.77	13.63
		2535 (21100)	13.72	13.67	13.79	13.64
		2507.5 (20825)	13.49	13.57	13.62	13.41
20MHz	1RB-High (99)	2560 (21350)	13.72	13.73	13.63	13.52
		2535 (21100)	13.78	13.76	13.90	13.58

		2510 (20850)	13.75	13.85	13.68	13.55
	1RB-Middle (50)	2560 (21350)	13.67	13.65	13.55	13.47
		2535 (21100)	13.83	13.94	13.88	13.63
		2510 (20850)	13.58	13.63	13.64	13.38
	1RB-Low (0)	2560 (21350)	13.66	13.69	13.75	13.46
		2535 (21100)	13.73	13.75	13.74	13.53
		2510 (20850)	13.51	13.57	13.59	13.31
	50RB-High (50)	2560 (21350)	13.62	13.63	13.59	13.50
		2535 (21100)	13.66	13.69	13.62	13.54
		2510 (20850)	13.58	13.70	13.71	13.46
	50RB-Middle (25)	2560 (21350)	13.68	13.71	13.81	13.56
		2535 (21100)	13.66	13.57	13.74	13.54
		2510 (20850)	13.51	13.41	13.51	13.39
	50RB-Low (0)	2560 (21350)	13.61	13.63	13.68	13.49
		2535 (21100)	13.77	13.83	13.83	13.65
		2510 (20850)	13.59	13.66	13.65	13.47
	100RB (0)	2560 (21350)	13.62	13.50	13.67	13.50
		2535 (21100)	13.74	13.74	13.75	13.62
		2510 (20850)	13.59	13.51	13.60	13.47

LTE B12 ANT0 Power Level A1/B1/C1/D1

LTE B12						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	715.3	23.67	22.93	21.86	18.46
		707.5	23.73	22.91	21.87	18.47
		699.7	23.70	22.85	21.84	18.46
	1RB-Middle (3)	715.3	23.64	22.89	21.77	18.58
		707.5	23.70	22.99	21.88	18.64
		699.7	23.62	22.96	21.77	18.64
	1RB-Low (0)	715.3	23.66	22.86	21.83	18.53
		707.5	23.68	23.00	21.87	18.43
		699.7	23.79	22.97	21.87	18.64
	3RB-High (3)	715.3	23.69	22.61	21.72	18.64
		707.5	23.75	22.69	21.84	18.65
		699.7	23.73	22.57	21.65	18.37
	3RB-Middle (1)	715.3	23.73	22.63	21.70	18.45
		707.5	23.75	22.64	21.72	18.54
		699.7	23.73	22.59	21.73	18.44
	3RB-Low (0)	715.3	23.70	22.71	21.81	18.60
		707.5	23.75	22.72	21.73	18.53
		699.7	23.71	22.59	21.77	18.63

	6RB (0)	715.3	22.65	21.68	20.59	18.61
		707.5	22.68	21.76	20.54	18.41
		699.7	22.67	21.77	20.58	18.62
3MHz	1RB-High (14)	714.5	23.61	22.91	21.83	18.57
		707.5	23.72	22.97	21.90	18.36
		700.5	23.80	22.89	21.92	18.49
	1RB-Middle (7)	714.5	23.69	22.77	21.85	18.64
		707.5	23.79	22.99	21.95	18.64
		700.5	23.69	22.95	21.92	18.51
	1RB-Low (0)	714.5	23.62	22.99	21.87	18.39
		707.5	23.63	22.87	21.82	18.51
		700.5	23.69	22.97	21.87	18.54
	8RB-High (7)	714.5	22.64	21.71	20.65	18.41
		707.5	22.72	21.77	20.75	18.36
		700.5	22.76	21.76	20.74	18.54
	8RB-Middle (4)	714.5	22.66	21.68	20.65	18.41
		707.5	22.73	21.76	20.74	18.54
		700.5	22.72	21.81	20.74	18.62
	8RB-Low (0)	714.5	22.67	21.72	20.69	18.65
		707.5	22.75	21.77	20.73	18.46
		700.5	22.73	21.73	20.76	18.45
	15RB (0)	714.5	22.65	21.63	20.59	18.60
		707.5	22.72	21.75	20.68	18.53
		700.5	22.74	21.74	20.72	18.59
5MHz	1RB-High (24)	713.5	23.81	23.05	21.90	18.65
		707.5	23.90	22.95	21.99	18.61
		701.5	23.80	22.95	21.92	18.36
	1RB-Middle (12)	713.5	23.79	23.05	21.94	18.52
		707.5	23.79	23.05	22.01	18.49
		701.5	23.78	23.08	21.94	18.52
	1RB-Low (0)	713.5	23.77	23.05	21.85	18.55
		707.5	23.77	23.15	21.97	18.63
		701.5	23.80	22.97	21.85	18.54
	12RB-High (13)	713.5	22.74	21.67	20.74	18.35
		707.5	22.78	21.81	20.81	18.64
		701.5	22.77	21.80	20.76	18.54
	12RB-Middle (6)	713.5	22.73	21.78	20.73	18.47
		707.5	22.81	21.79	20.77	18.64
		701.5	22.80	21.80	20.88	18.35
	12RB-Low (0)	713.5	22.78	21.74	20.77	18.42
		707.5	22.84	21.77	20.84	18.48
		701.5	22.81	21.79	20.83	18.59

	25RB (0)	713.5	22.76	21.73	20.75	18.63
		707.5	22.83	21.78	20.75	18.35
		701.5	22.81	21.79	20.76	18.61
10MHz	1RB-High (49)	711	23.79	22.62	21.54	18.38
		707.5	23.52	22.62	22.01	18.43
		704	23.55	22.82	21.61	18.58
	1RB-Middle (24)	711	23.90	22.67	21.52	18.50
		707.5	23.52	22.72	21.58	18.54
		704	23.54	22.59	21.52	18.51
	1RB-Low (0)	711	23.97	22.74	22.08	18.53
		707.5	23.58	22.68	21.59	18.50
		704	23.57	22.70	22.11	18.41
	25RB-High (25)	711	22.84	21.79	20.79	18.36
		707.5	22.94	21.97	20.85	18.52
		704	22.93	21.91	20.88	18.56
	25RB-Middle (12)	711	22.90	21.88	20.85	18.49
		707.5	22.93	21.89	20.87	18.40
		704	22.92	21.87	20.85	18.42
	25RB-Low (0)	711	22.99	21.92	20.87	18.37
		707.5	22.98	21.95	20.93	18.45
		704	22.95	21.95	20.90	18.60
	50RB (0)	711	22.89	21.86	20.82	18.55
		707.5	22.98	21.94	20.91	18.44
		704	22.95	21.95	20.87	18.48

LTE B12 ANT0 Power Level E1

LTE B12						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	715.3	21.13	20.49	19.26	16.17
		707.5	21.18	20.51	19.38	16.08
		699.7	21.14	20.46	19.38	16.12
	1RB-Middle (3)	715.3	21.12	20.37	19.27	16.08
		707.5	21.21	20.52	19.35	16.20
		699.7	21.14	20.41	19.30	16.10
	1RB-Low (0)	715.3	21.14	20.47	19.27	16.13
		707.5	21.17	20.49	19.42	16.21
		699.7	21.11	20.29	19.21	16.38
	3RB-High (3)	715.3	21.14	20.12	19.22	16.24
		707.5	21.20	20.12	19.26	16.35
		699.7	21.14	20.08	19.23	16.29
	3RB-Middle (1)	715.3	21.17	20.22	19.26	16.33

		707.5	21.16	20.19	19.20	16.24
		699.7	21.17	20.11	19.22	16.26
	3RB-Low (0)	715.3	21.20	20.07	19.24	16.30
		707.5	21.16	20.15	19.24	16.30
		699.7	21.08	20.06	19.17	16.15
	6RB (0)	715.3	20.13	19.14	18.13	16.25
		707.5	20.14	19.19	18.16	16.46
		699.7	20.14	19.16	18.07	16.31
3MHz	1RB-High (14)	714.5	21.14	20.47	19.29	16.25
		707.5	21.19	20.51	19.35	16.11
		700.5	21.12	20.38	19.30	16.23
	1RB-Middle (7)	714.5	21.12	20.39	19.39	16.26
		707.5	21.20	20.48	19.37	16.35
		700.5	21.00	20.53	19.37	16.12
	1RB-Low (0)	714.5	21.13	20.40	19.26	16.30
		707.5	21.12	20.43	19.22	16.20
		700.5	21.09	20.43	19.31	16.21
	8RB-High (7)	714.5	20.17	19.18	18.16	16.33
		707.5	20.20	19.23	18.21	16.41
		700.5	20.15	19.21	18.17	16.18
	8RB-Middle (4)	714.5	20.15	19.22	18.12	16.37
		707.5	20.20	19.25	18.19	16.21
		700.5	20.17	19.19	18.22	16.30
	8RB-Low (0)	714.5	20.19	19.20	18.17	16.28
		707.5	20.20	19.23	18.22	16.36
		700.5	20.17	19.20	18.20	16.37
	15RB (0)	714.5	20.11	19.08	18.08	16.19
		707.5	20.16	19.22	18.12	16.33
		700.5	20.15	19.20	18.11	16.16
5MHz	1RB-High (24)	713.5	21.16	20.54	19.25	16.11
		707.5	21.26	20.45	19.46	16.24
		701.5	21.14	20.51	19.32	16.18
	1RB-Middle (12)	713.5	21.27	20.56	19.35	16.23
		707.5	21.25	20.54	19.51	16.26
		701.5	21.17	20.40	19.41	16.09
	1RB-Low (0)	713.5	21.27	20.59	19.40	16.30
		707.5	21.19	20.53	19.39	16.12
		701.5	21.20	20.38	19.35	16.26
	12RB-High (13)	713.5	20.18	19.19	18.22	16.33
		707.5	20.24	19.23	18.27	16.20
		701.5	20.16	19.28	18.23	16.37
	12RB-Middle (6)	713.5	20.24	19.21	18.25	16.21

		707.5	20.23	19.19	18.22	16.32
		701.5	20.19	19.22	18.25	16.27
	12RB-Low (0)	713.5	20.22	19.22	18.21	16.23
		707.5	20.26	19.24	18.33	16.33
		701.5	20.27	19.19	18.26	16.19
	25RB (0)	713.5	20.25	19.17	18.17	16.10
		707.5	20.25	19.23	18.24	16.28
		701.5	20.21	19.21	18.20	16.18
10MHz	1RB-High (49)	711	21.19	20.42	19.35	16.18
		707.5	21.22	20.44	19.32	16.16
		704	21.24	20.66	19.30	16.14
	1RB-Middle (24)	711	21.28	20.60	19.36	16.19
		707.5	21.26	20.54	19.52	16.33
		704	21.20	20.55	19.37	16.20
	1RB-Low (0)	711	21.21	20.69	19.43	16.25
		707.5	21.23	20.59	19.43	16.25
		704	21.25	20.55	19.44	16.26
	25RB-High (25)	711	20.18	19.17	18.16	16.24
		707.5	20.28	19.27	18.26	16.33
		704	20.24	19.26	18.21	16.28
	25RB-Middle (12)	711	20.25	19.23	18.19	16.27
		707.5	20.28	19.22	18.19	16.27
		704	20.29	19.15	18.22	16.29
	25RB-Low (0)	711	20.35	19.24	18.24	16.31
		707.5	20.32	19.28	18.30	16.36
		704	20.24	19.25	18.20	16.27
	50RB (0)	711	20.22	19.21	18.15	16.23
		707.5	20.31	19.27	18.26	16.33
		704	20.21	19.24	18.21	16.28

LTE B13 ANT0 Power Level A1/B1/C1/D1

LTE B13						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	784.5 (23255)	24.00	23.29	22.15	18.81
		782 (23230)	23.97	23.22	22.11	18.91
		779.5 (23205)	24.01	23.20	22.14	18.68
	1RB-Middle (12)	784.5 (23255)	24.02	23.30	22.22	18.95
		782 (23230)	24.00	23.28	22.17	18.69
		779.5 (23205)	23.91	23.18	22.07	18.70
	1RB-Low (0)	784.5 (23255)	24.04	23.32	22.18	18.74
		782 (23230)	23.90	23.25	22.02	18.68

		779.5 (23205)	23.98	23.10	22.05	18.66
	12RB-High (13)	784.5 (23255)	22.98	21.99	20.99	18.81
		782 (23230)	22.98	22.01	20.98	18.66
		779.5 (23205)	22.99	21.94	20.97	18.67
	12RB-Middle (6)	784.5 (23255)	22.97	22.04	21.00	18.88
		782 (23230)	22.96	21.99	21.02	18.80
		779.5 (23205)	22.93	21.97	20.98	18.79
	12RB-Low (0)	784.5 (23255)	23.02	22.00	21.06	18.82
		782 (23230)	22.98	22.01	21.04	18.77
		779.5 (23205)	22.97	21.90	20.93	18.82
	25RB (0)	784.5 (23255)	23.04	22.03	20.99	18.80
		782 (23230)	23.04	22.01	20.97	18.68
		779.5 (23205)	22.98	21.96	20.95	18.74
10MHz	1RB-High (49)	782 (23230)	24.05	23.36	22.14	18.80
	1RB-Middle (24)	782 (23230)	23.93	23.25	22.08	18.83
	1RB-Low (0)	782 (23230)	23.94	23.41	22.12	18.67
	25RB-High (25)	782 (23230)	22.95	21.93	20.93	18.93
	25RB-Middle (12)	782 (23230)	22.97	21.95	20.91	18.80
	25RB-Low (0)	782 (23230)	23.00	21.96	20.98	18.74
	50RB (0)	782 (23230)	22.95	21.95	20.93	18.83

LTE B13 ANT0 Power Level E1

LTE B13						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	784.5 (23255)	20.55	19.82	18.69	15.54
		782 (23230)	20.55	19.76	18.70	15.66
		779.5 (23205)	20.58	19.81	18.70	15.76
	1RB-Middle (12)	784.5 (23255)	20.57	19.73	18.74	15.48
		782 (23230)	20.67	19.86	18.76	15.76
		779.5 (23205)	20.67	19.86	18.84	15.69
	1RB-Low (0)	784.5 (23255)	20.60	19.85	18.81	15.51
		782 (23230)	20.63	19.91	18.87	15.62
		779.5 (23205)	20.58	19.89	18.75	15.63
	12RB-High (13)	784.5 (23255)	19.55	18.62	17.60	15.50
		782 (23230)	19.52	18.58	17.54	15.66
		779.5 (23205)	19.55	18.50	17.57	15.67
	12RB-Middle (6)	784.5 (23255)	19.54	18.60	17.58	15.43
		782 (23230)	19.51	18.57	17.56	15.64
		779.5 (23205)	19.56	18.57	17.65	15.58
	12RB-Low (0)	784.5 (23255)	19.58	18.64	17.60	15.42
		782 (23230)	19.58	18.65	17.62	15.59

		779.5 (23205)	19.57	18.58	17.58	15.63
	25RB (0)	784.5 (23255)	19.61	18.60	17.58	15.57
		782 (23230)	19.61	18.60	17.61	15.46
		779.5 (23205)	19.60	18.55	17.56	15.53
10MHz	1RB-High (49)	782 (23230)	20.58	19.84	18.62	15.57
	1RB-Middle (24)	782 (23230)	20.59	19.76	18.83	15.75
	1RB-Low (0)	782 (23230)	20.66	20.02	18.84	15.75
	25RB-High (25)	782 (23230)	19.57	18.57	17.52	15.51
	25RB-Middle (12)	782 (23230)	19.61	18.60	17.59	15.58
	25RB-Low (0)	782 (23230)	19.54	18.61	17.57	15.56
	50RB (0)	782 (23230)	19.59	18.53	17.57	15.56

LTE B26 ANT0 Power Level A1/B1/D1

LTE B26						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	848.3 (27033)	23.67	22.53	21.53	18.50
		831.5 (26865)	23.69	22.88	21.92	18.50
		814.7 (26697)	23.79	22.51	21.82	18.53
	1RB-Middle (3)	848.3 (27033)	23.61	22.54	21.76	18.63
		831.5 (26865)	23.76	22.95	21.95	18.46
		814.7 (26697)	23.68	22.55	21.79	18.35
	1RB-Low (0)	848.3 (27033)	23.59	22.88	21.87	18.42
		831.5 (26865)	23.72	22.98	21.94	18.40
		814.7 (26697)	23.52	22.56	21.54	18.56
	3RB-High (3)	848.3 (27033)	23.59	22.61	21.66	18.52
		831.5 (26865)	23.73	22.63	21.73	18.62
		814.7 (26697)	23.78	22.59	21.75	18.64
	3RB-Middle (1)	848.3 (27033)	23.73	22.70	21.75	18.36
		831.5 (26865)	23.67	22.69	21.72	18.40
		814.7 (26697)	23.73	22.65	21.76	18.65
	3RB-Low (0)	848.3 (27033)	23.77	22.67	21.71	18.54
		831.5 (26865)	23.77	22.69	21.80	18.55
		814.7 (26697)	23.66	22.73	21.73	18.51
	6RB (0)	848.3 (27033)	22.69	21.76	20.66	18.59
		831.5 (26865)	22.68	21.79	20.66	18.36
		814.7 (26697)	22.68	21.76	20.69	18.50
3MHz	1RB-High (14)	847.5 (27025)	23.56	22.73	21.78	18.37
		831.5 (26865)	23.75	22.85	21.84	18.46
		815.5 (26705)	23.60	22.87	21.83	18.37
	1RB-Middle (7)	847.5 (27025)	23.67	22.77	21.75	18.45
		831.5 (26865)	23.65	22.81	21.79	18.35

		815.5 (26705)	23.58	22.94	21.78	18.60
	1RB-Low (0)	847.5 (27025)	23.51	22.74	21.68	18.52
		831.5 (26865)	23.58	22.92	21.85	18.63
		815.5 (26705)	23.65	22.86	21.69	18.57
	8RB-High (7)	847.5 (27025)	22.62	21.59	20.63	18.59
		831.5 (26865)	22.66	21.69	20.70	18.45
		815.5 (26705)	22.61	21.67	20.68	18.60
	8RB-Middle (4)	847.5 (27025)	22.58	21.60	20.66	18.39
		831.5 (26865)	22.65	21.67	20.68	18.43
		815.5 (26705)	22.61	21.68	20.69	18.56
	8RB-Low (0)	847.5 (27025)	22.62	21.67	20.68	18.47
		831.5 (26865)	22.66	21.71	20.70	18.38
		815.5 (26705)	22.59	21.70	20.66	18.38
	15RB (0)	847.5 (27025)	22.60	21.60	20.61	18.50
		831.5 (26865)	22.61	21.64	20.60	18.53
		815.5 (26705)	22.64	21.62	20.67	18.51
5MHz	1RB-High (24)	846.5 (27015)	23.65	22.92	21.74	18.60
		831.5 (26865)	23.63	23.02	21.84	18.36
		816.5 (26715)	23.69	22.90	21.87	18.53
	1RB-Middle (12)	846.5 (27015)	23.57	22.80	21.78	18.59
		831.5 (26865)	23.71	23.07	21.84	18.54
		816.5 (26715)	23.72	22.98	21.98	18.65
	1RB-Low (0)	846.5 (27015)	23.61	22.86	21.82	18.35
		831.5 (26865)	23.65	22.94	21.85	18.59
		816.5 (26715)	23.68	22.96	21.91	18.57
	12RB-High (13)	846.5 (27015)	22.60	21.65	20.63	18.64
		831.5 (26865)	22.71	21.70	20.69	18.50
		816.5 (26715)	22.72	21.73	20.75	18.52
	12RB-Middle (6)	846.5 (27015)	22.62	21.59	20.66	18.48
		831.5 (26865)	22.65	21.66	20.66	18.51
		816.5 (26715)	22.72	21.75	20.75	18.38
	12RB-Low (0)	846.5 (27015)	22.63	21.64	20.68	18.44
		831.5 (26865)	22.71	21.72	20.68	18.51
		816.5 (26715)	22.76	21.74	20.76	18.41
	25RB (0)	846.5 (27015)	22.69	21.67	20.65	18.40
		831.5 (26865)	22.72	21.71	20.65	18.59
		816.5 (26715)	22.78	21.77	20.75	18.59
10MHz	1RB-High (49)	844 (26990)	23.64	23.02	21.81	18.51
		831.5 (26865)	23.66	22.95	21.87	18.37
		820 (26750)	23.74	22.99	21.84	18.42
	1RB-Middle (24)	844 (26990)	23.58	22.89	21.71	18.65
		831.5 (26865)	23.67	23.00	21.84	18.40

		820 (26750)	23.68	22.82	21.86	18.40
	1RB-Low (0)	844 (26990)	23.74	22.95	21.80	18.49
		831.5 (26865)	23.73	23.04	21.78	18.44
		820 (26750)	23.69	23.07	21.93	18.54
	25RB-High (25)	844 (26990)	22.60	21.57	20.57	18.44
		831.5 (26865)	22.70	21.68	20.65	18.54
		820 (26750)	22.69	21.70	20.68	18.46
	25RB-Middle (12)	844 (26990)	22.63	21.61	20.58	18.59
		831.5 (26865)	22.63	21.61	20.58	18.46
		820 (26750)	22.71	21.70	20.69	18.44
	25RB-Low (0)	844 (26990)	22.65	21.63	20.65	18.37
		831.5 (26865)	22.70	21.69	20.66	18.61
		820 (26750)	22.71	21.74	20.72	18.36
	50RB (0)	844 (26990)	22.59	21.60	20.58	18.58
		831.5 (26865)	22.67	21.65	20.64	18.55
		820 (26750)	22.71	21.69	20.66	18.39
15MHz	1RB-High (74)	841.5 (26965)	23.61	22.87	21.72	18.56
		831.5 (26865)	23.66	22.90	21.77	18.44
		822.5 (26775)	23.62	22.98	21.69	18.39
	1RB-Middle (37)	841.5 (26965)	23.67	22.86	21.80	18.51
		831.5 (26865)	23.74	22.92	21.90	18.50
		822.5 (26775)	23.70	22.90	21.80	18.49
	1RB-Low (0)	841.5 (26965)	23.72	22.95	21.88	18.56
		831.5 (26865)	23.65	22.87	21.88	18.61
		822.5 (26775)	23.72	22.83	21.87	18.41
	36RB-High (38)	841.5 (26965)	22.62	21.59	20.61	18.36
		831.5 (26865)	22.65	21.65	20.66	18.41
		822.5 (26775)	22.59	21.60	20.66	18.63
	36RB-Middle (19)	841.5 (26965)	22.64	21.64	20.66	18.59
		831.5 (26865)	22.65	21.63	20.66	18.49
		822.5 (26775)	22.68	21.65	20.67	18.50
	36RB-Low (0)	841.5 (26965)	22.63	21.61	20.64	18.45
		831.5 (26865)	22.75	21.65	20.64	18.55
		822.5 (26775)	22.72	21.70	20.71	18.47
	75RB (0)	841.5 (26965)	22.64	21.62	20.63	18.39
		831.5 (26865)	22.66	21.67	20.64	18.48
		822.5 (26775)	22.68	21.67	20.67	18.58

LTE B26 ANT0 Power Level C1

LTE B26						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	848.3 (27033)	21.80	21.01	20.13	16.60
		831.5 (26865)	21.69	21.02	20.00	16.58
		814.7 (26697)	21.76	21.23	20.22	16.63
	1RB-Middle (3)	848.3 (27033)	21.69	20.94	20.04	16.57
		831.5 (26865)	21.70	21.14	20.02	16.76
		814.7 (26697)	21.72	21.21	20.15	16.66
	1RB-Low (0)	848.3 (27033)	21.67	21.11	19.90	16.57
		831.5 (26865)	21.72	21.07	19.92	16.76
		814.7 (26697)	21.86	21.35	20.12	16.70
	3RB-High (3)	848.3 (27033)	21.78	21.01	20.17	16.80
		831.5 (26865)	21.72	21.11	19.93	16.71
		814.7 (26697)	21.72	21.20	20.15	16.61
	3RB-Middle (1)	848.3 (27033)	21.76	20.87	20.13	16.57
		831.5 (26865)	21.73	21.14	20.10	16.56
		814.7 (26697)	21.66	21.27	20.16	16.77
	3RB-Low (0)	848.3 (27033)	21.65	21.06	19.88	16.77
		831.5 (26865)	21.72	20.98	19.91	16.67
		814.7 (26697)	21.81	21.32	20.15	16.75
	6RB (0)	848.3 (27033)	20.75	19.65	18.91	16.60
		831.5 (26865)	20.83	19.87	18.85	16.60
		814.7 (26697)	20.79	19.77	18.82	16.80
3MHz	1RB-High (14)	847.5 (27025)	21.78	21.16	20.05	16.74
		831.5 (26865)	21.67	20.95	20.05	16.68
		815.5 (26705)	21.67	21.27	20.07	16.77
	1RB-Middle (7)	847.5 (27025)	21.63	21.04	19.98	16.60
		831.5 (26865)	21.88	21.22	19.89	16.63
		815.5 (26705)	21.72	21.07	20.14	16.58
	1RB-Low (0)	847.5 (27025)	21.70	21.17	19.97	16.59
		831.5 (26865)	21.89	21.15	19.92	16.62
		815.5 (26705)	21.77	21.27	20.10	16.82
	8RB-High (7)	847.5 (27025)	20.78	19.80	18.87	16.59
		831.5 (26865)	20.62	19.81	18.77	16.75
		815.5 (26705)	20.83	19.81	18.91	16.58
	8RB-Middle (4)	847.5 (27025)	20.67	19.70	18.93	16.61
		831.5 (26865)	20.73	19.91	19.00	16.76
		815.5 (26705)	20.75	19.80	18.86	16.60
	8RB-Low (0)	847.5 (27025)	20.88	19.73	18.81	16.71
		831.5 (26865)	20.93	19.85	18.94	16.64

		815.5 (26705)	20.89	19.80	19.01	16.79
	15RB (0)	847.5 (27025)	20.80	19.73	18.92	16.85
		831.5 (26865)	20.82	19.70	18.88	16.83
		815.5 (26705)	20.81	19.95	19.05	16.83
5MHz	1RB-High (24)	846.5 (27015)	21.88	21.22	20.09	16.74
		831.5 (26865)	21.84	21.02	20.02	16.65
		816.5 (26715)	21.84	21.15	20.08	16.69
	1RB-Middle (12)	846.5 (27015)	21.76	21.07	20.07	16.59
		831.5 (26865)	21.77	21.13	20.12	16.73
		816.5 (26715)	21.89	21.26	20.13	16.67
	1RB-Low (0)	846.5 (27015)	21.76	21.05	19.98	16.71
		831.5 (26865)	21.87	21.25	20.05	16.71
		816.5 (26715)	21.79	21.09	20.08	16.63
	12RB-High (13)	846.5 (27015)	20.72	19.84	18.95	16.80
		831.5 (26865)	20.79	19.79	18.89	16.73
		816.5 (26715)	20.84	19.85	18.97	16.79
	12RB-Middle (6)	846.5 (27015)	20.80	19.78	18.90	16.56
		831.5 (26865)	20.83	19.80	18.97	16.77
		816.5 (26715)	20.86	19.90	18.98	16.72
	12RB-Low (0)	846.5 (27015)	20.77	19.83	18.91	16.65
		831.5 (26865)	20.84	19.87	18.94	16.76
		816.5 (26715)	20.87	19.87	18.96	16.84
	25RB (0)	846.5 (27015)	20.86	19.84	18.86	16.85
		831.5 (26865)	20.83	19.76	18.89	16.56
		816.5 (26715)	20.92	19.85	19.00	16.60
10MHz	1RB-High (49)	844 (26990)	21.84	21.18	20.15	16.85
		831.5 (26865)	21.79	21.07	20.13	16.55
		819 (26740)	21.81	20.98	20.10	16.85
	1RB-Middle (24)	844 (26990)	21.81	21.07	20.07	16.78
		831.5 (26865)	21.82	21.23	20.07	16.68
		819 (26740)	21.82	21.13	20.11	16.67
	1RB-Low (0)	844 (26990)	21.82	21.05	20.15	16.61
		831.5 (26865)	21.91	21.25	20.24	16.84
		819 (26740)	21.87	21.23	20.23	16.76
	25RB-High (25)	844 (26990)	20.76	19.72	18.85	16.63
		831.5 (26865)	20.80	19.80	18.90	16.62
		819 (26740)	20.82	19.79	18.86	16.80
	25RB-Middle (12)	844 (26990)	20.79	19.75	18.86	16.57
		831.5 (26865)	20.85	19.84	18.90	16.81
		819 (26740)	20.89	19.85	18.94	16.72
	25RB-Low (0)	844 (26990)	20.82	19.78	18.90	16.77
		831.5 (26865)	20.87	19.84	18.97	16.62

		819 (26740)	20.90	19.85	18.99	16.81
	50RB (0)	844 (26990)	20.78	19.77	18.86	16.80
		831.5 (26865)	20.84	19.83	18.90	16.82
		819 (26740)	20.86	19.86	18.95	16.58
15MHz	1RB-High (74)	841.5 (26965)	21.76	21.05	20.09	16.58
		831.5 (26865)	21.73	21.07	19.98	16.75
		821.5 (26765)	21.79	21.14	20.14	16.61
	1RB-Middle (37)	841.5 (26965)	21.74	20.98	19.98	16.83
		831.5 (26865)	21.76	21.17	19.99	16.62
		821.5 (26765)	21.77	21.13	20.06	16.59
	1RB-Low (0)	841.5 (26965)	21.79	21.05	19.98	16.59
		831.5 (26865)	21.83	21.03	20.05	16.57
		821.5 (26765)	21.82	21.23	20.12	16.83
	36RB-High (38)	841.5 (26965)	20.71	19.70	18.83	16.59
		831.5 (26865)	20.72	19.72	18.82	16.67
		821.5 (26765)	20.76	19.77	18.90	16.65
	36RB-Middle (19)	841.5 (26965)	20.74	19.72	18.84	16.65
		831.5 (26865)	20.76	19.80	18.88	16.56
		821.5 (26765)	20.74	19.76	18.86	16.83
	36RB-Low (0)	841.5 (26965)	20.76	19.75	18.85	16.77
		831.5 (26865)	20.81	19.80	18.95	16.78
		821.5 (26765)	20.78	19.80	18.91	16.67
	75RB (0)	841.5 (26965)	20.74	19.75	18.81	16.65
		831.5 (26865)	20.76	19.77	18.86	16.60
		821.5 (26765)	20.78	19.84	18.93	16.73

LTE B26 ANT0 Power Level E1

LTE B26						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	848.3 (27033)	19.69	18.79	17.62	14.95
		831.5 (26865)	19.76	18.88	17.69	14.86
		814.7 (26697)	19.78	18.89	17.82	14.96
	1RB-Middle (3)	848.3 (27033)	19.78	18.62	17.57	14.84
		831.5 (26865)	19.77	18.80	17.72	14.82
		814.7 (26697)	19.77	18.98	17.82	15.00
	1RB-Low (0)	848.3 (27033)	19.73	18.66	17.68	14.95
		831.5 (26865)	19.80	18.85	17.77	14.90
		814.7 (26697)	19.81	18.82	17.80	15.06
	3RB-High (3)	848.3 (27033)	19.79	18.48	17.57	14.51
		831.5 (26865)	19.76	18.53	17.61	14.48
		814.7 (26697)	19.83	18.62	17.63	14.76

	3RB-Middle (1)	848.3 (27033)	19.73	18.51	17.56	14.52
		831.5 (26865)	19.72	18.52	17.57	14.63
		814.7 (26697)	19.78	18.58	17.66	14.69
	3RB-Low (0)	848.3 (27033)	19.72	18.41	17.58	14.72
		831.5 (26865)	19.73	18.50	17.56	14.58
		814.7 (26697)	19.81	18.60	17.70	14.75
	6RB (0)	848.3 (27033)	18.67	17.63	16.48	14.61
		831.5 (26865)	18.74	17.62	16.48	14.73
		814.7 (26697)	18.84	17.68	16.57	14.81
3MHz	1RB-High (14)	847.5 (27025)	19.65	18.63	17.71	14.88
		831.5 (26865)	19.72	18.80	17.73	14.74
		815.5 (26705)	19.69	18.95	17.71	15.00
	1RB-Middle (7)	847.5 (27025)	19.74	18.72	17.65	14.87
		831.5 (26865)	19.78	18.75	17.68	14.90
		815.5 (26705)	19.69	18.86	17.77	14.81
	1RB-Low (0)	847.5 (27025)	19.70	18.87	17.61	14.83
		831.5 (26865)	19.72	18.90	17.63	15.05
		815.5 (26705)	19.75	18.91	17.68	14.85
	8RB-High (7)	847.5 (27025)	18.67	17.51	16.44	14.63
		831.5 (26865)	18.73	17.61	16.59	14.49
		815.5 (26705)	18.73	17.60	16.58	14.57
	8RB-Middle (4)	847.5 (27025)	18.72	17.55	16.51	14.68
		831.5 (26865)	18.71	17.57	16.56	14.53
		815.5 (26705)	18.82	17.62	16.57	14.79
	8RB-Low (0)	847.5 (27025)	18.76	17.64	16.64	14.49
		831.5 (26865)	18.74	17.56	16.64	14.59
		815.5 (26705)	18.75	17.61	16.57	14.70
	15RB (0)	847.5 (27025)	18.65	17.51	16.45	14.56
		831.5 (26865)	18.72	17.52	16.51	14.57
		815.5 (26705)	18.74	17.57	16.51	14.77
5MHz	1RB-High (24)	846.5 (27015)	19.72	18.82	17.72	14.98
		831.5 (26865)	19.75	18.89	17.66	14.86
		816.5 (26715)	19.81	18.82	17.78	15.11
	1RB-Middle (12)	846.5 (27015)	19.76	18.81	17.71	14.92
		831.5 (26865)	19.87	18.98	17.76	14.77
		816.5 (26715)	19.83	19.01	17.79	14.86
	1RB-Low (0)	846.5 (27015)	19.80	18.88	17.72	15.05
		831.5 (26865)	19.82	18.88	17.75	15.05
		816.5 (26715)	19.86	18.95	17.90	15.02
	12RB-High (13)	846.5 (27015)	18.70	17.56	16.53	14.61
		831.5 (26865)	18.79	17.54	16.61	14.54
		816.5 (26715)	18.87	17.63	16.65	14.62

	12RB-Middle (6)	846.5 (27015)	18.82	17.60	16.66	14.67
		831.5 (26865)	18.81	17.59	16.61	14.75
		816.5 (26715)	18.85	17.71	16.64	14.72
	12RB-Low (0)	846.5 (27015)	18.81	17.65	16.66	14.67
		831.5 (26865)	18.80	17.65	16.63	14.56
		816.5 (26715)	18.88	17.72	16.70	14.58
	25RB (0)	846.5 (27015)	18.85	17.60	16.54	14.63
		831.5 (26865)	18.81	17.59	16.55	14.64
		816.5 (26715)	18.93	17.66	16.63	14.74
10MHz	1RB-High (49)	844 (26990)	19.75	18.95	17.74	14.94
		831.5 (26865)	19.72	18.78	17.76	14.98
		820 (26750)	19.86	18.87	17.90	14.90
	1RB-Middle (24)	844 (26990)	19.81	18.81	17.83	14.92
		831.5 (26865)	19.80	18.79	17.79	14.71
		820 (26750)	19.83	18.87	17.85	14.82
	1RB-Low (0)	844 (26990)	19.72	18.79	17.77	14.98
		831.5 (26865)	19.86	19.12	17.83	14.89
		820 (26750)	19.87	19.03	17.87	14.92
	25RB-High (25)	844 (26990)	18.72	17.56	16.51	14.50
		831.5 (26865)	18.77	17.57	16.58	14.54
		820 (26750)	18.85	17.61	16.60	14.59
	25RB-Middle (12)	844 (26990)	18.82	17.60	16.57	14.59
		831.5 (26865)	18.80	17.58	16.56	14.74
		820 (26750)	18.89	17.59	16.62	14.57
	25RB-Low (0)	844 (26990)	18.78	17.56	16.56	14.68
		831.5 (26865)	18.80	17.58	16.59	14.55
		820 (26750)	18.88	17.62	16.65	14.68
	50RB (0)	844 (26990)	18.77	17.55	16.54	14.48
		831.5 (26865)	18.78	17.57	16.58	14.69
		820 (26750)	18.82	17.63	16.59	14.80
15MHz	1RB-High (74)	841.5 (26965)	19.76	18.90	17.69	14.86
		831.5 (26865)	19.72	18.83	17.68	14.85
		822.5 (26775)	19.83	18.90	17.84	14.98
	1RB-Middle (37)	841.5 (26965)	19.71	18.92	17.71	14.88
		831.5 (26865)	19.78	18.80	17.65	14.83
		822.5 (26775)	19.81	18.82	17.77	14.93
	1RB-Low (0)	841.5 (26965)	19.85	18.92	17.76	14.92
		831.5 (26865)	19.89	18.99	17.82	14.97
		822.5 (26775)	19.87	18.89	17.81	14.96
	36RB-High (38)	841.5 (26965)	18.73	17.51	16.53	14.59
		831.5 (26865)	18.72	17.50	16.55	14.61
		822.5 (26775)	18.80	17.54	16.59	14.64

	36RB-Middle (19)	841.5 (26965)	18.74	17.56	16.54	14.60
		831.5 (26865)	18.74	17.56	16.56	14.62
		822.5 (26775)	18.80	17.58	16.63	14.68
	36RB-Low (0)	841.5 (26965)	18.72	17.54	16.53	14.59
		831.5 (26865)	18.83	17.58	16.63	14.68
		822.5 (26775)	18.81	17.62	16.61	14.66
	75RB (0)	841.5 (26965)	18.75	17.55	16.55	14.61
		831.5 (26865)	18.76	17.58	16.55	14.61
		822.5 (26775)	18.82	17.64	16.63	14.68

LTE B38 ANT1 Power Level A1/B1/D1

LTE B38						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2617.5 (38225)	23.48	22.54	21.12	18.39
		2595 (38000)	23.42	22.48	21.07	18.40
		2572.5 (37775)	23.48	22.53	21.12	18.53
	1RB-Middle (12)	2617.5 (38225)	23.49	22.53	21.11	18.49
		2595 (38000)	23.47	22.48	21.07	18.36
		2572.5 (37775)	23.55	22.58	21.15	18.52
	1RB-Low (0)	2617.5 (38225)	23.49	22.53	21.14	18.60
		2595 (38000)	23.45	22.47	21.10	18.43
		2572.5 (37775)	23.54	22.59	21.18	18.38
	12RB-High (13)	2617.5 (38225)	22.48	21.44	20.49	18.55
		2595 (38000)	22.40	21.35	20.42	18.59
		2572.5 (37775)	22.53	21.46	20.53	18.53
	12RB-Middle (6)	2617.5 (38225)	22.47	21.40	20.47	18.55
		2595 (38000)	22.39	21.35	20.40	18.46
		2572.5 (37775)	22.53	21.49	20.54	18.41
	12RB-Low (0)	2617.5 (38225)	22.47	21.41	20.49	18.38
		2595 (38000)	22.41	21.35	20.41	18.48
		2572.5 (37775)	22.56	21.49	20.55	18.38
	25RB (0)	2617.5 (38225)	22.49	21.48	20.51	18.58
		2595 (38000)	22.42	21.40	20.44	18.35
		2572.5 (37775)	22.56	21.51	20.56	18.45
10MHz	1RB-High (49)	2615 (38200)	23.48	22.55	21.13	18.52
		2595 (38000)	23.42	22.45	21.03	18.64
		2575 (37800)	23.47	22.54	21.11	18.55
	1RB-Middle (24)	2615 (38200)	23.46	22.49	21.09	18.40
		2595 (38000)	23.41	22.45	21.04	18.35
		2575 (37800)	23.48	22.53	21.13	18.38
	1RB-Low (0)	2615 (38200)	23.51	22.57	21.15	18.59

		2595 (38000)	23.49	22.54	21.12	18.39
		2575 (37800)	23.62	22.67	21.24	18.54
	25RB-High (25)	2615 (38200)	22.47	21.43	20.51	18.53
		2595 (38000)	22.43	21.39	20.44	18.58
		2575 (37800)	22.47	21.45	20.49	18.51
	25RB-Middle (12)	2615 (38200)	22.45	21.44	20.48	18.60
		2595 (38000)	22.41	21.38	20.44	18.36
		2575 (37800)	22.50	21.47	20.53	18.48
	25RB-Low (0)	2615 (38200)	22.47	21.48	20.53	18.59
		2595 (38000)	22.43	21.41	20.44	18.36
		2575 (37800)	22.55	21.54	20.59	18.65
	50RB (0)	2615 (38200)	22.46	21.49	20.48	18.57
		2595 (38000)	22.41	21.44	20.40	18.40
		2575 (37800)	22.49	21.54	20.49	18.37
15MHz	1RB-High (74)	2612.5 (38175)	23.43	22.52	21.09	18.63
		2595 (38000)	23.37	22.42	21.03	18.38
		2577.5 (37825)	23.47	22.49	21.06	18.61
	1RB-Middle (37)	2612.5 (38175)	23.48	22.55	21.12	18.38
		2595 (38000)	23.49	22.53	21.08	18.39
		2577.5 (37825)	23.51	22.54	21.11	18.59
	1RB-Low (0)	2612.5 (38175)	23.47	22.54	21.08	18.52
		2595 (38000)	23.53	22.57	21.14	18.63
		2577.5 (37825)	23.62	22.64	21.22	18.54
	36RB-High (38)	2612.5 (38175)	22.43	21.41	20.43	18.39
		2595 (38000)	22.34	21.34	20.34	18.62
		2577.5 (37825)	22.42	21.40	20.42	18.37
	36RB-Middle (19)	2612.5 (38175)	22.45	21.44	20.44	18.64
		2595 (38000)	22.39	21.38	20.38	18.55
		2577.5 (37825)	22.46	21.44	20.44	18.41
	36RB-Low (0)	2612.5 (38175)	22.43	21.42	20.42	18.52
		2595 (38000)	22.41	21.38	20.40	18.58
		2577.5 (37825)	22.52	21.49	20.50	18.45
	75RB (0)	2612.5 (38175)	22.43	21.48	20.45	18.35
		2595 (38000)	22.42	21.44	20.44	18.57
		2577.5 (37825)	22.50	21.52	20.52	18.61
20MHz	1RB-High (99)	2610 (38150)	23.47	22.53	21.10	18.52
		2595 (38000)	23.41	22.43	21.00	18.56
		2580 (37850)	23.42	22.50	21.06	18.55
	1RB-Middle (50)	2610 (38150)	23.47	22.53	21.11	18.40
		2595 (38000)	23.50	22.52	21.07	18.59
		2580 (37850)	23.51	22.54	21.12	18.37
	1RB-Low (0)	2610 (38150)	23.46	22.52	21.10	18.44

		2595 (38000)	23.54	22.61	21.17	18.44
		2580 (37850)	23.64	22.70	21.25	18.35
	50RB-High (50)	2610 (38150)	22.48	21.49	20.47	18.36
		2595 (38000)	22.41	21.42	20.40	18.47
		2580 (37850)	22.47	21.50	20.45	18.44
	50RB-Middle (25)	2610 (38150)	22.48	21.51	20.49	18.40
		2595 (38000)	22.46	21.47	20.44	18.42
		2580 (37850)	22.52	21.52	20.51	18.61
	50RB-Low (0)	2610 (38150)	22.47	21.47	20.45	18.56
		2595 (38000)	22.47	21.50	20.47	18.38
		2580 (37850)	22.57	21.59	20.54	18.46
	100RB (0)	2610 (38150)	22.48	21.50	20.47	18.36
		2595 (38000)	22.44	21.46	20.43	18.53
		2580 (37850)	22.51	21.53	20.50	18.44

LTE B38 ANT1 Power Level C1

LTE B38						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2617.5 (38225)	17.86	16.94	15.51	12.60
		2595 (38000)	17.65	16.73	15.34	12.49
		2572.5 (37775)	17.67	16.78	15.33	12.54
	1RB-Middle (12)	2617.5 (38225)	17.97	16.92	15.43	12.35
		2595 (38000)	17.72	16.86	15.34	12.51
		2572.5 (37775)	17.63	16.75	15.30	12.37
	1RB-Low (0)	2617.5 (38225)	17.83	16.90	15.46	12.64
		2595 (38000)	17.73	16.81	15.36	12.35
		2572.5 (37775)	17.72	16.77	15.36	12.59
	12RB-High (13)	2617.5 (38225)	16.87	15.80	14.85	12.54
		2595 (38000)	16.66	15.62	14.67	12.61
		2572.5 (37775)	16.72	15.65	14.70	12.52
	12RB-Middle (6)	2617.5 (38225)	16.84	15.71	14.79	12.54
		2595 (38000)	16.68	15.65	14.67	12.43
		2572.5 (37775)	16.68	15.61	14.66	12.54
	12RB-Low (0)	2617.5 (38225)	16.84	15.77	14.80	12.56
		2595 (38000)	16.72	15.67	14.70	12.58
		2572.5 (37775)	16.68	15.64	14.71	12.63
	25RB (0)	2617.5 (38225)	16.87	15.81	14.87	12.44
		2595 (38000)	16.70	15.66	14.68	12.43
		2572.5 (37775)	16.70	15.68	14.68	12.44
10MHz	1RB-High (49)	2615 (38200)	17.86	16.94	15.54	12.61
		2595 (38000)	17.69	16.77	15.33	12.48

		2575 (37800)	17.70	16.83	15.39	12.56
	1RB-Middle (24)	2615 (38200)	17.76	16.85	15.37	12.50
		2595 (38000)	17.70	16.74	15.37	12.63
		2575 (37800)	17.66	16.75	15.32	12.52
	1RB-Low (0)	2615 (38200)	17.80	16.89	15.48	12.42
		2595 (38000)	17.78	16.85	15.41	12.59
		2575 (37800)	17.74	16.82	15.39	12.59
	25RB-High (25)	2615 (38200)	16.81	15.77	14.80	12.39
		2595 (38000)	16.67	15.67	14.69	12.44
		2575 (37800)	16.76	15.68	14.77	12.37
	25RB-Middle (12)	2615 (38200)	16.74	15.75	14.76	12.52
		2595 (38000)	16.65	15.66	14.68	12.48
		2575 (37800)	16.71	15.68	14.72	12.54
	25RB-Low (0)	2615 (38200)	16.78	15.77	14.79	12.41
		2595 (38000)	16.68	15.67	14.70	12.58
		2575 (37800)	16.71	15.68	14.71	12.52
	50RB (0)	2615 (38200)	16.77	15.79	14.75	12.65
		2595 (38000)	16.65	15.70	14.65	12.55
		2575 (37800)	16.72	15.73	14.69	12.63
15MHz	1RB-High (74)	2612.5 (38175)	17.83	16.89	15.47	12.37
		2595 (38000)	17.67	16.77	15.31	12.38
		2577.5 (37825)	17.66	16.75	15.30	12.53
	1RB-Middle (37)	2612.5 (38175)	17.78	16.88	15.45	12.48
		2595 (38000)	17.74	16.83	15.39	12.62
		2577.5 (37825)	17.75	16.83	15.43	12.41
	1RB-Low (0)	2612.5 (38175)	17.78	16.85	15.45	12.50
		2595 (38000)	17.75	16.81	15.36	12.41
		2577.5 (37825)	17.72	16.78	15.40	12.57
	36RB-High (38)	2612.5 (38175)	16.71	15.71	14.73	12.38
		2595 (38000)	16.66	15.65	14.64	12.61
		2577.5 (37825)	16.66	15.61	14.63	12.60
	36RB-Middle (19)	2612.5 (38175)	16.73	15.71	14.73	12.64
		2595 (38000)	16.63	15.57	14.62	12.62
		2577.5 (37825)	16.69	15.65	14.66	12.61
	36RB-Low (0)	2612.5 (38175)	16.77	15.73	14.75	12.54
		2595 (38000)	16.65	15.61	14.66	12.50
		2577.5 (37825)	16.74	15.69	14.70	12.57
	75RB (0)	2612.5 (38175)	16.76	15.80	14.78	12.58
		2595 (38000)	16.66	15.71	14.70	12.47
		2577.5 (37825)	16.71	15.72	14.73	12.36
20MHz	1RB-High (99)	2610 (38150)	17.77	16.88	15.44	12.37
		2595 (38000)	17.70	16.77	15.33	12.35

		2580 (37850)	17.67	16.75	15.32	12.60
	1RB-Middle (50)	2610 (38150)	17.74	16.87	15.39	12.53
		2595 (38000)	17.73	16.79	15.35	12.42
		2580 (37850)	17.66	16.75	15.36	12.49
	1RB-Low (0)	2610 (38150)	17.75	16.84	15.40	12.46
		2595 (38000)	17.77	16.84	15.38	12.50
		2580 (37850)	17.78	16.81	15.40	12.51
	50RB-High (50)	2610 (38150)	16.75	15.78	14.76	12.48
		2595 (38000)	16.68	15.69	14.67	12.42
		2580 (37850)	16.69	15.70	14.70	12.62
	50RB-Middle (25)	2610 (38150)	16.75	15.79	14.76	12.44
		2595 (38000)	16.67	15.69	14.68	12.47
		2580 (37850)	16.73	15.75	14.71	12.37
	50RB-Low (0)	2610 (38150)	16.74	15.77	14.71	12.43
		2595 (38000)	16.73	15.79	14.74	12.45
		2580 (37850)	16.77	15.77	14.77	12.59
	100RB (0)	2610 (38150)	16.76	15.77	14.76	12.41
		2595 (38000)	16.74	15.71	14.72	12.45
		2580 (37850)	16.72	15.70	14.72	12.58

LTE B38 ANT1 Power Level E1

LTE B38						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2617.5 (38225)	14.87	13.93	12.54	9.66
		2595 (38000)	14.8	13.87	12.5	9.67
		2572.5 (37775)	14.58	13.72	12.36	9.72
	1RB-Middle (12)	2617.5 (38225)	14.97	13.92	12.49	9.82
		2595 (38000)	14.85	13.93	12.55	9.74
		2572.5 (37775)	14.66	13.74	12.32	9.71
	1RB-Low (0)	2617.5 (38225)	14.82	13.91	12.5	9.9
		2595 (38000)	14.81	13.89	12.51	9.62
		2572.5 (37775)	14.65	13.72	12.33	9.84
	12RB-High (13)	2617.5 (38225)	13.84	12.83	11.88	10.01
		2595 (38000)	13.77	12.8	11.88	9.96
		2572.5 (37775)	13.66	12.69	11.73	9.77
	12RB-Middle (6)	2617.5 (38225)	13.83	12.81	11.91	9.88
		2595 (38000)	13.76	12.79	11.84	9.99
		2572.5 (37775)	13.63	12.68	11.73	9.88
	12RB-Low (0)	2617.5 (38225)	13.85	12.83	11.92	9.94
		2595 (38000)	13.78	12.82	11.88	10.06
		2572.5 (37775)	13.63	12.7	11.73	9.82

	25RB (0)	2617.5 (38225)	13.87	12.87	11.89	9.96
		2595 (38000)	13.8	12.84	11.9	9.83
		2572.5 (37775)	13.69	12.78	11.77	9.79
10MHz	1RB-High (49)	2615 (38200)	14.84	13.96	12.52	9.79
		2595 (38000)	14.83	13.92	12.52	9.73
		2575 (37800)	14.72	13.8	12.39	9.79
	1RB-Middle (24)	2615 (38200)	14.82	13.9	12.43	9.94
		2595 (38000)	14.81	13.89	12.47	9.88
		2575 (37800)	14.61	13.7	12.37	9.61
	1RB-Low (0)	2615 (38200)	14.93	14.01	12.64	9.73
		2595 (38000)	14.86	13.92	12.53	9.8
		2575 (37800)	14.73	13.82	12.47	9.79
	25RB-High (25)	2615 (38200)	13.82	12.83	11.86	10.02
		2595 (38000)	13.81	12.83	11.88	10.04
		2575 (37800)	13.63	12.73	11.74	9.91
	25RB-Middle (12)	2615 (38200)	13.82	12.81	11.86	10.02
		2595 (38000)	13.78	12.86	11.89	10
		2575 (37800)	13.61	12.71	11.73	9.86
	25RB-Low (0)	2615 (38200)	13.83	12.86	11.92	10
		2595 (38000)	13.8	12.85	11.92	10.08
		2575 (37800)	13.7	12.74	11.76	9.91
	50RB (0)	2615 (38200)	13.81	12.84	11.85	9.87
		2595 (38000)	13.79	12.87	11.82	9.91
		2575 (37800)	13.67	12.79	11.71	9.81
15MHz	1RB-High (74)	2612.5 (38175)	14.83	13.92	12.52	9.78
		2595 (38000)	14.82	13.94	12.47	9.63
		2577.5 (37825)	14.71	13.78	12.43	9.72
	1RB-Middle (37)	2612.5 (38175)	14.84	13.93	12.51	9.69
		2595 (38000)	14.87	13.95	12.56	9.79
		2577.5 (37825)	14.63	13.78	12.41	9.64
	1RB-Low (0)	2612.5 (38175)	14.91	14	12.61	9.67
		2595 (38000)	14.83	13.89	12.53	9.79
		2577.5 (37825)	14.74	13.81	12.39	9.7
	36RB-High (38)	2612.5 (38175)	13.8	12.81	11.79	10.03
		2595 (38000)	13.79	12.81	11.85	10.07
		2577.5 (37825)	13.67	12.73	11.71	9.87
	36RB-Middle (19)	2612.5 (38175)	13.82	12.8	11.81	9.98
		2595 (38000)	13.76	12.81	11.8	9.86
		2577.5 (37825)	13.63	12.71	11.73	9.76
	36RB-Low (0)	2612.5 (38175)	13.85	12.85	11.9	10.1
		2595 (38000)	13.77	12.8	11.83	9.86
		2577.5 (37825)	13.7	12.72	11.7	9.93

	75RB (0)	2612.5 (38175)	13.87	12.92	11.89	9.92
		2595 (38000)	13.79	12.89	11.9	10.09
		2577.5 (37825)	13.66	12.8	11.79	10.02
20MHz	1RB-High (99)	2610 (38150)	14.83	13.92	12.44	9.69
		2595 (38000)	14.83	13.93	12.51	9.74
		2580 (37850)	14.75	13.8	12.48	9.72
	1RB-Middle (50)	2610 (38150)	14.86	13.93	12.6	9.81
		2595 (38000)	14.87	13.94	12.54	9.77
		2580 (37850)	14.91	13.82	12.39	9.65
	1RB-Low (0)	2610 (38150)	14.81	13.99	12.56	9.78
		2595 (38000)	14.81	13.91	12.5	9.73
		2580 (37850)	14.76	13.83	12.47	9.71
	50RB-High (50)	2610 (38150)	13.85	12.85	11.83	9.92
		2595 (38000)	13.84	12.91	11.87	9.96
		2580 (37850)	13.75	12.81	11.79	9.89
	50RB-Middle (25)	2610 (38150)	13.86	12.94	11.88	9.96
		2595 (38000)	13.83	12.9	11.87	9.96
		2580 (37850)	13.93	12.81	11.79	9.89
	50RB-Low (0)	2610 (38150)	13.83	12.96	11.93	10.01
		2595 (38000)	13.83	12.9	11.88	9.96
		2580 (37850)	13.77	12.83	11.79	9.89
	100RB (0)	2610 (38150)	13.88	12.9	11.9	9.98
		2595 (38000)	13.84	12.9	11.87	9.96
		2580 (37850)	13.74	12.82	11.79	9.89

LTE B38 ANT2 Power Level A1

LTE B38 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2617.5 (38225)	23.25	22.25	21.28	17.92
		2595 (38000)	23.13	22.24	21.07	17.94
		2572.5 (37775)	23.18	22.08	21.31	18.20
	1RB-Middle (12)	2617.5 (38225)	23.08	22.02	21.46	17.94
		2595 (38000)	23.12	22.17	21.27	18.23
		2572.5 (37775)	23.23	22.02	21.06	18.12
	1RB-Low (0)	2617.5 (38225)	23.18	22.26	21.18	17.96
		2595 (38000)	23.20	22.21	21.02	18.14
		2572.5 (37775)	23.33	22.32	21.19	18.05
	12RB-High (13)	2617.5 (38225)	22.23	21.07	20.30	18.18
		2595 (38000)	22.08	21.18	20.22	18.09
		2572.5 (37775)	22.13	21.19	20.13	18.00
	12RB-Middle (6)	2617.5 (38225)	22.15	21.23	20.13	17.98

		2595 (38000)	22.28	21.08	20.42	18.04
		2572.5 (37775)	22.07	21.18	20.29	18.00
	12RB-Low (0)	2617.5 (38225)	22.02	21.29	20.24	17.96
		2595 (38000)	22.12	21.26	20.27	18.19
		2572.5 (37775)	22.24	21.27	20.25	18.13
	25RB (0)	2617.5 (38225)	22.28	21.01	20.19	18.03
		2595 (38000)	22.22	21.05	20.23	18.15
		2572.5 (37775)	22.25	21.26	20.23	18.05
10MHz	1RB-High (49)	2615 (38200)	23.20	22.20	21.34	17.89
		2595 (38000)	23.03	22.28	21.16	17.97
		2575 (37800)	23.30	22.14	21.39	17.97
	1RB-Middle (24)	2615 (38200)	23.23	22.05	21.29	18.09
		2595 (38000)	23.07	22.24	21.46	18.24
		2575 (37800)	23.13	22.05	21.17	18.18
	1RB-Low (0)	2615 (38200)	23.15	22.18	21.19	17.98
		2595 (38000)	23.15	22.08	21.10	18.18
		2575 (37800)	23.26	22.28	21.11	18.13
	25RB-High (25)	2615 (38200)	22.28	21.12	20.24	18.14
		2595 (38000)	22.02	21.12	20.33	18.08
		2575 (37800)	22.06	21.24	20.24	18.06
	25RB-Middle (12)	2615 (38200)	22.19	21.04	20.11	18.14
		2595 (38000)	22.20	21.11	20.28	18.27
		2575 (37800)	22.09	21.24	20.26	17.91
	25RB-Low (0)	2615 (38200)	22.20	21.35	20.11	18.19
		2595 (38000)	22.26	21.13	20.25	18.01
		2575 (37800)	22.17	21.28	20.16	18.06
	50RB (0)	2615 (38200)	22.23	21.06	20.17	17.97
		2595 (38000)	22.24	21.19	20.04	18.17
		2575 (37800)	22.08	21.10	20.23	18.16
15MHz	1RB-High (74)	2612.5 (38175)	23.29	22.17	21.31	17.93
		2595 (38000)	23.15	22.32	21.21	18.03
		2577.5 (37825)	23.19	22.07	21.27	18.06
	1RB-Middle (37)	2612.5 (38175)	23.26	22.03	21.31	18.05
		2595 (38000)	23.12	22.16	21.22	18.14
		2577.5 (37825)	23.13	22.14	21.09	18.21
	1RB-Low (0)	2612.5 (38175)	23.27	22.28	21.25	18.05
		2595 (38000)	23.08	22.26	21.17	18.08
		2577.5 (37825)	23.30	22.45	21.17	18.16
	36RB-High (38)	2612.5 (38175)	22.32	21.22	20.12	18.04
		2595 (38000)	22.16	21.26	20.35	17.98
		2577.5 (37825)	22.24	21.19	20.14	17.99
	36RB-Middle (19)	2612.5 (38175)	22.12	21.16	20.08	18.02

		2595 (38000)	22.30	21.14	20.39	18.01
		2577.5 (37825)	22.23	21.25	20.18	17.95
	36RB-Low (0)	2612.5 (38175)	22.18	21.16	20.15	18.05
		2595 (38000)	22.31	21.18	20.20	18.19
		2577.5 (37825)	22.20	21.11	20.07	18.21
	75RB (0)	2612.5 (38175)	22.10	21.07	20.13	17.99
		2595 (38000)	22.25	21.11	20.03	18.11
		2577.5 (37825)	22.29	21.14	20.23	18.18
20MHz	1RB-High (99)	2610 (38150)	23.22	22.15	21.33	18.00
		2595 (38000)	23.16	22.20	21.19	18.07
		2580 (37850)	23.23	22.14	21.30	18.10
	1RB-Middle (50)	2610 (38150)	23.19	22.10	21.35	18.04
		2595 (38000)	23.05	22.21	21.33	18.15
		2580 (37850)	23.19	22.13	21.10	18.12
	1RB-Low (0)	2610 (38150)	23.20	22.24	21.24	18.06
		2595 (38000)	23.18	22.15	21.13	18.11
		2580 (37850)	23.21	22.33	21.18	18.10
	50RB-High (50)	2610 (38150)	22.22	21.12	20.25	18.14
		2595 (38000)	22.14	21.17	20.22	18.06
		2580 (37850)	22.13	21.12	20.22	18.10
	50RB-Middle (25)	2610 (38150)	22.18	21.17	20.20	18.09
		2595 (38000)	22.18	21.21	20.32	18.14
		2580 (37850)	22.16	21.14	20.30	18.01
	50RB-Low (0)	2610 (38150)	22.15	21.28	20.14	18.08
		2595 (38000)	22.20	21.14	20.20	18.09
		2580 (37850)	22.27	21.22	20.12	18.18
	100RB (0)	2610 (38150)	22.21	21.10	20.12	18.03
		2595 (38000)	22.12	21.12	20.10	18.08
		2580 (37850)	22.18	21.17	20.13	18.10

LTE B38 ANT2 Power Level D1

LTE B38 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2617.5 (38225)	20.70	20.54	20.65	17.62
		2595 (38000)	20.74	20.66	20.65	17.85
		2572.5 (37775)	20.57	20.57	20.57	17.54
	1RB-Middle (12)	2617.5 (38225)	20.55	20.57	20.52	17.64
		2595 (38000)	20.66	20.56	20.49	17.68
		2572.5 (37775)	20.67	20.75	20.86	17.80
	1RB-Low (0)	2617.5 (38225)	20.50	20.66	20.43	17.57
		2595 (38000)	20.65	20.73	20.57	17.58

		2572.5 (37775)	20.45	20.76	20.57	17.55
	12RB-High (13)	2617.5 (38225)	20.45	20.58	20.66	17.89
		2595 (38000)	20.36	20.50	20.40	17.78
		2572.5 (37775)	20.35	20.38	20.34	17.76
	12RB-Middle (6)	2617.5 (38225)	20.36	20.54	20.47	17.81
		2595 (38000)	20.59	20.43	20.40	17.68
		2572.5 (37775)	20.48	20.69	20.47	17.75
	12RB-Low (0)	2617.5 (38225)	20.45	20.42	20.37	17.58
		2595 (38000)	20.35	20.39	20.38	17.78
		2572.5 (37775)	20.61	20.70	20.56	17.94
	25RB (0)	2617.5 (38225)	20.63	20.37	20.75	17.64
		2595 (38000)	20.61	20.49	20.43	17.70
		2572.5 (37775)	20.45	20.79	20.57	17.85
10MHz	1RB-High (49)	2615 (38200)	20.52	20.48	20.59	17.80
		2595 (38000)	20.67	20.57	20.44	17.81
		2575 (37800)	20.68	20.69	20.77	17.79
	1RB-Middle (24)	2615 (38200)	20.60	20.67	20.32	17.64
		2595 (38000)	20.61	20.59	20.54	17.63
		2575 (37800)	20.73	20.79	20.71	17.73
	1RB-Low (0)	2615 (38200)	20.42	20.47	20.38	17.69
		2595 (38000)	20.65	20.58	20.68	17.56
		2575 (37800)	20.63	20.53	20.49	17.58
	25RB-High (25)	2615 (38200)	20.59	20.61	20.60	17.65
		2595 (38000)	20.52	20.47	20.65	17.61
		2575 (37800)	20.55	20.52	20.34	17.73
	25RB-Middle (12)	2615 (38200)	20.60	20.58	20.54	17.65
		2595 (38000)	20.34	20.47	20.65	17.71
		2575 (37800)	20.51	20.50	20.43	17.84
	25RB-Low (0)	2615 (38200)	20.45	20.48	20.58	17.71
		2595 (38000)	20.42	20.47	20.51	17.77
		2575 (37800)	20.65	20.72	20.51	17.77
	50RB (0)	2615 (38200)	20.50	20.36	20.54	17.75
		2595 (38000)	20.64	20.46	20.50	17.65
		2575 (37800)	20.65	20.65	20.62	17.82
15MHz	1RB-High (74)	2612.5 (38175)	20.57	20.60	20.70	17.67
		2595 (38000)	20.73	20.73	20.61	17.67
		2577.5 (37825)	20.43	20.55	20.64	17.77
	1RB-Middle (37)	2612.5 (38175)	20.41	20.60	20.32	17.64
		2595 (38000)	20.45	20.63	20.63	17.66
		2577.5 (37825)	20.75	20.65	20.73	17.68
	1RB-Low (0)	2612.5 (38175)	20.50	20.68	20.45	17.61
		2595 (38000)	20.43	20.58	20.54	17.64

		2577.5 (37825)	20.56	20.65	20.72	17.72
	36RB-High (38)	2612.5 (38175)	20.66	20.66	20.51	17.82
		2595 (38000)	20.41	20.45	20.52	17.79
		2577.5 (37825)	20.38	20.44	20.57	17.74
	36RB-Middle (19)	2612.5 (38175)	20.47	20.53	20.56	17.71
		2595 (38000)	20.59	20.51	20.52	17.69
		2577.5 (37825)	20.66	20.60	20.61	17.77
	36RB-Low (0)	2612.5 (38175)	20.55	20.33	20.61	17.57
		2595 (38000)	20.45	20.51	20.28	17.61
		2577.5 (37825)	20.69	20.76	20.60	17.76
	75RB (0)	2612.5 (38175)	20.58	20.58	20.62	17.83
		2595 (38000)	20.49	20.39	20.36	17.71
		2577.5 (37825)	20.63	20.79	20.64	17.80
20MHz	1RB-High (99)	2610 (38150)	20.60	20.56	20.62	17.70
		2595 (38000)	20.63	20.67	20.52	17.73
		2580 (37850)	20.55	20.60	20.67	17.66
	1RB-Middle (50)	2610 (38150)	20.50	20.59	20.42	17.61
		2595 (38000)	20.53	20.65	20.57	17.64
		2580 (37850)	20.65	20.77	20.73	17.74
	1RB-Low (0)	2610 (38150)	20.53	20.59	20.42	17.64
		2595 (38000)	20.56	20.65	20.56	17.66
		2580 (37850)	20.53	20.66	20.60	17.64
	50RB-High (50)	2610 (38150)	20.58	20.56	20.55	17.77
		2595 (38000)	20.49	20.39	20.52	17.69
		2580 (37850)	20.44	20.43	20.46	17.65
	50RB-Middle (25)	2610 (38150)	20.49	20.57	20.49	17.69
		2595 (38000)	20.46	20.45	20.52	17.67
		2580 (37850)	20.54	20.57	20.52	17.74
	50RB-Low (0)	2610 (38150)	20.49	20.38	20.49	17.69
		2595 (38000)	20.46	20.48	20.41	17.67
		2580 (37850)	20.63	20.65	20.60	17.82
	100RB (0)	2610 (38150)	20.51	20.46	20.62	17.71
		2595 (38000)	20.54	20.51	20.45	17.74
		2580 (37850)	20.57	20.67	20.66	17.76

LTE B38 ANT2 Power Level E1

LTE B38 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2617.5 (38225)	14.47	14.40	14.55	14.27
		2595 (38000)	14.45	14.45	14.27	14.13
		2572.5 (37775)	14.36	14.39	14.40	14.23
	1RB-Middle (12)	2617.5 (38225)	14.23	14.31	14.32	14.07
		2595 (38000)	14.44	14.46	14.42	14.22
		2572.5 (37775)	14.43	14.38	14.19	14.12
	1RB-Low (0)	2617.5 (38225)	14.35	14.48	14.50	14.31
		2595 (38000)	14.40	14.41	14.39	14.19
		2572.5 (37775)	14.33	14.43	14.27	14.14
	12RB-High (13)	2617.5 (38225)	14.28	14.51	14.46	14.16
		2595 (38000)	14.45	14.38	14.58	14.15
		2572.5 (37775)	14.37	14.18	14.25	14.19
	12RB-Middle (6)	2617.5 (38225)	14.49	14.26	14.15	14.35
		2595 (38000)	14.36	14.32	14.35	14.22
		2572.5 (37775)	14.50	14.37	14.56	14.13
	12RB-Low (0)	2617.5 (38225)	14.48	14.52	14.16	14.28
		2595 (38000)	14.34	14.41	14.40	14.10
		2572.5 (37775)	14.36	14.56	14.49	14.20
	25RB (0)	2617.5 (38225)	14.25	14.43	14.38	14.25
		2595 (38000)	14.43	14.30	14.34	14.36
		2572.5 (37775)	14.37	14.40	14.59	14.31
10MHz	1RB-High (49)	2615 (38200)	14.37	14.35	14.53	14.26
		2595 (38000)	14.40	14.41	14.24	14.10
		2575 (37800)	14.44	14.44	14.61	14.18
	1RB-Middle (24)	2615 (38200)	14.33	14.27	14.44	14.28
		2595 (38000)	14.41	14.29	14.36	14.16
		2575 (37800)	14.26	14.36	14.17	14.22
	1RB-Low (0)	2615 (38200)	14.37	14.52	14.54	14.23
		2595 (38000)	14.42	14.36	14.53	14.26
		2575 (37800)	14.38	14.48	14.52	14.14
	25RB-High (25)	2615 (38200)	14.26	14.43	14.29	14.24
		2595 (38000)	14.48	14.37	14.43	14.17
		2575 (37800)	14.25	14.20	14.11	14.33
	25RB-Middle (12)	2615 (38200)	14.36	14.34	14.29	14.28
		2595 (38000)	14.33	14.22	14.37	14.34
		2575 (37800)	14.37	14.36	14.40	14.30
	25RB-Low (0)	2615 (38200)	14.27	14.53	14.27	14.21
		2595 (38000)	14.23	14.47	14.45	14.09

		2575 (37800)	14.54	14.39	14.52	14.16
	50RB (0)	2615 (38200)	14.42	14.26	14.39	14.33
		2595 (38000)	14.31	14.46	14.35	14.22
		2575 (37800)	14.40	14.47	14.59	14.19
15MHz	1RB-High (74)	2612.5 (38175)	14.47	14.31	14.44	14.29
		2595 (38000)	14.30	14.32	14.38	14.21
		2577.5 (37825)	14.37	14.26	14.52	14.29
	1RB-Middle (37)	2612.5 (38175)	14.29	14.29	14.56	14.28
		2595 (38000)	14.36	14.39	14.52	14.22
		2577.5 (37825)	14.25	14.41	14.42	14.11
	1RB-Low (0)	2612.5 (38175)	14.52	14.41	14.34	14.26
		2595 (38000)	14.24	14.43	14.62	14.17
		2577.5 (37825)	14.38	14.52	14.35	14.23
	36RB-High (38)	2612.5 (38175)	14.47	14.39	14.50	14.13
		2595 (38000)	14.35	14.22	14.50	14.15
		2577.5 (37825)	14.24	14.28	14.30	14.28
	36RB-Middle (19)	2612.5 (38175)	14.47	14.46	14.25	14.27
		2595 (38000)	14.42	14.13	14.32	14.14
		2577.5 (37825)	14.41	14.34	14.46	14.20
	36RB-Low (0)	2612.5 (38175)	14.38	14.27	14.15	14.26
		2595 (38000)	14.41	14.31	14.30	14.34
		2577.5 (37825)	14.49	14.41	14.59	14.31
	75RB (0)	2612.5 (38175)	14.42	14.26	14.21	14.32
		2595 (38000)	14.32	14.43	14.41	14.33
		2577.5 (37825)	14.36	14.38	14.39	14.33
20MHz	1RB-High (99)	2610 (38150)	14.41	14.29	14.42	14.23
		2595 (38000)	14.37	14.33	14.25	14.19
		2580 (37850)	14.43	14.31	14.52	14.25
	1RB-Middle (50)	2610 (38150)	14.36	14.36	14.43	14.18
		2595 (38000)	14.38	14.38	14.40	14.20
		2580 (37850)	14.33	14.45	14.30	14.15
	1RB-Low (0)	2610 (38150)	14.42	14.45	14.42	14.24
		2595 (38000)	14.37	14.43	14.50	14.19
		2580 (37850)	14.44	14.40	14.40	14.26
	50RB-High (50)	2610 (38150)	14.38	14.50	14.40	14.25
		2595 (38000)	14.39	14.26	14.48	14.26
		2580 (37850)	14.33	14.27	14.20	14.20
	50RB-Middle (25)	2610 (38150)	14.40	14.38	14.27	14.27
		2595 (38000)	14.36	14.25	14.26	14.23
		2580 (37850)	14.37	14.37	14.50	14.24
	50RB-Low (0)	2610 (38150)	14.37	14.40	14.26	14.24
		2595 (38000)	14.35	14.36	14.37	14.22

		2580 (37850)	14.42	14.49	14.52	14.29
	100RB (0)	2610 (38150)	14.35	14.38	14.32	14.22
		2595 (38000)	14.37	14.33	14.38	14.24
		2580 (37850)	14.39	14.41	14.50	14.26

LTE B41 ANT1 Power Level A1/B1/D1

LTE B41						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2687.5 (41565)	23.18	22.27	21.07	18.57
		2640.3(41093)	23.56	22.61	21.40	18.57
		2593 (40620)	23.41	22.46	21.24	18.54
		2545.8(40148)	23.53	22.60	21.36	18.65
		2498.5 (39675)	23.10	22.18	21.05	18.40
	1RB-Middle (12)	2687.5 (41565)	23.21	22.29	21.06	18.58
		2640.3(41093)	23.56	22.60	21.40	18.57
		2593 (40620)	23.43	22.48	21.25	18.56
		2545.8(40148)	23.55	22.63	21.39	18.53
		2498.5 (39675)	23.14	22.20	21.15	18.59
	1RB-Low (0)	2687.5 (41565)	23.22	22.29	21.11	18.40
		2640.3(41093)	23.58	22.63	21.42	18.48
		2593 (40620)	23.41	22.46	21.24	18.38
		2545.8(40148)	23.54	22.58	21.37	18.56
		2498.5 (39675)	23.10	22.17	21.11	18.44
	12RB-High (13)	2687.5 (41565)	22.20	21.19	20.43	18.36
		2640.3(41093)	22.56	21.50	20.77	18.58
		2593 (40620)	22.37	21.33	20.60	18.46
		2545.8(40148)	22.55	21.52	20.78	18.51
		2498.5 (39675)	22.13	21.10	20.34	18.55
	12RB-Middle (6)	2687.5 (41565)	22.20	21.17	20.43	18.37
		2640.3(41093)	22.54	21.50	20.76	18.40
		2593 (40620)	22.37	21.33	20.59	18.57
		2545.8(40148)	22.54	21.50	20.74	18.42
		2498.5 (39675)	22.13	21.08	20.33	18.48
	12RB-Low (0)	2687.5 (41565)	22.23	21.19	20.45	18.48
		2640.3(41093)	22.55	21.51	20.77	18.56
		2593 (40620)	22.39	21.34	20.58	18.61
		2545.8(40148)	22.56	21.50	20.76	18.37
		2498.5 (39675)	22.13	21.07	20.33	18.45
	25RB (0)	2687.5 (41565)	22.24	21.23	20.45	18.43
		2640.3(41093)	22.55	21.54	20.79	18.50
		2593 (40620)	22.39	21.37	20.62	18.56

		2545.8(40148)	22.57	21.54	20.79	18.54
		2498.5 (39675)	22.15	21.14	20.36	18.58
10MHz	1RB-High (49)	2685 (41540)	23.21	22.30	21.09	18.56
		2639(41080)	23.56	22.60	21.37	18.50
		2593 (40620)	23.37	22.41	21.20	18.63
		2547(40160)	23.57	22.62	21.39	18.49
		2501 (39700)	23.18	22.21	21.08	18.46
	1RB-Middle (24)	2685 (41540)	23.21	22.27	21.06	18.41
		2639(41080)	23.55	22.60	21.39	18.53
		2593 (40620)	23.40	22.44	21.21	18.47
		2547(40160)	23.53	22.55	21.34	18.43
		2501 (39700)	23.06	22.13	21.13	18.36
	1RB-Low (0)	2685 (41540)	23.30	22.38	21.14	18.45
		2639(41080)	23.66	22.67	21.46	18.38
		2593 (40620)	23.47	22.52	21.28	18.43
		2547(40160)	23.61	22.65	21.43	18.53
		2501 (39700)	23.17	22.20	21.23	18.39
	25RB-High (25)	2685 (41540)	22.21	21.20	20.44	18.35
		2639(41080)	22.55	21.53	20.79	18.47
		2593 (40620)	22.34	21.33	20.57	18.40
		2547(40160)	22.55	21.52	20.78	18.64
		2501 (39700)	22.13	21.11	20.36	18.35
	25RB-Middle (12)	2685 (41540)	22.21	21.19	20.44	18.47
		2639(41080)	22.52	21.51	20.76	18.47
		2593 (40620)	22.37	21.34	20.59	18.59
		2547(40160)	22.55	21.53	20.78	18.39
		2501 (39700)	22.11	21.10	20.36	18.43
	25RB-Low (0)	2685 (41540)	22.25	21.27	20.49	18.35
		2639(41080)	22.57	21.56	20.80	18.40
		2593 (40620)	22.44	21.40	20.65	18.37
		2547(40160)	22.55	21.52	20.76	18.41
		2501 (39700)	22.10	21.09	20.33	18.56
	50RB (0)	2685 (41540)	22.22	21.24	20.42	18.47
		2639(41080)	22.54	21.57	20.73	18.57
		2593 (40620)	22.39	21.40	20.56	18.60
		2547(40160)	22.54	21.58	20.74	18.49
		2501 (39700)	22.14	21.15	20.32	18.39
15MHz	1RB-High (74)	2682.5 (41515)	23.16	22.28	21.04	18.45
		2637.8(41068)	23.55	22.58	21.36	18.54
		2593 (40620)	23.38	22.42	21.17	18.65
		2548.3(40173)	23.56	22.59	21.35	18.62
		2503.5 (39725)	23.19	22.22	21.11	18.64

	1RB-Middle (37)	2682.5 (41515)	23.24	22.31	21.09	18.37
		2637.8(41068)	23.59	22.66	21.41	18.46
		2593 (40620)	23.44	22.48	21.25	18.45
		2548.3(40173)	23.58	22.61	21.39	18.40
		2503.5 (39725)	23.12	22.16	21.08	18.55
	1RB-Low (0)	2682.5 (41515)	23.30	22.40	21.18	18.64
		2637.8(41068)	23.63	22.63	21.41	18.54
		2593 (40620)	23.47	22.49	21.28	18.57
		2548.3(40173)	23.57	22.60	21.38	18.48
		2503.5 (39725)	23.12	22.15	21.23	18.61
	36RB-High (38)	2682.5 (41515)	22.15	21.16	20.35	18.62
		2637.8(41068)	22.52	21.49	20.71	18.44
		2593 (40620)	22.31	21.30	20.50	18.38
		2548.3(40173)	22.52	21.49	20.70	18.59
		2503.5 (39725)	22.15	21.11	20.31	18.44
	36RB-Middle (19)	2682.5 (41515)	22.21	21.21	20.42	18.35
		2637.8(41068)	22.53	21.53	20.73	18.49
		2593 (40620)	22.35	21.33	20.55	18.38
		2548.3(40173)	22.50	21.50	20.71	18.43
		2503.5 (39725)	22.08	21.07	20.28	18.55
	36RB-Low (0)	2682.5 (41515)	22.24	21.22	20.44	18.59
		2637.8(41068)	22.56	21.55	20.76	18.52
		2593 (40620)	22.40	21.36	20.59	18.35
		2548.3(40173)	22.54	21.49	20.72	18.39
		2503.5 (39725)	22.09	21.06	20.28	18.43
	75RB (0)	2682.5 (41515)	22.23	21.28	20.48	18.64
		2637.8(41068)	22.56	21.58	20.77	18.46
		2593 (40620)	22.37	21.41	20.59	18.54
		2548.3(40173)	22.53	21.56	20.77	18.49
		2503.5 (39725)	22.11	21.14	20.33	18.40
20MHz	1RB-High (99)	2680 (41490)	23.19	22.27	21.04	18.40
		2636.5(41055)	23.56	22.60	21.36	18.46
		2593 (40620)	23.38	22.41	21.18	18.58
		2549.5(40185)	23.57	22.60	21.37	18.36
		2506 (39750)	23.27	22.31	21.06	18.63
	1RB-Middle (50)	2680 (41490)	23.27	22.32	21.08	18.36
		2636.5(41055)	23.59	22.65	21.40	18.59
		2593 (40620)	23.45	22.50	21.26	18.35
		2549.5(40185)	23.58	22.64	21.42	18.56
		2506 (39750)	23.18	22.22	21.16	18.53
	1RB-Low (0)	2680 (41490)	23.43	22.48	21.22	18.43
		2636.5(41055)	23.62	22.67	21.42	18.57

		2593 (40620)	23.48	22.54	21.29	18.38
		2549.5(40185)	23.61	22.62	21.37	18.65
		2506 (39750)	23.15	22.18	21.20	18.35
	50RB-High (50)	2680 (41490)	22.21	21.23	20.41	18.56
		2636.5(41055)	22.57	21.57	20.74	18.50
		2593 (40620)	22.39	21.39	20.56	18.37
		2549.5(40185)	22.56	21.58	20.74	18.56
		2506 (39750)	22.19	21.20	20.38	18.56
	50RB-Middle (25)	2680 (41490)	22.28	21.30	20.49	18.58
		2636.5(41055)	22.59	21.61	20.78	18.36
		2593 (40620)	22.42	21.43	20.61	18.48
		2549.5(40185)	22.58	21.59	20.78	18.38
		2506 (39750)	22.17	21.18	20.35	18.57
	50RB-Low (0)	2680 (41490)	22.35	21.39	20.53	18.54
		2636.5(41055)	22.62	21.64	20.81	18.43
		2593 (40620)	22.46	21.48	20.65	18.35
		2549.5(40185)	22.57	21.59	20.74	18.60
		2506 (39750)	22.14	21.14	20.31	18.50
	100RB (0)	2680 (41490)	22.27	21.31	20.47	18.41
		2636.5(41055)	22.59	21.60	20.76	18.55
		2593 (40620)	22.41	21.44	20.61	18.48
		2549.5(40185)	22.58	21.59	20.74	18.65
		2506 (39750)	22.16	21.18	20.35	18.52

LTE B41 ANT1 Power Level C1

LTE B41						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2687.5 (41565)	18.10	17.18	15.74	13.58
		2640.3(41093)	18.32	17.40	15.95	13.44
		2593 (40620)	18.16	17.22	15.76	13.64
		2545.8(40148)	18.39	17.43	16.04	13.62
		2498.5 (39675)	18.10	17.08	15.54	13.49
	1RB-Middle (12)	2687.5 (41565)	18.18	17.23	15.80	13.51
		2640.3(41093)	18.36	17.44	15.98	13.46
		2593 (40620)	18.21	17.31	15.89	13.48
		2545.8(40148)	18.43	17.55	16.06	13.36
		2498.5 (39675)	18.09	17.06	15.59	13.49
	1RB-Low (0)	2687.5 (41565)	18.14	17.19	15.76	13.40
		2640.3(41093)	18.32	17.41	15.99	13.62
		2593 (40620)	18.23	17.29	15.84	13.37
		2545.8(40148)	18.39	17.46	16.06	13.37

		2498.5 (39675)	18.12	17.12	15.55	13.59
	12RB-High (13)	2687.5 (41565)	17.10	16.07	15.10	13.57
		2640.3(41093)	17.33	16.26	15.29	13.61
		2593 (40620)	17.18	16.13	15.20	13.43
		2545.8(40148)	17.40	16.38	15.40	13.49
		2498.5 (39675)	17.12	16.13	14.98	13.54
	12RB-Middle (6)	2687.5 (41565)	17.09	16.05	15.13	13.54
		2640.3(41093)	17.33	16.28	15.33	13.43
		2593 (40620)	17.20	16.10	15.18	13.54
		2545.8(40148)	17.41	16.36	15.38	13.61
		2498.5 (39675)	17.05	16.05	14.97	13.52
	12RB-Low (0)	2687.5 (41565)	17.12	16.08	15.14	13.35
		2640.3(41093)	17.35	16.25	15.36	13.61
		2593 (40620)	17.20	16.15	15.20	13.44
		2545.8(40148)	17.44	16.37	15.41	13.41
		2498.5 (39675)	17.12	16.12	14.91	13.60
	25RB (0)	2687.5 (41565)	17.13	16.10	15.13	13.55
		2640.3(41093)	17.37	16.33	15.37	13.49
		2593 (40620)	17.20	16.17	15.22	13.38
		2545.8(40148)	17.45	16.43	15.45	13.63
		2498.5 (39675)	17.11	16.14	14.98	13.48
10MHz	1RB-High (49)	2685 (41540)	18.14	17.16	15.76	13.55
		2639(41080)	18.31	17.40	15.96	13.62
		2593 (40620)	18.22	17.29	15.80	13.62
		2547(40160)	18.39	17.52	16.08	13.39
		2501 (39700)	18.02	17.15	15.70	13.46
	1RB-Middle (24)	2685 (41540)	18.09	17.20	15.71	13.48
		2639(41080)	18.28	17.34	15.99	13.61
		2593 (40620)	18.18	17.32	15.84	13.58
		2547(40160)	18.37	17.44	16.04	13.39
		2501 (39700)	18.05	17.05	15.58	13.43
	1RB-Low (0)	2685 (41540)	18.16	17.25	15.76	13.45
		2639(41080)	18.38	17.46	16.04	13.59
		2593 (40620)	18.28	17.35	15.88	13.44
		2547(40160)	18.45	17.49	16.08	13.64
		2501 (39700)	18.03	17.06	15.54	13.62
	25RB-High (25)	2685 (41540)	17.11	16.06	15.13	13.64
		2639(41080)	17.31	16.28	15.33	13.42
		2593 (40620)	17.19	16.16	15.18	13.50
		2547(40160)	17.44	16.41	15.44	13.60
		2501 (39700)	17.02	16.05	15.05	13.41
	25RB-Middle (12)	2685 (41540)	17.09	16.04	15.08	13.47

		2639(41080)	17.30	16.26	15.32	13.41
		2593 (40620)	17.20	16.19	15.19	13.59
		2547(40160)	17.41	16.38	15.42	13.56
		2501 (39700)	17.03	16.08	14.99	13.48
	25RB-Low (0)	2685 (41540)	17.14	16.10	15.15	13.44
		2639(41080)	17.34	16.31	15.34	13.59
		2593 (40620)	17.24	16.23	15.25	13.46
		2547(40160)	17.42	16.38	15.46	13.42
		2501 (39700)	17.12	16.08	14.97	13.64
	50RB (0)	2685 (41540)	17.10	16.12	15.09	13.56
		2639(41080)	17.33	16.35	15.30	13.42
		2593 (40620)	17.19	16.21	15.19	13.35
		2547(40160)	17.40	16.45	15.41	13.54
		2501 (39700)	17.11	16.00	14.96	13.41
15MHz	1RB-High (74)	2682.5 (41515)	18.09	17.22	15.73	13.52
		2637.8(41068)	18.34	17.36	15.96	13.40
		2593 (40620)	18.17	17.22	15.79	13.39
		2548.3(40173)	18.31	17.45	15.98	13.42
		2503.5 (39725)	18.04	17.14	15.74	13.46
	1RB-Middle (37)	2682.5 (41515)	18.13	17.26	15.77	13.56
		2637.8(41068)	18.39	17.43	16.00	13.47
		2593 (40620)	18.25	17.32	15.92	13.62
		2548.3(40173)	18.40	17.47	16.05	13.50
		2503.5 (39725)	18.12	17.07	15.59	13.57
	1RB-Low (0)	2682.5 (41515)	18.18	17.23	15.79	13.35
		2637.8(41068)	18.38	17.42	16.02	13.45
		2593 (40620)	18.26	17.30	15.86	13.53
		2548.3(40173)	18.36	17.49	16.05	13.41
		2503.5 (39725)	18.11	17.06	15.51	13.50
	36RB-High (38)	2682.5 (41515)	17.07	16.06	15.08	13.37
		2637.8(41068)	17.30	16.26	15.24	13.54
		2593 (40620)	17.17	16.15	15.12	13.50
		2548.3(40173)	17.36	16.34	15.35	13.65
		2503.5 (39725)	17.02	16.12	14.97	13.36
	36RB-Middle (19)	2682.5 (41515)	17.09	16.07	15.05	13.60
		2637.8(41068)	17.31	16.24	15.25	13.42
		2593 (40620)	17.15	16.09	15.13	13.47
		2548.3(40173)	17.36	16.34	15.35	13.43
		2503.5 (39725)	17.15	16.12	14.92	13.63
	36RB-Low (0)	2682.5 (41515)	17.12	16.09	15.07	13.44
		2637.8(41068)	17.34	16.31	15.33	13.59
		2593 (40620)	17.20	16.20	15.21	13.55

		2548.3(40173)	17.38	16.36	15.34	13.39
		2503.5 (39725)	17.05	16.07	14.90	13.40
	75RB (0)	2682.5 (41515)	17.15	16.14	15.15	13.42
		2637.8(41068)	17.31	16.34	15.34	13.58
		2593 (40620)	17.21	16.26	15.24	13.44
		2548.3(40173)	17.37	16.46	15.42	13.65
		2503.5 (39725)	17.10	16.01	14.99	13.65
20MHz	1RB-High (99)	2680 (41490)	18.14	17.14	15.74	13.47
		2636.5(41055)	18.30	17.32	15.89	13.38
		2593 (40620)	18.16	17.26	15.86	13.54
		2549.5(40185)	18.32	17.42	15.95	13.65
		2506 (39750)	18.11	17.27	15.81	13.35
	1RB-Middle (50)	2680 (41490)	18.15	17.20	15.70	13.38
		2636.5(41055)	18.40	17.44	15.97	13.54
		2593 (40620)	18.28	17.29	15.90	13.38
		2549.5(40185)	18.38	17.48	16.12	13.38
		2506 (39750)	18.05	17.15	15.68	13.56
	1RB-Low (0)	2680 (41490)	18.25	17.27	15.87	13.35
		2636.5(41055)	18.46	17.49	16.02	13.63
		2593 (40620)	18.29	17.31	15.88	13.54
		2549.5(40185)	18.44	17.48	16.06	13.65
		2506 (39750)	18.10	17.02	15.56	13.62
	50RB-High (50)	2680 (41490)	17.10	16.13	15.09	13.52
		2636.5(41055)	17.34	16.34	15.30	13.59
		2593 (40620)	17.19	16.20	15.19	13.52
		2549.5(40185)	17.40	16.41	15.36	13.46
		2506 (39750)	17.12	16.10	15.13	13.41
	50RB-Middle (25)	2680 (41490)	17.15	16.16	15.16	13.48
		2636.5(41055)	17.33	16.34	15.36	13.38
		2593 (40620)	17.23	16.23	15.23	13.35
		2549.5(40185)	17.46	16.45	15.45	13.45
		2506 (39750)	17.02	16.07	15.02	13.40
	50RB-Low (0)	2680 (41490)	17.20	16.21	15.21	13.55
		2636.5(41055)	17.49	16.47	15.38	13.46
		2593 (40620)	17.26	16.27	15.26	13.41
		2549.5(40185)	17.46	16.43	15.44	13.58
		2506 (39750)	17.06	16.23	14.95	13.54
	100RB (0)	2680 (41490)	17.14	16.14	15.14	13.54
		2636.5(41055)	17.38	16.42	15.36	13.61
		2593 (40620)	17.17	16.23	15.17	13.55
		2549.5(40185)	17.42	16.45	15.41	13.49
		2506 (39750)	17.07	16.06	15.05	13.60

LTE B41 ANT1 Power Level E1

LTE B41						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2687.5 (41565)	14.09	13.19	11.8	9.16
		2640.3(41093)	14.08	13.22	11.77	9.03
		2593 (40620)	14.27	13.39	11.91	9.07
		2545.8(40148)	14.25	13.41	12	9.1
		2498.5 (39675)	14.18	13.34	11.81	9.23
	1RB-Middle (12)	2687.5 (41565)	14.06	13.22	11.82	8.93
		2640.3(41093)	14.16	13.23	11.81	9.08
		2593 (40620)	14.22	13.43	11.95	9.13
		2545.8(40148)	14.34	13.46	12.01	9.23
		2498.5 (39675)	14.27	13.29	11.76	9.29
	1RB-Low (0)	2687.5 (41565)	14.05	13.2	11.78	9.09
		2640.3(41093)	14.18	13.29	11.86	9.15
		2593 (40620)	14.28	13.41	11.95	9.17
		2545.8(40148)	14.28	13.45	12.06	9.38
		2498.5 (39675)	14.09	13.21	11.74	9
	12RB-High (13)	2687.5 (41565)	13.15	12.09	11.14	9.21
		2640.3(41093)	13.17	12.13	11.23	9.18
		2593 (40620)	13.34	12.27	11.32	9.26
		2545.8(40148)	13.36	12.32	11.37	9.29
		2498.5 (39675)	13.26	12.22	11.22	9.43
	12RB-Middle (6)	2687.5 (41565)	13.14	12.11	11.18	9.15
		2640.3(41093)	13.19	12.11	11.2	9.23
		2593 (40620)	13.35	12.25	11.38	9.48
		2545.8(40148)	13.41	12.33	11.37	9.49
		2498.5 (39675)	13.18	12.13	11.18	9.45
	12RB-Low (0)	2687.5 (41565)	13.14	12.07	11.14	9.26
		2640.3(41093)	13.24	12.15	11.27	9.3
		2593 (40620)	13.37	12.28	11.36	9.45
		2545.8(40148)	13.42	12.32	11.39	9.57
		2498.5 (39675)	13.16	12.13	11.17	9.33
	25RB (0)	2687.5 (41565)	13.16	12.15	11.18	9.2
		2640.3(41093)	13.21	12.19	11.23	9.23
		2593 (40620)	13.39	12.34	11.37	9.53
		2545.8(40148)	13.41	12.38	11.41	9.31
		2498.5 (39675)	13.21	12.22	11.23	9.27
10MHz	1RB-High (49)	2685 (41540)	14.14	13.29	11.84	9.14
		2639(41080)	14.13	13.25	11.8	9.15
		2593 (40620)	14.29	13.43	12.04	9.15

		2547(40160)	14.23	13.41	11.98	9.16
		2501 (39700)	14.28	13.41	12.03	9.37
	1RB-Middle (24)	2685 (41540)	14.06	13.16	11.76	8.92
		2639(41080)	14.13	13.24	11.84	9.26
		2593 (40620)	14.26	13.39	11.92	9.15
		2547(40160)	14.22	13.39	12.01	9.31
		2501 (39700)	14.15	13.24	11.86	9.32
	1RB-Low (0)	2685 (41540)	14.16	13.2	11.77	9.05
		2639(41080)	14.27	13.41	11.99	9.14
		2593 (40620)	14.33	13.44	12.02	9.22
		2547(40160)	14.38	13.5	12.03	9.25
		2501 (39700)	14.11	13.23	11.78	8.89
	25RB-High (25)	2685 (41540)	13.14	12.08	11.14	9.2
		2639(41080)	13.14	12.13	11.2	9.22
		2593 (40620)	13.33	12.31	11.37	9.36
		2547(40160)	13.34	12.34	11.38	9.41
		2501 (39700)	13.27	12.27	11.33	9.42
	25RB-Middle (12)	2685 (41540)	13.09	12.08	11.1	9.26
		2639(41080)	13.21	12.16	11.22	9.44
		2593 (40620)	13.3	12.29	11.36	9.5
		2547(40160)	13.34	12.33	11.37	9.31
		2501 (39700)	13.2	12.18	11.24	9.45
	25RB-Low (0)	2685 (41540)	13.16	12.13	11.14	9.09
		2639(41080)	13.26	12.2	11.29	9.26
		2593 (40620)	13.36	12.36	11.37	9.51
		2547(40160)	13.35	12.34	11.39	9.54
		2501 (39700)	13.15	12.16	11.22	9.31
	50RB (0)	2685 (41540)	13.11	12.11	11.1	9.14
		2639(41080)	13.17	12.17	11.22	9.29
		2593 (40620)	13.36	12.34	11.33	9.29
		2547(40160)	13.34	12.36	11.37	9.37
		2501 (39700)	13.21	12.27	11.21	9.38
15MHz	1RB-High (74)	2682.5 (41515)	14.1	13.18	11.81	9.04
		2637.8(41068)	14.08	13.18	11.76	9.09
		2593 (40620)	14.31	13.44	11.96	9.27
		2548.3(40173)	14.18	13.38	11.97	9.17
		2503.5 (39725)	14.36	13.48	12.09	9.17
	1RB-Middle (37)	2682.5 (41515)	14.12	13.19	11.78	9.11
		2637.8(41068)	14.22	13.32	11.92	9.24
		2593 (40620)	14.33	13.49	12.02	9.15
		2548.3(40173)	14.26	13.46	12	9.27
		2503.5 (39725)	14.21	13.33	11.92	9.22

	1RB-Low (0)	2682.5 (41515)	14.12	13.21	11.74	9.09
		2637.8(41068)	14.32	13.38	11.96	9.12
		2593 (40620)	14.35	13.43	11.98	9.16
		2548.3(40173)	14.42	13.47	12.07	9.27
		2503.5 (39725)	14.1	13.25	11.81	9.03
	36RB-High (38)	2682.5 (41515)	13.07	12.05	11.09	9.31
		2637.8(41068)	13.14	12.09	11.11	9.18
		2593 (40620)	13.3	12.3	11.32	9.49
		2548.3(40173)	13.28	12.27	11.31	9.25
		2503.5 (39725)	13.33	12.29	11.3	9.43
	36RB-Middle (19)	2682.5 (41515)	13.09	12.05	11.07	9.15
		2637.8(41068)	13.17	12.17	11.19	9.34
		2593 (40620)	13.31	12.29	11.32	9.3
		2548.3(40173)	13.33	12.34	11.34	9.46
		2503.5 (39725)	13.25	12.2	11.25	9.43
	36RB-Low (0)	2682.5 (41515)	13.09	12.07	11.06	9.17
		2637.8(41068)	13.27	12.25	11.27	9.48
		2593 (40620)	13.32	12.3	11.33	9.56
		2548.3(40173)	13.35	12.36	11.36	9.33
		2503.5 (39725)	13.16	12.15	11.17	9.17
	75RB (0)	2682.5 (41515)	13.13	12.14	11.16	9.13
		2637.8(41068)	13.25	12.28	11.29	9.38
		2593 (40620)	13.31	12.37	11.37	9.4
		2548.3(40173)	13.36	12.42	11.38	9.42
		2503.5 (39725)	13.28	12.32	11.29	9.43
20MHz	1RB-High (99)	2680 (41490)	14.07	13.24	11.8	9.05
		2636.5(41055)	14.11	13.16	11.76	9.02
		2593 (40620)	14.28	13.41	11.95	9.17
		2549.5(40185)	14.18	13.38	11.96	9.18
		2506 (39750)	14.45	13.56	12.12	9.3
	1RB-Middle (50)	2680 (41490)	14.12	13.19	11.73	9
		2636.5(41055)	14.23	13.37	11.95	9.17
		2593 (40620)	14.36	13.47	12.01	9.22
		2549.5(40185)	14.32	13.41	11.99	9.2
		2506 (39750)	14.25	13.4	12.05	9.25
	1RB-Low (0)	2680 (41490)	14.12	13.18	11.73	9
		2636.5(41055)	14.47	13.47	12.03	9.23
		2593 (40620)	14.34	13.45	12.01	9.22
		2549.5(40185)	14.43	13.53	12.1	9.28
		2506 (39750)	14.12	13.25	11.75	9.02
	50RB-High (50)	2680 (41490)	13.1	12.12	11.13	9.21
		2636.5(41055)	13.16	12.22	11.16	9.23

		2593 (40620)	13.32	12.37	11.35	9.39
		2549.5(40185)	13.32	12.37	11.32	9.36
		2506 (39750)	13.33	12.43	11.4	9.43
	50RB-Middle (25)	2680 (41490)	13.1	12.11	11.11	9.19
		2636.5(41055)	13.28	12.33	11.32	9.36
		2593 (40620)	13.37	12.4	11.37	9.41
		2549.5(40185)	13.37	12.42	11.41	9.44
		2506 (39750)	13.39	12.39	11.36	9.4
	50RB-Low (0)	2680 (41490)	13.13	12.16	11.14	9.21
		2636.5(41055)	13.41	12.38	11.33	9.37
		2593 (40620)	13.4	12.42	11.41	9.44
		2549.5(40185)	13.38	12.43	11.41	9.44
		2506 (39750)	13.24	12.26	11.22	9.28
	100RB (0)	2680 (41490)	13.12	12.13	11.11	9.19
		2636.5(41055)	13.23	12.27	11.26	9.31
		2593 (40620)	13.35	12.39	11.37	9.41
		2549.5(40185)	13.37	12.38	11.38	9.41
		2506 (39750)	13.33	12.39	11.36	9.4

LTE B41 ANT2 Power Level A1

LTE B41 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2687.5 (41565)	23.17	22.17	21.15	17.97
		2640.3(41093)	23.06	22.14	21.31	18.00
		2593 (40620)	23.21	22.28	21.07	18.26
		2545.8(40148)	23.36	22.14	21.17	18.15
		2498.5 (39675)	23.28	22.29	21.09	17.91
	1RB-Middle (12)	2687.5 (41565)	23.04	22.23	21.06	17.90
		2640.3(41093)	23.08	22.13	21.33	17.95
		2593 (40620)	23.16	22.36	21.24	17.91
		2545.8(40148)	23.00	22.26	21.22	18.05
		2498.5 (39675)	23.07	22.23	21.22	18.11
	1RB-Low (0)	2687.5 (41565)	23.14	22.28	21.19	17.85
		2640.3(41093)	23.12	22.32	21.13	17.96
		2593 (40620)	23.29	22.11	21.20	17.85
		2545.8(40148)	23.18	22.26	21.17	18.16
		2498.5 (39675)	23.11	22.02	21.21	18.08
	12RB-High (13)	2687.5 (41565)	22.16	21.18	20.08	18.04
		2640.3(41093)	22.15	21.19	20.24	17.96
		2593 (40620)	22.36	21.26	20.25	18.13
		2545.8(40148)	22.09	21.36	20.14	18.02

		2498.5 (39675)	22.17	21.35	20.29	18.10
	12RB-Middle (6)	2687.5 (41565)	22.16	21.14	20.17	17.94
		2640.3(41093)	22.09	21.20	20.23	17.98
		2593 (40620)	22.09	21.28	20.26	17.93
		2545.8(40148)	22.16	21.01	20.24	18.11
		2498.5 (39675)	22.15	21.13	20.06	17.89
	12RB-Low (0)	2687.5 (41565)	22.13	21.35	20.01	17.92
		2640.3(41093)	22.27	21.31	20.21	18.11
		2593 (40620)	22.31	21.16	20.22	18.09
		2545.8(40148)	22.24	21.17	20.04	18.07
		2498.5 (39675)	22.21	21.20	20.25	18.26
	25RB (0)	2687.5 (41565)	22.19	21.30	20.09	18.07
		2640.3(41093)	22.19	21.16	20.22	18.14
		2593 (40620)	22.16	21.08	20.18	18.03
		2545.8(40148)	22.16	21.23	20.14	18.11
		2498.5 (39675)	22.04	21.24	20.30	18.01
10MHz	1RB-High (49)	2685 (41540)	23.08	22.14	21.37	18.14
		2639(41080)	23.06	22.20	21.10	18.11
		2593 (40620)	23.10	22.27	21.31	18.15
		2547(40160)	23.21	22.09	21.06	17.94
		2501 (39700)	23.32	22.34	21.28	18.11
	1RB-Middle (24)	2685 (41540)	23.17	22.32	21.13	17.83
		2639(41080)	23.14	22.16	21.31	17.98
		2593 (40620)	23.22	22.29	21.23	18.04
		2547(40160)	23.12	22.15	21.19	17.91
		2501 (39700)	23.07	22.13	21.10	17.98
	1RB-Low (0)	2685 (41540)	23.16	22.15	21.20	18.00
		2639(41080)	23.05	22.17	21.18	18.12
		2593 (40620)	23.32	22.11	21.11	18.00
		2547(40160)	23.13	22.25	21.31	18.10
		2501 (39700)	23.12	22.01	21.23	18.22
	25RB-High (25)	2685 (41540)	22.19	21.24	20.12	18.19
		2639(41080)	22.13	21.41	20.15	17.91
		2593 (40620)	22.16	21.14	20.16	18.13
		2547(40160)	22.09	21.33	20.27	18.11
		2501 (39700)	22.25	21.14	20.33	18.08
	25RB-Middle (12)	2685 (41540)	22.06	21.24	20.32	17.95
		2639(41080)	22.29	21.27	20.03	18.08
		2593 (40620)	22.25	21.28	20.17	17.87
		2547(40160)	22.04	21.25	20.27	17.85
		2501 (39700)	22.31	21.12	20.03	18.01
	25RB-Low (0)	2685 (41540)	22.15	21.20	20.04	18.07

		2639(41080)	22.13	21.35	20.32	18.04
		2593 (40620)	22.42	21.16	20.29	18.20
		2547(40160)	22.23	21.03	20.28	17.97
		2501 (39700)	22.19	21.20	20.25	18.10
	50RB (0)	2685 (41540)	22.01	21.40	20.27	18.04
		2639(41080)	22.19	21.16	20.12	18.06
		2593 (40620)	22.27	21.18	20.06	17.90
		2547(40160)	22.04	21.38	20.08	18.02
		2501 (39700)	22.07	21.28	20.24	18.07
15MHz	1RB-High (74)	2682.5 (41515)	23.01	22.14	21.20	18.10
		2637.8(41068)	23.15	22.17	21.30	18.11
		2593 (40620)	23.09	22.27	21.24	18.07
		2548.3(40173)	23.19	22.09	21.14	18.15
		2503.5 (39725)	23.38	22.25	21.29	18.12
	1RB-Middle (37)	2682.5 (41515)	23.12	22.35	21.15	17.85
		2637.8(41068)	23.12	22.15	21.35	18.03
		2593 (40620)	23.22	22.26	21.02	18.16
		2548.3(40173)	23.06	22.31	21.20	17.87
		2503.5 (39725)	23.20	22.31	21.14	18.09
	1RB-Low (0)	2682.5 (41515)	23.04	22.25	21.32	17.98
		2637.8(41068)	23.01	22.07	21.15	17.96
		2593 (40620)	23.19	22.07	21.34	17.84
		2548.3(40173)	23.09	22.41	21.12	18.00
		2503.5 (39725)	23.14	22.07	21.21	18.05
	36RB-High (38)	2682.5 (41515)	22.11	21.13	20.09	18.06
		2637.8(41068)	22.17	21.42	20.27	18.00
		2593 (40620)	22.29	21.19	20.02	18.10
		2548.3(40173)	22.01	21.21	20.13	18.20
		2503.5 (39725)	22.10	21.29	20.22	18.12
	36RB-Middle (19)	2682.5 (41515)	22.01	21.26	20.20	17.94
		2637.8(41068)	22.09	21.25	20.05	18.22
		2593 (40620)	22.11	21.19	20.35	17.91
		2548.3(40173)	22.14	21.16	20.12	17.98
		2503.5 (39725)	22.10	21.12	20.02	17.93
	36RB-Low (0)	2682.5 (41515)	22.15	21.34	20.01	17.93
		2637.8(41068)	22.18	21.21	20.42	18.04
		2593 (40620)	22.19	21.31	20.29	18.02
		2548.3(40173)	22.19	21.03	20.04	17.92
		2503.5 (39725)	22.02	21.43	20.40	18.07
	75RB (0)	2682.5 (41515)	22.01	21.24	20.11	17.91
		2637.8(41068)	22.01	21.14	20.22	18.23
		2593 (40620)	22.11	21.22	20.04	18.08

		2548.3(40173)	22.05	21.36	20.08	18.00
		2503.5 (39725)	22.16	21.23	20.12	18.10
20MHz	1RB-High (99)	2680 (41490)	23.11	22.17	21.28	18.05
		2636.5(41055)	23.04	22.16	21.23	18.11
		2593 (40620)	23.18	22.21	21.20	18.13
		2549.5(40185)	23.26	22.20	21.11	18.03
		2506 (39750)	23.25	22.28	21.18	18.00
	1RB-Middle (50)	2680 (41490)	23.07	22.26	21.12	17.96
		2636.5(41055)	23.04	22.18	21.22	17.97
		2593 (40620)	23.24	22.29	21.13	18.03
		2549.5(40185)	23.12	22.22	21.15	17.98
		2506 (39750)	23.16	22.22	21.19	18.08
	1RB-Low (0)	2680 (41490)	23.03	22.21	21.25	17.97
		2636.5(41055)	23.09	22.19	21.25	18.08
		2593 (40620)	23.28	22.12	21.24	17.95
		2549.5(40185)	23.19	22.29	21.22	18.05
		2506 (39750)	23.02	22.14	21.10	18.15
	50RB-High (50)	2680 (41490)	22.03	21.16	20.10	18.11
		2636.5(41055)	22.08	21.30	20.18	17.97
		2593 (40620)	22.29	21.27	20.13	18.01
		2549.5(40185)	22.11	21.24	20.15	18.07
		2506 (39750)	22.21	21.24	20.24	18.04
	50RB-Middle (25)	2680 (41490)	22.08	21.19	20.26	18.06
		2636.5(41055)	22.19	21.14	20.13	18.11
		2593 (40620)	22.16	21.29	20.24	17.96
		2549.5(40185)	22.08	21.14	20.25	17.98
		2506 (39750)	22.18	21.25	20.10	18.02
	50RB-Low (0)	2680 (41490)	22.09	21.26	20.11	18.00
		2636.5(41055)	22.15	21.27	20.29	17.98
		2593 (40620)	22.30	21.19	20.26	18.13
		2549.5(40185)	22.16	21.16	20.17	18.03
		2506 (39750)	22.10	21.30	20.27	18.13
	100RB (0)	2680 (41490)	22.07	21.28	20.22	17.95
		2636.5(41055)	22.14	21.17	20.11	18.11
		2593 (40620)	22.22	21.14	20.12	17.96
		2549.5(40185)	22.13	21.29	20.17	18.07
		2506 (39750)	22.15	21.16	20.24	18.14

LTE B41 ANT2 Power Level D1

LTE B41 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2687.5 (41565)	21.03	21.27	21.04	18.39
		2640.3(41093)	21.16	21.06	21.32	18.58
		2593 (40620)	21.13	21.20	21.24	18.43
		2545.8(40148)	21.15	21.24	21.19	18.39
		2498.5 (39675)	21.05	20.93	21.18	18.44
	1RB-Middle (12)	2687.5 (41565)	21.07	20.96	20.84	18.41
		2640.3(41093)	21.16	21.31	21.08	18.41
		2593 (40620)	21.24	21.07	21.13	18.43
		2545.8(40148)	21.03	20.89	21.10	18.30
		2498.5 (39675)	21.14	21.15	21.07	18.36
	1RB-Low (0)	2687.5 (41565)	11.05	11.06	11.15	9.50
		2640.3(41093)	21.01	20.96	21.07	18.35
		2593 (40620)	21.19	21.08	21.28	18.47
		2545.8(40148)	21.22	21.15	21.28	18.49
		2498.5 (39675)	21.04	20.92	21.00	18.32
	12RB-High (13)	2687.5 (41565)	20.94	20.95	21.04	18.38
		2640.3(41093)	21.18	21.15	21.27	18.52
		2593 (40620)	21.14	21.19	21.09	18.39
		2545.8(40148)	21.11	21.13	21.15	18.49
		2498.5 (39675)	21.11	21.18	21.10	18.50
	12RB-Middle (6)	2687.5 (41565)	21.08	20.83	20.93	18.23
		2640.3(41093)	21.11	20.98	20.96	18.42
		2593 (40620)	21.09	21.20	21.06	18.54
		2545.8(40148)	20.95	21.01	21.00	18.38
		2498.5 (39675)	20.93	21.12	20.93	18.35
	12RB-Low (0)	2687.5 (41565)	21.18	21.09	21.11	18.42
		2640.3(41093)	21.02	21.17	21.20	18.51
		2593 (40620)	21.07	21.00	21.07	18.37
		2545.8(40148)	21.04	21.24	21.16	18.50
		2498.5 (39675)	21.00	20.98	20.99	18.22
	25RB (0)	2687.5 (41565)	21.02	20.88	21.00	18.34
		2640.3(41093)	21.16	20.89	21.05	18.58
		2593 (40620)	21.25	21.14	21.20	18.43
		2545.8(40148)	21.24	21.13	21.02	18.54
		2498.5 (39675)	21.19	21.26	21.18	18.47
10MHz	1RB-High (49)	2685 (41540)	21.19	21.07	20.99	18.33
		2639(41080)	21.07	20.96	21.28	18.40
		2593 (40620)	21.23	21.20	21.08	18.53

		2547(40160)	21.11	21.30	21.22	18.36
		2501 (39700)	21.08	21.13	21.27	18.55
	1RB-Middle (24)	2685 (41540)	21.06	20.99	20.89	18.19
		2639(41080)	21.22	21.29	21.16	18.38
		2593 (40620)	21.23	21.26	21.17	18.40
		2547(40160)	21.13	21.09	21.04	18.38
		2501 (39700)	21.11	21.33	20.98	18.60
	1RB-Low (0)	2685 (41540)	10.93	11.02	11.07	9.63
		2639(41080)	21.07	21.12	21.12	18.38
		2593 (40620)	21.14	21.15	21.32	18.60
		2547(40160)	21.22	20.99	21.11	18.54
		2501 (39700)	20.84	20.96	20.77	18.41
	25RB-High (25)	2685 (41540)	21.04	20.98	21.18	18.31
		2639(41080)	21.00	21.22	21.22	18.40
		2593 (40620)	21.24	21.30	21.02	18.55
		2547(40160)	20.95	21.02	21.10	18.29
		2501 (39700)	21.19	21.28	20.94	18.46
	25RB-Middle (12)	2685 (41540)	20.98	21.03	20.89	18.23
		2639(41080)	21.18	21.15	21.15	18.42
		2593 (40620)	21.31	21.29	20.96	18.66
		2547(40160)	21.10	21.11	21.18	18.36
		2501 (39700)	21.09	21.02	20.98	18.27
	25RB-Low (0)	2685 (41540)	21.07	21.00	21.13	18.37
		2639(41080)	20.99	20.97	21.18	18.56
		2593 (40620)	21.11	21.01	21.21	18.28
		2547(40160)	21.26	21.24	21.15	18.41
		2501 (39700)	20.89	20.98	21.01	18.26
	50RB (0)	2685 (41540)	21.10	20.96	21.12	18.43
		2639(41080)	21.19	21.14	21.04	18.41
		2593 (40620)	21.22	21.35	21.28	18.57
		2547(40160)	21.15	20.93	21.22	18.53
		2501 (39700)	21.10	21.16	21.35	18.46
15MHz	1RB-High (74)	2682.5 (41515)	21.17	21.21	21.00	18.52
		2637.8(41068)	21.13	21.02	21.27	18.47
		2593 (40620)	21.00	21.34	21.12	18.49
		2548.3(40173)	21.17	21.10	21.11	18.37
		2503.5 (39725)	21.09	20.92	21.32	18.55
	1RB-Middle (37)	2682.5 (41515)	20.96	20.87	20.95	18.35
		2637.8(41068)	21.08	21.16	20.99	18.39
		2593 (40620)	21.05	21.25	21.11	18.46
		2548.3(40173)	21.00	20.99	21.08	18.53
		2503.5 (39725)	21.15	21.09	21.10	18.49

	1RB-Low (0)	2682.5 (41515)	11.00	11.01	11.00	9.52
		2637.8(41068)	21.21	20.90	21.13	18.41
		2593 (40620)	21.02	21.23	21.21	18.51
		2548.3(40173)	21.01	21.12	21.08	18.49
		2503.5 (39725)	21.00	20.83	20.85	18.44
	36RB-High (38)	2682.5 (41515)	20.90	20.81	21.13	18.29
		2637.8(41068)	21.04	21.14	21.08	18.33
		2593 (40620)	21.00	21.22	20.96	18.42
		2548.3(40173)	20.93	21.10	21.14	18.38
		2503.5 (39725)	21.11	21.26	21.03	18.52
	36RB-Middle (19)	2682.5 (41515)	20.92	21.06	21.03	18.23
		2637.8(41068)	21.02	20.96	20.99	18.34
		2593 (40620)	21.16	21.36	21.11	18.50
		2548.3(40173)	21.05	20.98	21.03	18.41
		2503.5 (39725)	20.97	20.91	21.08	18.49
	36RB-Low (0)	2682.5 (41515)	21.02	20.89	21.19	18.53
		2637.8(41068)	21.23	21.17	21.05	18.32
		2593 (40620)	21.06	21.04	21.00	18.33
		2548.3(40173)	21.05	21.04	21.02	18.51
		2503.5 (39725)	20.91	21.06	21.19	18.29
	75RB (0)	2682.5 (41515)	20.94	20.87	21.11	18.47
		2637.8(41068)	21.11	21.05	21.09	18.55
		2593 (40620)	21.21	21.26	21.15	18.41
		2548.3(40173)	21.20	20.94	21.18	18.41
		2503.5 (39725)	21.21	21.21	21.25	18.38
20MHz	1RB-High (99)	2680 (41490)	21.08	21.16	20.98	18.44
		2636.5(41055)	21.12	21.02	21.21	18.48
		2593 (40620)	21.13	21.26	21.18	18.48
		2549.5(40185)	21.13	21.21	21.18	18.48
		2506 (39750)	21.13	21.04	21.26	18.48
	1RB-Middle (50)	2680 (41490)	20.94	20.93	20.89	18.32
		2636.5(41055)	21.11	21.22	21.08	18.47
		2593 (40620)	21.12	21.19	21.18	18.48
		2549.5(40185)	21.05	21.01	21.04	18.41
		2506 (39750)	21.11	21.22	21.04	18.47
	1RB-Low (0)	2680 (41490)	11.00	10.96	11.13	9.62
		2636.5(41055)	21.13	21.01	21.05	18.48
		2593 (40620)	21.14	21.11	21.25	18.49
		2549.5(40185)	21.12	21.12	21.15	18.48
		2506 (39750)	20.95	20.91	20.88	18.33
	50RB-High (50)	2680 (41490)	20.97	20.94	21.08	18.34
		2636.5(41055)	21.09	21.16	21.18	18.45

		2593 (40620)	21.13	21.26	21.05	18.48
		2549.5(40185)	21.03	21.10	21.04	18.40
		2506 (39750)	21.10	21.16	21.07	18.46
	50RB-Middle (25)	2680 (41490)	20.98	20.94	20.93	18.33
		2636.5(41055)	21.10	21.04	21.02	18.44
		2593 (40620)	21.20	21.29	21.07	18.53
		2549.5(40185)	21.01	20.98	21.13	18.36
		2506 (39750)	21.01	21.01	21.05	18.36
	50RB-Low (0)	2680 (41490)	21.07	20.99	21.18	18.41
		2636.5(41055)	21.11	21.09	21.09	18.45
		2593 (40620)	21.06	20.99	21.08	18.40
		2549.5(40185)	21.13	21.15	21.11	18.46
		2506 (39750)	20.96	20.96	21.08	18.32
	100RB (0)	2680 (41490)	21.04	20.97	21.08	18.39
		2636.5(41055)	21.11	21.01	21.17	18.45
		2593 (40620)	21.17	21.27	21.24	18.50
		2549.5(40185)	21.13	21.01	21.14	18.46
		2506 (39750)	21.13	21.17	21.24	18.46

LTE B41 ANT2 Power Level E1

LTE B41 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
5MHz	1RB-High (24)	2687.5 (41565)	15.17	15.36	15.34	14.77
		2640.3(41093)	15.29	15.32	15.39	14.78
		2593 (40620)	15.39	15.32	15.43	14.93
		2545.8(40148)	15.37	15.42	15.18	15.05
		2498.5 (39675)	15.51	15.33	15.47	15.08
	1RB-Middle (12)	2687.5 (41565)	15.20	15.15	15.40	14.82
		2640.3(41093)	15.42	15.23	15.26	14.98
		2593 (40620)	15.54	15.68	15.84	15.28
		2545.8(40148)	15.42	15.35	15.35	14.95
		2498.5 (39675)	15.35	15.48	15.20	14.78
	1RB-Low (0)	2687.5 (41565)	15.27	15.15	15.35	14.84
		2640.3(41093)	15.55	15.45	15.44	15.02
		2593 (40620)	15.51	15.26	15.58	14.83
		2545.8(40148)	15.29	15.45	15.55	15.04
		2498.5 (39675)	15.27	15.31	15.31	14.83
	12RB-High (13)	2687.5 (41565)	15.15	15.25	15.03	14.59
		2640.3(41093)	15.38	15.57	15.15	14.98
		2593 (40620)	15.36	15.33	15.33	15.02
		2545.8(40148)	15.31	15.28	15.61	14.95

		2498.5 (39675)	15.46	15.50	15.45	14.84
	12RB-Middle (6)	2687.5 (41565)	15.31	15.49	15.07	15.02
		2640.3(41093)	15.42	15.21	15.20	15.26
		2593 (40620)	15.45	15.49	15.42	15.37
		2545.8(40148)	15.13	15.29	15.05	15.19
		2498.5 (39675)	15.50	15.34	15.45	15.26
	12RB-Low (0)	2687.5 (41565)	15.33	15.09	15.18	15.08
		2640.3(41093)	15.45	15.38	15.47	15.19
		2593 (40620)	15.50	15.62	15.61	15.41
		2545.8(40148)	15.42	15.51	15.37	15.18
		2498.5 (39675)	15.40	15.05	15.33	15.31
	25RB (0)	2687.5 (41565)	15.12	15.18	15.05	15.06
		2640.3(41093)	15.40	15.25	15.28	15.15
		2593 (40620)	15.39	15.36	15.57	15.20
		2545.8(40148)	15.44	15.34	15.35	15.24
		2498.5 (39675)	15.36	15.47	15.42	15.10
10MHz	1RB-High (49)	2685 (41540)	15.17	15.17	15.21	14.79
		2639(41080)	15.44	15.24	15.46	14.84
		2593 (40620)	15.47	15.31	15.21	15.10
		2547(40160)	15.52	15.30	15.27	14.91
		2501 (39700)	15.53	15.42	15.39	14.94
	1RB-Middle (24)	2685 (41540)	15.13	15.12	15.33	14.72
		2639(41080)	15.34	15.19	15.32	14.99
		2593 (40620)	15.71	15.54	15.72	15.09
		2547(40160)	15.37	15.59	15.37	14.82
		2501 (39700)	15.50	15.30	15.43	14.83
	1RB-Low (0)	2685 (41540)	15.33	15.29	15.33	14.89
		2639(41080)	15.45	15.28	15.52	14.98
		2593 (40620)	15.54	15.44	15.56	14.97
		2547(40160)	15.47	15.47	15.44	14.86
		2501 (39700)	15.36	15.27	15.11	14.83
	25RB-High (25)	2685 (41540)	15.22	15.20	14.96	14.80
		2639(41080)	15.22	15.32	15.29	14.95
		2593 (40620)	15.54	15.27	15.41	14.86
		2547(40160)	15.47	15.14	15.43	14.83
		2501 (39700)	15.46	15.37	15.39	15.04
	25RB-Middle (12)	2685 (41540)	15.24	15.51	15.09	15.06
		2639(41080)	15.28	15.32	15.31	15.20
		2593 (40620)	15.51	15.45	15.57	15.24
		2547(40160)	15.34	15.11	15.22	15.00
		2501 (39700)	15.30	15.34	15.41	15.32
	25RB-Low (0)	2685 (41540)	15.11	15.28	15.16	15.13

		2639(41080)	15.31	15.54	15.43	15.36
		2593 (40620)	15.66	15.68	15.63	15.37
		2547(40160)	15.36	15.42	15.29	15.24
		2501 (39700)	15.30	15.24	15.19	15.08
	50RB (0)	2685 (41540)	15.17	15.18	15.07	15.13
		2639(41080)	15.17	15.36	15.12	15.13
		2593 (40620)	15.29	15.46	15.58	15.18
		2547(40160)	15.49	15.22	15.31	15.24
		2501 (39700)	15.47	15.38	15.41	15.33
15MHz	1RB-High (74)	2682.5 (41515)	15.32	15.14	15.25	14.71
		2637.8(41068)	15.26	15.09	15.26	14.97
		2593 (40620)	15.57	15.36	15.23	14.96
		2548.3(40173)	15.41	15.32	15.32	15.01
		2503.5 (39725)	15.58	15.35	15.41	14.98
	1RB-Middle (37)	2682.5 (41515)	15.31	15.20	15.38	14.78
		2637.8(41068)	15.34	15.44	15.37	14.98
		2593 (40620)	15.72	15.75	15.76	15.05
		2548.3(40173)	15.33	15.55	15.48	14.92
		2503.5 (39725)	15.37	15.43	15.29	14.91
	1RB-Low (0)	2682.5 (41515)	15.17	15.10	15.35	14.70
		2637.8(41068)	15.41	15.31	15.43	15.07
		2593 (40620)	15.31	15.24	15.44	15.01
		2548.3(40173)	15.26	15.28	15.43	14.79
		2503.5 (39725)	15.38	15.35	15.30	14.79
	36RB-High (38)	2682.5 (41515)	15.28	15.26	15.16	14.84
		2637.8(41068)	15.41	15.41	15.35	14.73
		2593 (40620)	15.28	15.46	15.38	14.98
		2548.3(40173)	15.41	15.26	15.53	14.93
		2503.5 (39725)	15.39	15.55	15.60	14.81
	36RB-Middle (19)	2682.5 (41515)	15.40	15.34	15.17	15.26
		2637.8(41068)	15.28	15.24	15.30	15.11
		2593 (40620)	15.33	15.41	15.44	15.30
		2548.3(40173)	15.29	15.27	15.15	15.06
		2503.5 (39725)	15.47	15.52	15.31	15.21
	36RB-Low (0)	2682.5 (41515)	15.24	15.12	15.07	15.00
		2637.8(41068)	15.35	15.50	15.38	15.17
		2593 (40620)	15.59	15.84	15.61	15.58
		2548.3(40173)	15.43	15.36	15.28	15.30
		2503.5 (39725)	15.26	15.29	15.28	15.29
	75RB (0)	2682.5 (41515)	15.25	15.29	15.16	15.15
		2637.8(41068)	15.37	15.40	15.17	15.12
		2593 (40620)	15.43	15.48	15.46	15.31

		2548.3(40173)	15.29	15.37	15.34	15.11
		2503.5 (39725)	15.25	15.45	15.51	15.20
20MHz	1RB-High (99)	2680 (41490)	15.26	15.27	15.31	14.80
		2636.5(41055)	15.33	15.22	15.36	14.86
		2593 (40620)	15.44	15.38	15.34	14.97
		2549.5(40185)	15.41	15.41	15.31	14.94
		2506 (39750)	15.45	15.46	15.41	14.98
	1RB-Middle (50)	2680 (41490)	15.25	15.17	15.30	14.79
		2636.5(41055)	15.38	15.31	15.34	14.91
		2593 (40620)	15.62	15.62	15.71	15.15
		2549.5(40185)	15.34	15.46	15.43	14.87
		2506 (39750)	15.38	15.41	15.31	14.91
	1RB-Low (0)	2680 (41490)	15.24	15.20	15.23	14.78
		2636.5(41055)	15.44	15.33	15.51	14.97
		2593 (40620)	15.42	15.37	15.48	14.95
		2549.5(40185)	15.38	15.41	15.50	14.91
		2506 (39750)	15.29	15.37	15.22	14.82
	50RB-High (50)	2680 (41490)	15.18	15.17	15.08	14.72
		2636.5(41055)	15.32	15.45	15.22	14.85
		2593 (40620)	15.41	15.40	15.43	14.94
		2549.5(40185)	15.35	15.23	15.48	14.88
		2506 (39750)	15.40	15.48	15.51	14.93
	50RB-Middle (25)	2680 (41490)	15.27	15.39	15.19	15.14
		2636.5(41055)	15.33	15.34	15.27	15.20
		2593 (40620)	15.41	15.39	15.54	15.28
		2549.5(40185)	15.26	15.17	15.16	15.13
		2506 (39750)	15.41	15.46	15.44	15.28
	50RB-Low (0)	2680 (41490)	15.20	15.16	15.16	15.07
		2636.5(41055)	15.41	15.42	15.44	15.28
		2593 (40620)	15.63	15.72	15.71	15.49
		2549.5(40185)	15.34	15.41	15.34	15.21
		2506 (39750)	15.31	15.18	15.20	15.18
	100RB (0)	2680 (41490)	15.20	15.30	15.10	15.07
		2636.5(41055)	15.30	15.34	15.20	15.17
		2593 (40620)	15.39	15.47	15.50	15.26
		2549.5(40185)	15.36	15.33	15.24	15.23
		2506 (39750)	15.35	15.40	15.44	15.22

LTE B66 ANT0 Power Level A1/B1/D1

LTE B66						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1779.3 (132665)	23.50	22.66	21.81	18.43
		1745 (132322)	23.60	22.75	21.76	18.55
		1710.7 (131979)	23.55	22.83	21.79	18.44
	1RB-Middle (3)	1779.3 (132665)	23.48	22.56	21.73	18.64
		1745 (132322)	23.50	22.83	21.67	18.57
		1710.7 (131979)	23.50	22.76	21.83	18.52
	1RB-Low (0)	1779.3 (132665)	23.54	22.69	21.73	18.51
		1745 (132322)	23.44	22.72	21.75	18.46
		1710.7 (131979)	23.55	22.81	21.86	18.63
	3RB-High (3)	1779.3 (132665)	23.59	22.43	21.64	18.47
		1745 (132322)	23.45	22.48	21.61	18.54
		1710.7 (131979)	23.51	22.59	21.81	18.61
	3RB-Middle (1)	1779.3 (132665)	23.51	22.46	21.61	18.45
		1745 (132322)	23.46	22.54	21.69	18.38
		1710.7 (131979)	23.61	22.66	21.80	18.54
	3RB-Low (0)	1779.3 (132665)	23.55	22.60	21.58	18.65
		1745 (132322)	23.44	22.55	21.64	18.54
		1710.7 (131979)	23.52	22.67	21.84	18.48
	6RB (0)	1779.3 (132665)	22.52	21.69	20.61	18.39
		1745 (132322)	22.47	21.69	20.50	18.54
		1710.7 (131979)	22.53	21.75	20.70	18.38
3MHz	1RB-High (14)	1778.5 (132657)	23.38	22.64	21.73	18.50
		1745 (132322)	23.50	22.63	21.74	18.37
		1711.5 (131987)	23.54	22.83	21.77	18.35
	1RB-Middle (7)	1778.5 (132657)	23.44	22.69	21.75	18.38
		1745 (132322)	23.61	22.78	21.79	18.65
		1711.5 (131987)	23.50	22.84	21.84	18.56
	1RB-Low (0)	1778.5 (132657)	23.43	22.78	21.67	18.35
		1745 (132322)	23.52	22.62	21.78	18.57
		1711.5 (131987)	23.48	22.82	21.79	18.52
	8RB-High (7)	1778.5 (132657)	22.49	21.63	20.60	18.57
		1745 (132322)	22.47	21.63	20.66	18.41
		1711.5 (131987)	22.53	21.83	20.71	18.61
	8RB-Middle (4)	1778.5 (132657)	22.52	21.65	20.52	18.58
		1745 (132322)	22.52	21.65	20.65	18.54
		1711.5 (131987)	22.55	21.79	20.71	18.59
	8RB-Low (0)	1778.5 (132657)	22.51	21.62	20.58	18.46
		1745 (132322)	22.50	21.62	20.62	18.58

		1711.5 (131987)	22.59	21.77	20.70	18.55
	15RB (0)	1778.5 (132657)	22.50	21.59	20.52	18.51
		1745 (132322)	22.45	21.66	20.53	18.40
		1711.5 (131987)	22.58	21.71	20.61	18.65
5MHz	1RB-High (24)	1777.5 (132647)	23.50	22.73	21.77	18.63
		1745 (132322)	23.52	22.78	21.82	18.43
		1712.5 (131997)	23.66	22.83	21.89	18.56
	1RB-Middle (12)	1777.5 (132647)	23.56	22.80	21.79	18.50
		1745 (132322)	23.62	22.79	21.87	18.58
		1712.5 (131997)	23.53	22.76	21.96	18.37
	1RB-Low (0)	1777.5 (132647)	23.62	22.82	21.74	18.47
		1745 (132322)	23.52	22.80	21.83	18.48
		1712.5 (131997)	23.64	22.85	21.97	18.61
	12RB-High (13)	1777.5 (132647)	22.55	21.64	20.64	18.39
		1745 (132322)	22.56	21.63	20.69	18.62
		1712.5 (131997)	22.64	21.75	20.72	18.61
	12RB-Middle (6)	1777.5 (132647)	22.58	21.61	20.61	18.54
		1745 (132322)	22.56	21.63	20.69	18.39
		1712.5 (131997)	22.65	21.77	20.76	18.48
	12RB-Low (0)	1777.5 (132647)	22.58	21.59	20.64	18.47
		1745 (132322)	22.59	21.67	20.67	18.62
		1712.5 (131997)	22.62	21.76	20.76	18.55
	25RB (0)	1777.5 (132647)	22.58	21.60	20.59	18.57
		1745 (132322)	22.61	21.68	20.63	18.65
		1712.5 (131997)	22.65	21.75	20.71	18.54
10MHz	1RB-High (49)	1775 (132622)	23.57	22.89	21.66	18.64
		1745 (132322)	23.57	22.79	21.70	18.59
		1715 (132022)	23.74	22.82	21.98	18.54
	1RB-Middle (24)	1775 (132622)	23.61	22.70	21.76	18.58
		1745 (132322)	23.53	22.86	21.71	18.64
		1715 (132022)	23.68	22.93	21.95	18.46
	1RB-Low (0)	1775 (132622)	23.53	22.77	21.77	18.55
		1745 (132322)	23.65	22.94	21.86	18.49
		1715 (132022)	23.68	22.79	21.92	18.57
	25RB-High (25)	1775 (132622)	22.61	21.62	20.61	18.48
		1745 (132322)	22.59	21.67	20.62	18.55
		1715 (132022)	22.68	21.79	20.75	18.59
	25RB-Middle (12)	1775 (132622)	22.58	21.63	20.62	18.62
		1745 (132322)	22.57	21.68	20.61	18.52
		1715 (132022)	22.70	21.80	20.77	18.43
	25RB-Low (0)	1775 (132622)	22.62	21.63	20.61	18.49
		1745 (132322)	22.61	21.67	20.64	18.39

		1715 (132022)	22.69	21.78	20.74	18.63
	50RB (0)	1775 (132622)	22.59	21.60	20.58	18.49
		1745 (132322)	22.61	21.67	20.63	18.43
		1715 (132022)	22.70	21.77	20.75	18.63
15MHz	1RB-High (74)	1772.5 (132597)	23.65	22.78	21.68	18.63
		1745 (132322)	23.56	22.82	21.69	18.39
		1717.5 (132047)	23.71	23.00	21.87	18.38
	1RB-Middle (37)	1772.5 (132597)	23.48	22.66	21.60	18.37
		1745 (132322)	23.60	22.90	21.73	18.60
		1717.5 (132047)	23.70	22.91	21.90	18.36
	1RB-Low (0)	1772.5 (132597)	23.45	22.89	21.73	18.64
		1745 (132322)	23.68	22.92	21.83	18.47
		1717.5 (132047)	23.68	22.93	21.98	18.57
	36RB-High (38)	1772.5 (132597)	22.55	21.57	20.57	18.44
		1745 (132322)	22.53	21.64	20.61	18.49
		1717.5 (132047)	22.67	21.79	20.78	18.46
	36RB-Middle (19)	1772.5 (132597)	22.54	21.58	20.57	18.51
		1745 (132322)	22.56	21.66	20.66	18.39
		1717.5 (132047)	22.65	21.74	20.74	18.48
	36RB-Low (0)	1772.5 (132597)	22.54	21.56	20.59	18.35
		1745 (132322)	22.65	21.66	20.67	18.55
		1717.5 (132047)	22.65	21.72	20.76	18.41
	75RB (0)	1772.5 (132597)	22.58	21.57	20.56	18.38
		1745 (132322)	22.61	21.64	20.64	18.47
		1717.5 (132047)	22.68	21.79	20.76	18.49
20MHz	1RB-High (99)	1770 (132572)	23.55	22.79	21.74	18.47
		1745 (132322)	23.55	22.82	21.75	18.56
		1720 (132072)	23.70	22.99	21.87	18.42
	1RB-Middle (50)	1770 (132572)	23.61	22.91	21.69	18.61
		1745 (132322)	23.69	22.92	21.76	18.65
		1720 (132072)	23.64	22.94	21.90	18.48
	1RB-Low (0)	1770 (132572)	23.56	22.79	21.64	18.35
		1745 (132322)	23.71	22.81	21.80	18.45
		1720 (132072)	23.76	22.78	21.90	18.52
	50RB-High (50)	1770 (132572)	22.55	21.60	20.59	18.57
		1745 (132322)	22.63	21.65	20.61	18.49
		1720 (132072)	22.72	21.79	20.80	18.64
	50RB-Middle (25)	1770 (132572)	22.56	21.61	20.60	18.49
		1745 (132322)	22.61	21.67	20.65	18.48
		1720 (132072)	22.73	21.78	20.80	18.51
	50RB-Low (0)	1770 (132572)	22.55	21.61	20.59	18.41
		1745 (132322)	22.70	21.71	20.70	18.35

		1720 (132072)	22.72	21.79	20.78	18.51
	100RB (0)	1770 (132572)	22.54	21.54	20.52	18.50
		1745 (132322)	22.66	21.65	20.64	18.40
		1720 (132072)	22.73	21.78	20.76	18.42

LTE B66 ANT0 Power Level C1

LTE B66						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1779.3 (132665)	16.25	15.58	14.47	11.31
		1745 (132322)	16.30	15.60	14.41	11.50
		1710.7 (131979)	16.27	15.76	14.48	11.30
	1RB-Middle (3)	1779.3 (132665)	16.22	15.56	14.49	11.38
		1745 (132322)	16.34	15.54	14.44	11.39
		1710.7 (131979)	16.28	15.55	14.41	11.30
	1RB-Low (0)	1779.3 (132665)	16.24	15.59	14.49	11.37
		1745 (132322)	16.36	15.64	14.48	11.32
		1710.7 (131979)	16.35	15.67	14.57	11.46
	3RB-High (3)	1779.3 (132665)	16.33	15.28	14.37	11.31
		1745 (132322)	16.35	15.26	14.38	11.31
		1710.7 (131979)	16.32	15.28	14.38	11.33
	3RB-Middle (1)	1779.3 (132665)	16.33	15.28	14.32	11.50
		1745 (132322)	16.34	15.23	14.32	11.48
		1710.7 (131979)	16.33	15.37	14.46	11.32
	3RB-Low (0)	1779.3 (132665)	16.33	15.25	14.38	11.34
		1745 (132322)	16.37	15.23	14.46	11.42
		1710.7 (131979)	16.42	15.31	14.43	11.40
	6RB (0)	1779.3 (132665)	15.29	14.33	13.22	11.31
		1745 (132322)	15.33	14.46	13.26	11.32
		1710.7 (131979)	15.30	14.44	13.30	11.39
3MHz	1RB-High (14)	1778.5 (132657)	16.20	15.66	14.52	11.38
		1745 (132322)	16.29	15.69	14.37	11.31
		1711.5 (131987)	16.30	15.65	14.48	11.50
	1RB-Middle (7)	1778.5 (132657)	16.27	15.65	14.43	11.41
		1745 (132322)	16.36	15.74	14.57	11.31
		1711.5 (131987)	16.33	15.66	14.41	11.31
	1RB-Low (0)	1778.5 (132657)	16.25	15.57	14.37	11.45
		1745 (132322)	16.29	15.54	14.38	11.44
		1711.5 (131987)	16.22	15.58	14.47	11.41
	8RB-High (7)	1778.5 (132657)	15.31	14.33	13.32	11.48
		1745 (132322)	15.33	14.40	13.31	11.32
		1711.5 (131987)	15.31	14.41	13.29	11.37

	8RB-Middle (4)	1778.5 (132657)	15.29	14.28	13.28	11.38
		1745 (132322)	15.35	14.45	13.33	11.41
		1711.5 (131987)	15.30	14.35	13.33	11.40
	8RB-Low (0)	1778.5 (132657)	15.29	14.31	13.31	11.44
		1745 (132322)	15.27	14.41	13.34	11.36
		1711.5 (131987)	15.31	14.34	13.37	11.49
	15RB (0)	1778.5 (132657)	15.32	14.34	13.26	11.31
		1745 (132322)	15.32	14.33	13.27	11.50
		1711.5 (131987)	15.32	14.30	13.28	11.50
5MHz	1RB-High (24)	1777.5 (132647)	16.30	15.73	14.54	11.47
		1745 (132322)	16.31	15.60	14.55	11.46
		1712.5 (131997)	16.39	15.63	14.53	11.44
	1RB-Middle (12)	1777.5 (132647)	16.38	15.66	14.51	11.46
		1745 (132322)	16.33	15.89	14.55	11.37
		1712.5 (131997)	16.43	15.63	14.66	11.31
	1RB-Low (0)	1777.5 (132647)	16.29	15.52	14.43	11.49
		1745 (132322)	16.33	15.80	14.58	11.34
		1712.5 (131997)	16.40	15.72	14.49	11.45
	12RB-High (13)	1777.5 (132647)	15.32	14.31	13.32	11.40
		1745 (132322)	15.39	14.42	13.39	11.41
		1712.5 (131997)	15.36	14.37	13.38	11.41
	12RB-Middle (6)	1777.5 (132647)	15.34	14.38	13.31	11.47
		1745 (132322)	15.38	14.40	13.39	11.31
		1712.5 (131997)	15.37	14.33	13.36	11.50
	12RB-Low (0)	1777.5 (132647)	15.35	14.36	13.34	11.38
		1745 (132322)	15.37	14.38	13.37	11.37
		1712.5 (131997)	15.28	14.47	13.43	11.46
	25RB (0)	1777.5 (132647)	15.36	14.35	13.34	11.42
		1745 (132322)	15.43	14.41	13.41	11.30
		1712.5 (131997)	15.42	14.35	13.34	11.37
10MHz	1RB-High (49)	1775 (132622)	16.37	15.75	14.51	11.48
		1745 (132322)	16.47	15.69	14.63	11.45
		1715 (132022)	16.35	15.56	14.51	11.42
	1RB-Middle (24)	1775 (132622)	16.26	15.45	14.47	11.47
		1745 (132322)	16.32	15.51	14.48	11.43
		1715 (132022)	16.32	15.68	14.52	11.31
	1RB-Low (0)	1775 (132622)	16.36	15.54	14.58	11.37
		1745 (132322)	16.39	15.62	14.66	11.42
		1715 (132022)	16.40	15.89	14.57	11.44
	25RB-High (25)	1775 (132622)	15.36	14.35	13.32	11.43
		1745 (132322)	15.40	14.38	13.38	11.49
		1715 (132022)	15.39	14.39	13.37	11.32

	25RB-Middle (12)	1775 (132622)	15.33	14.36	13.31	11.41
		1745 (132322)	15.39	14.36	13.34	11.34
		1715 (132022)	15.40	14.36	13.36	11.37
	25RB-Low (0)	1775 (132622)	15.37	14.38	13.34	11.46
		1745 (132322)	15.39	14.44	13.38	11.40
		1715 (132022)	15.39	14.39	13.39	11.46
	50RB (0)	1775 (132622)	15.35	14.35	13.25	11.50
		1745 (132322)	15.42	14.45	13.37	11.30
		1715 (132022)	15.37	14.38	13.36	11.31
15MHz	1RB-High (74)	1772.5 (132597)	16.21	15.60	14.53	11.32
		1745 (132322)	16.27	15.79	14.56	11.47
		1717.5 (132047)	16.27	15.78	14.43	11.46
	1RB-Middle (37)	1772.5 (132597)	16.20	15.62	14.45	11.34
		1745 (132322)	16.30	15.68	14.59	11.50
		1717.5 (132047)	16.27	15.75	14.55	11.31
	1RB-Low (0)	1772.5 (132597)	16.30	15.62	14.48	11.32
		1745 (132322)	16.33	15.85	14.62	11.44
		1717.5 (132047)	16.31	15.78	14.53	11.34
	36RB-High (38)	1772.5 (132597)	15.23	14.30	13.30	11.40
		1745 (132322)	15.31	14.40	13.40	11.32
		1717.5 (132047)	15.23	14.28	13.29	11.30
	36RB-Middle (19)	1772.5 (132597)	15.24	14.27	13.27	11.38
		1745 (132322)	15.31	14.36	13.40	11.35
		1717.5 (132047)	15.28	14.32	13.31	11.50
	36RB-Low (0)	1772.5 (132597)	15.21	14.26	13.26	11.31
		1745 (132322)	15.33	14.40	13.34	11.33
		1717.5 (132047)	15.31	14.36	13.31	11.38
	75RB (0)	1772.5 (132597)	15.22	14.29	13.28	11.49
		1745 (132322)	15.36	14.39	13.39	11.49
		1717.5 (132047)	15.30	14.35	13.33	11.35
20MHz	1RB-High (99)	1770 (132572)	16.33	15.59	14.34	11.47
		1745 (132322)	16.34	15.69	14.48	11.41
		1720 (132072)	16.38	15.45	14.36	11.44
	1RB-Middle (50)	1770 (132572)	16.27	15.63	14.41	11.37
		1745 (132322)	16.34	15.80	14.48	11.38
		1720 (132072)	16.30	15.40	14.34	11.46
	1RB-Low (0)	1770 (132572)	16.39	15.79	14.48	11.32
		1745 (132322)	16.34	15.77	14.43	11.31
		1720 (132072)	16.40	15.28	14.42	11.41
	50RB-High (50)	1770 (132572)	15.30	14.20	13.16	11.32
		1745 (132322)	15.44	14.46	13.31	11.36
		1720 (132072)	15.45	14.31	13.21	11.48

	50RB-Middle (25)	1770 (132572)	15.30	14.31	13.21	11.38
		1745 (132322)	15.41	14.40	13.31	11.35
		1720 (132072)	15.38	14.29	13.28	11.30
	50RB-Low (0)	1770 (132572)	15.29	14.31	13.19	11.47
		1745 (132322)	15.42	14.42	13.29	11.34
		1720 (132072)	15.39	14.33	13.27	11.35
	100RB (0)	1770 (132572)	15.29	14.26	13.18	11.32
		1745 (132322)	15.43	14.39	13.28	11.45
		1720 (132072)	15.35	14.29	13.25	11.30

LTE B66 ANT0 Power Level E1

LTE B66						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1779.3 (132665)	13.63	12.82	11.75	8.73
		1745 (132322)	13.73	12.75	12.00	8.79
		1710.7 (131979)	13.71	12.87	11.94	8.76
	1RB-Middle (3)	1779.3 (132665)	13.68	12.81	11.76	8.80
		1745 (132322)	13.82	12.83	11.85	8.66
		1710.7 (131979)	13.76	12.87	11.84	8.85
	1RB-Low (0)	1779.3 (132665)	13.66	12.81	11.79	8.81
		1745 (132322)	13.76	12.84	11.87	8.73
		1710.7 (131979)	13.79	12.85	11.96	8.77
	3RB-High (3)	1779.3 (132665)	13.71	12.39	11.65	8.75
		1745 (132322)	13.74	12.53	11.75	8.78
		1710.7 (131979)	13.78	12.60	11.81	8.76
	3RB-Middle (1)	1779.3 (132665)	13.66	12.42	11.69	8.70
		1745 (132322)	13.73	12.52	11.69	8.71
		1710.7 (131979)	13.78	12.59	11.77	8.74
	3RB-Low (0)	1779.3 (132665)	13.69	12.38	11.62	8.68
		1745 (132322)	13.76	12.54	11.65	8.69
		1710.7 (131979)	13.78	12.59	11.76	8.81
	6RB (0)	1779.3 (132665)	12.68	11.59	10.52	8.68
		1745 (132322)	12.72	11.77	10.66	8.80
		1710.7 (131979)	12.74	11.73	10.62	8.82
3MHz	1RB-High (14)	1778.5 (132657)	13.67	12.82	11.72	8.70
		1745 (132322)	13.71	12.93	11.80	8.71
		1711.5 (131987)	13.66	12.87	11.85	8.77
	1RB-Middle (7)	1778.5 (132657)	13.65	12.79	11.75	8.70
		1745 (132322)	13.79	12.87	11.77	8.76
		1711.5 (131987)	13.71	12.84	11.82	8.66
	1RB-Low (0)	1778.5 (132657)	13.65	12.86	11.73	8.71

		1745 (132322)	13.72	12.71	11.87	8.69
		1711.5 (131987)	13.75	13.05	11.74	8.82
	8RB-High (7)	1778.5 (132657)	12.67	11.59	10.63	8.66
		1745 (132322)	12.78	11.71	10.68	8.65
		1711.5 (131987)	12.73	11.74	10.69	8.75
	8RB-Middle (4)	1778.5 (132657)	12.70	11.61	10.59	8.69
		1745 (132322)	12.75	11.74	10.74	8.71
		1711.5 (131987)	12.73	11.76	10.73	8.78
	8RB-Low (0)	1778.5 (132657)	12.68	11.64	10.65	8.77
		1745 (132322)	12.76	11.61	10.66	8.73
		1711.5 (131987)	12.80	11.78	10.75	8.71
	15RB (0)	1778.5 (132657)	12.69	11.63	10.47	8.78
		1745 (132322)	12.74	11.70	10.63	8.67
		1711.5 (131987)	12.74	11.68	10.64	8.85
5MHz	1RB-High (24)	1777.5 (132647)	13.76	12.87	11.72	8.78
		1745 (132322)	13.80	12.92	11.82	8.85
		1712.5 (131997)	13.71	12.93	11.82	8.68
	1RB-Middle (12)	1777.5 (132647)	13.70	12.96	11.78	8.84
		1745 (132322)	13.82	12.96	11.85	8.73
		1712.5 (131997)	13.81	12.90	11.83	8.73
	1RB-Low (0)	1777.5 (132647)	13.69	12.99	11.76	8.67
		1745 (132322)	13.76	12.89	11.96	8.78
		1712.5 (131997)	13.73	12.87	11.91	8.68
	12RB-High (13)	1777.5 (132647)	12.69	11.59	10.56	8.83
		1745 (132322)	12.81	11.70	10.77	8.67
		1712.5 (131997)	12.80	11.71	10.70	8.78
	12RB-Middle (6)	1777.5 (132647)	12.79	11.68	10.66	8.84
		1745 (132322)	12.78	11.73	10.70	8.78
		1712.5 (131997)	12.75	11.85	10.80	8.76
	12RB-Low (0)	1777.5 (132647)	12.81	11.65	10.69	8.84
		1745 (132322)	12.89	11.77	10.74	8.65
		1712.5 (131997)	12.82	11.73	10.80	8.80
	25RB (0)	1777.5 (132647)	12.75	11.58	10.62	8.85
		1745 (132322)	12.82	11.76	10.73	8.83
		1712.5 (131997)	12.82	11.73	10.69	8.82
10MHz	1RB-High (49)	1775 (132622)	13.72	12.99	11.63	8.69
		1745 (132322)	13.77	12.91	11.82	8.81
		1715 (132022)	13.71	13.03	11.84	8.80
	1RB-Middle (24)	1775 (132622)	13.78	12.86	11.70	8.82
		1745 (132322)	13.82	12.86	11.85	8.85
		1715 (132022)	13.70	12.80	11.85	8.77
	1RB-Low (0)	1775 (132622)	13.71	12.75	11.83	8.81

		1745 (132322)	13.75	13.07	11.82	8.84
		1715 (132022)	13.80	13.01	11.80	8.81
	25RB-High (25)	1775 (132622)	12.74	11.77	10.57	8.67
		1745 (132322)	12.86	11.72	10.71	8.78
		1715 (132022)	12.83	11.69	10.69	8.82
	25RB-Middle (12)	1775 (132622)	12.77	11.60	10.60	8.71
		1745 (132322)	12.79	11.41	10.68	8.66
		1715 (132022)	12.78	11.72	10.70	8.80
	25RB-Low (0)	1775 (132622)	12.78	11.61	10.60	8.72
		1745 (132322)	12.83	11.68	10.71	8.72
		1715 (132022)	12.83	11.72	10.72	8.68
	50RB (0)	1775 (132622)	12.73	11.61	10.58	8.85
		1745 (132322)	12.84	11.70	10.74	8.74
		1715 (132022)	12.82	11.67	10.66	8.66
15MHz	1RB-High (74)	1772.5 (132597)	13.81	12.87	11.82	8.65
		1745 (132322)	13.82	12.92	11.79	8.73
		1717.5 (132047)	13.83	12.91	11.94	8.65
	1RB-Middle (37)	1772.5 (132597)	13.78	12.92	11.77	8.73
		1745 (132322)	13.86	12.97	11.87	8.67
		1717.5 (132047)	13.76	12.95	11.78	8.83
	1RB-Low (0)	1772.5 (132597)	13.78	13.00	11.81	8.82
		1745 (132322)	13.88	12.97	11.91	8.66
		1717.5 (132047)	13.89	13.05	11.91	8.78
	36RB-High (38)	1772.5 (132597)	12.80	11.58	10.56	8.75
		1745 (132322)	12.81	11.68	10.68	8.66
		1717.5 (132047)	12.71	11.61	10.69	8.70
	36RB-Middle (19)	1772.5 (132597)	12.79	11.55	10.62	8.78
		1745 (132322)	13.12	11.63	10.71	8.72
		1717.5 (132047)	12.76	11.64	10.77	8.77
	36RB-Low (0)	1772.5 (132597)	12.77	11.61	10.62	8.72
		1745 (132322)	12.87	11.66	10.71	8.66
		1717.5 (132047)	12.81	11.69	10.74	8.66
	75RB (0)	1772.5 (132597)	12.72	11.60	10.57	8.77
		1745 (132322)	12.82	11.70	10.73	8.83
		1717.5 (132047)	12.80	11.68	10.70	8.65
20MHz	1RB-High (99)	1770 (132572)	13.80	13.03	11.93	8.81
		1745 (132322)	13.81	12.96	11.87	8.74
		1720 (132072)	13.82	13.08	11.89	8.85
	1RB-Middle (50)	1770 (132572)	13.75	12.93	11.82	8.69
		1745 (132322)	13.90	12.99	11.81	8.83
		1720 (132072)	13.93	12.96	11.92	8.69
	1RB-Low (0)	1770 (132572)	13.83	12.93	11.85	8.72

		1745 (132322)	13.87	12.98	11.97	8.80
		1720 (132072)	13.84	12.93	11.97	8.81
	50RB-High (50)	1770 (132572)	12.79	11.59	10.58	8.73
		1745 (132322)	12.91	11.86	10.71	8.68
		1720 (132072)	12.95	11.71	10.72	8.84
	50RB-Middle (25)	1770 (132572)	12.80	11.62	10.59	8.73
		1745 (132322)	12.89	11.73	10.71	8.74
		1720 (132072)	12.77	11.68	10.71	8.70
	50RB-Low (0)	1770 (132572)	12.84	11.65	10.66	8.85
		1745 (132322)	12.71	11.77	10.76	8.75
		1720 (132072)	12.82	11.74	10.75	8.81
	100RB (0)	1770 (132572)	12.80	11.74	10.49	8.70
		1745 (132322)	12.87	11.70	10.69	8.68
		1720 (132072)	12.86	11.71	10.71	8.66

LTE B66 ANT2 Power Level A1/D1

LTE B66 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1779.3 (132665)	23.39	22.42	21.14	18.30
		1745 (132322)	23.28	22.24	21.17	18.09
		1710.7 (131979)	23.26	22.19	21.26	18.08
	1RB-Middle (3)	1779.3 (132665)	23.50	22.19	21.39	18.12
		1745 (132322)	23.26	22.32	21.46	18.16
		1710.7 (131979)	23.28	22.23	21.17	18.24
	1RB-Low (0)	1779.3 (132665)	23.36	22.18	21.33	18.09
		1745 (132322)	23.21	22.26	21.32	18.06
		1710.7 (131979)	23.32	22.34	21.26	18.08
	3RB-High (3)	1779.3 (132665)	23.28	22.38	21.13	18.11
		1745 (132322)	23.39	22.22	21.25	18.16
		1710.7 (131979)	23.11	22.24	21.19	18.08
	3RB-Middle (1)	1779.3 (132665)	23.44	22.19	21.40	18.14
		1745 (132322)	23.23	22.24	21.34	18.09
		1710.7 (131979)	23.12	22.17	21.19	18.10
	3RB-Low (0)	1779.3 (132665)	23.30	22.12	21.09	18.05
		1745 (132322)	23.39	22.28	21.38	18.13
		1710.7 (131979)	23.19	22.33	21.27	18.14
	6RB (0)	1779.3 (132665)	22.34	21.42	20.29	18.16
		1745 (132322)	22.16	21.22	20.44	18.01
		1710.7 (131979)	22.22	21.17	20.10	18.32
3MHz	1RB-High (14)	1778.5 (132657)	23.44	22.26	21.33	18.24
		1745 (132322)	23.46	22.16	21.20	18.13

		1711.5 (131987)	23.16	22.23	21.14	17.93
	1RB-Middle (7)	1778.5 (132657)	23.30	22.13	21.34	18.02
		1745 (132322)	23.40	22.21	21.36	18.05
		1711.5 (131987)	23.21	22.34	21.37	18.29
	1RB-Low (0)	1778.5 (132657)	23.32	22.07	21.12	18.10
		1745 (132322)	23.35	22.17	21.34	18.20
		1711.5 (131987)	23.33	22.39	21.15	18.26
	8RB-High (7)	1778.5 (132657)	22.25	21.16	20.17	18.02
		1745 (132322)	22.36	21.11	20.18	18.09
		1711.5 (131987)	22.29	21.24	20.31	18.12
	8RB-Middle (4)	1778.5 (132657)	22.20	21.37	20.40	18.17
		1745 (132322)	22.30	21.21	20.40	18.09
		1711.5 (131987)	22.12	21.32	20.33	18.25
	8RB-Low (0)	1778.5 (132657)	22.31	21.17	20.13	18.07
		1745 (132322)	22.16	21.18	20.31	18.17
		1711.5 (131987)	22.16	21.19	20.21	18.13
	15RB (0)	1778.5 (132657)	22.18	21.47	20.35	18.27
		1745 (132322)	22.23	21.35	20.25	18.08
		1711.5 (131987)	22.09	21.19	20.16	18.14
5MHz	1RB-High (24)	1777.5 (132647)	23.30	22.38	21.29	18.20
		1745 (132322)	23.36	22.14	21.15	18.21
		1712.5 (131997)	23.14	22.36	21.12	17.95
	1RB-Middle (12)	1777.5 (132647)	23.38	22.32	21.33	18.21
		1745 (132322)	23.21	22.25	21.46	18.05
		1712.5 (131997)	23.35	22.22	21.33	18.26
	1RB-Low (0)	1777.5 (132647)	23.50	22.10	21.20	18.16
		1745 (132322)	23.20	22.32	21.42	18.15
		1712.5 (131997)	23.36	22.38	21.17	18.07
	12RB-High (13)	1777.5 (132647)	22.33	21.33	20.00	18.09
		1745 (132322)	22.13	21.21	20.20	18.15
		1712.5 (131997)	22.04	21.20	20.27	18.25
	12RB-Middle (6)	1777.5 (132647)	22.33	21.28	20.34	18.04
		1745 (132322)	22.37	21.19	20.41	18.02
		1712.5 (131997)	22.11	21.29	20.18	18.15
	12RB-Low (0)	1777.5 (132647)	22.38	21.25	20.14	17.99
		1745 (132322)	22.32	21.27	20.23	18.02
		1712.5 (131997)	22.19	21.31	20.22	18.00
	25RB (0)	1777.5 (132647)	22.16	21.28	20.21	18.10
		1745 (132322)	22.15	21.11	20.25	18.20
		1712.5 (131997)	22.27	21.35	20.25	18.30
10MHz	1RB-High (49)	1775 (132622)	23.20	22.46	21.23	18.05
		1745 (132322)	23.38	22.24	21.13	18.04

		1715 (132022)	23.23	22.42	21.18	17.99
	1RB-Middle (24)	1775 (132622)	23.40	22.15	21.23	18.03
		1745 (132322)	23.38	22.28	21.35	18.09
		1715 (132022)	23.29	22.35	21.38	18.09
	1RB-Low (0)	1775 (132622)	23.45	22.08	21.08	18.08
		1745 (132322)	23.25	22.32	21.25	18.17
		1715 (132022)	23.38	22.42	21.21	18.28
	25RB-High (25)	1775 (132622)	22.27	21.08	20.02	18.05
		1745 (132322)	22.26	21.17	20.41	18.17
		1715 (132022)	22.25	21.46	20.11	18.04
	25RB-Middle (12)	1775 (132622)	22.44	21.40	20.36	18.13
		1745 (132322)	22.42	21.04	20.23	17.96
		1715 (132022)	22.32	21.29	20.12	18.16
	25RB-Low (0)	1775 (132622)	22.38	21.24	20.09	18.01
		1745 (132322)	22.14	21.31	20.25	18.18
		1715 (132022)	22.15	21.37	20.23	17.97
	50RB (0)	1775 (132622)	22.41	21.36	20.22	18.21
		1745 (132322)	22.22	21.34	20.41	18.14
		1715 (132022)	22.13	21.29	20.25	18.31
15MHz	1RB-High (74)	1772.5 (132597)	23.20	22.23	21.18	18.25
		1745 (132322)	23.21	22.30	21.22	18.16
		1717.5 (132047)	23.11	22.38	21.32	18.09
	1RB-Middle (37)	1772.5 (132597)	23.52	22.23	21.21	18.12
		1745 (132322)	23.17	22.32	21.24	18.04
		1717.5 (132047)	23.29	22.30	21.30	18.16
	1RB-Low (0)	1772.5 (132597)	23.52	22.09	21.23	18.00
		1745 (132322)	23.33	22.26	21.33	18.09
		1717.5 (132047)	23.41	22.33	21.27	18.03
	36RB-High (38)	1772.5 (132597)	22.27	21.23	20.03	17.93
		1745 (132322)	22.26	21.09	20.38	18.09
		1717.5 (132047)	22.06	21.46	20.19	18.24
	36RB-Middle (19)	1772.5 (132597)	22.38	21.44	20.23	18.09
		1745 (132322)	22.31	21.18	20.20	18.12
		1717.5 (132047)	22.30	21.20	20.12	18.28
	36RB-Low (0)	1772.5 (132597)	22.22	21.19	20.10	17.94
		1745 (132322)	22.27	21.30	20.37	18.02
		1717.5 (132047)	22.16	21.20	20.04	18.12
	75RB (0)	1772.5 (132597)	22.36	21.34	20.37	18.11
		1745 (132322)	22.16	21.23	20.26	18.06
		1717.5 (132047)	22.26	21.25	20.06	18.16
20MHz	1RB-High (99)	1770 (132572)	23.33	22.35	21.21	18.17
		1745 (132322)	23.34	22.21	21.15	18.11

		1720 (132072)	23.23	22.29	21.20	18.03
	1RB-Middle (50)	1770 (132572)	23.43	22.23	21.31	18.11
		1745 (132322)	23.27	22.25	21.34	18.09
		1720 (132072)	23.22	22.24	21.27	18.20
	1RB-Low (0)	1770 (132572)	23.40	22.18	21.21	18.03
		1745 (132322)	23.27	22.26	21.34	18.14
		1720 (132072)	23.31	22.35	21.24	18.15
	50RB-High (50)	1770 (132572)	22.33	21.20	20.11	18.06
		1745 (132322)	22.26	21.18	20.28	18.19
		1720 (132072)	22.17	21.33	20.19	18.16
	50RB-Middle (25)	1770 (132572)	22.31	21.31	20.30	18.11
		1745 (132322)	22.30	21.11	20.32	18.01
		1720 (132072)	22.23	21.25	20.24	18.15
	50RB-Low (0)	1770 (132572)	22.26	21.26	20.15	18.01
		1745 (132322)	22.24	21.27	20.33	18.10
		1720 (132072)	22.13	21.30	20.16	18.01
	100RB (0)	1770 (132572)	22.29	21.34	20.29	18.15
		1745 (132322)	22.22	21.23	20.31	18.10
		1720 (132072)	22.18	21.30	20.16	18.20

LTE B66 ANT2 Power Level E1

LTE B66 ANT2						
BANDWIDTH	**Number of RBs**	**Frequency**	**QPSK**	**16QAM**	**64QAM**	**256QAM**
1.4MHz	1RB-High (5)	1779.3 (132665)	19.51	19.31	19.55	17.78
		1745 (132322)	19.58	19.62	19.58	17.86
		1710.7 (131979)	19.41	19.34	19.22	17.79
	1RB-Middle (3)	1779.3 (132665)	19.50	19.67	19.53	17.88
		1745 (132322)	19.44	19.38	19.52	17.79
		1710.7 (131979)	19.38	19.27	19.47	17.66
	1RB-Low (0)	1779.3 (132665)	19.55	19.49	19.44	17.90
		1745 (132322)	19.44	19.49	19.33	17.63
		1710.7 (131979)	19.42	19.26	19.51	17.68
	3RB-High (3)	1779.3 (132665)	19.61	19.52	19.57	17.97
		1745 (132322)	19.40	19.61	19.58	17.79
		1710.7 (131979)	19.35	19.33	19.38	17.67
	3RB-Middle (1)	1779.3 (132665)	19.46	19.60	19.71	17.99
		1745 (132322)	19.40	19.28	19.38	17.78
		1710.7 (131979)	19.38	19.46	19.40	17.74
	3RB-Low (0)	1779.3 (132665)	19.40	19.53	19.40	17.87
		1745 (132322)	19.39	19.31	19.35	17.79
		1710.7 (131979)	19.42	19.30	19.62	17.71

	6RB (0)	1779.3 (132665)	19.51	19.38	19.38	17.95
		1745 (132322)	19.45	19.35	19.59	17.94
		1710.7 (131979)	19.31	19.33	19.51	17.87
3MHz	1RB-High (14)	1778.5 (132657)	19.40	19.43	19.50	17.96
		1745 (132322)	19.57	19.60	19.45	17.90
		1711.5 (131987)	19.51	19.42	19.30	17.69
	1RB-Middle (7)	1778.5 (132657)	19.66	19.66	19.64	18.01
		1745 (132322)	19.33	19.28	19.33	17.68
		1711.5 (131987)	19.49	19.28	19.33	17.75
	1RB-Low (0)	1778.5 (132657)	19.65	19.52	19.45	17.94
		1745 (132322)	19.48	19.43	19.38	17.84
		1711.5 (131987)	19.45	19.32	19.62	17.89
	8RB-High (7)	1778.5 (132657)	19.56	19.51	19.39	17.94
		1745 (132322)	19.34	19.32	19.39	17.93
		1711.5 (131987)	19.34	19.38	19.41	17.71
	8RB-Middle (4)	1778.5 (132657)	19.50	19.28	19.39	17.85
		1745 (132322)	19.49	19.41	19.43	17.93
		1711.5 (131987)	19.25	19.50	19.37	17.96
	8RB-Low (0)	1778.5 (132657)	19.50	19.63	19.47	17.80
		1745 (132322)	19.32	19.27	19.58	17.79
		1711.5 (131987)	19.34	19.26	19.47	17.79
	15RB (0)	1778.5 (132657)	19.31	19.30	19.36	17.74
		1745 (132322)	19.29	19.42	19.42	17.86
		1711.5 (131987)	19.34	19.38	19.51	17.79
5MHz	1RB-High (24)	1777.5 (132647)	19.58	19.40	19.50	17.89
		1745 (132322)	19.54	19.62	19.62	17.83
		1712.5 (131997)	19.34	19.35	19.23	17.87
	1RB-Middle (12)	1777.5 (132647)	19.57	19.61	19.70	17.85
		1745 (132322)	19.50	19.33	19.32	17.85
		1712.5 (131997)	19.45	19.24	19.44	17.65
	1RB-Low (0)	1777.5 (132647)	19.44	19.50	19.43	17.86
		1745 (132322)	19.47	19.23	19.27	17.82
		1712.5 (131997)	19.38	19.46	19.58	17.68
	12RB-High (13)	1777.5 (132647)	19.37	19.47	19.48	17.88
		1745 (132322)	19.29	19.22	19.26	17.88
		1712.5 (131997)	19.25	19.45	19.19	17.79
	12RB-Middle (6)	1777.5 (132647)	19.60	19.35	19.58	18.05
		1745 (132322)	19.32	19.35	19.37	17.74
		1712.5 (131997)	19.50	19.47	19.28	17.97
	12RB-Low (0)	1777.5 (132647)	19.34	19.63	19.37	17.98
		1745 (132322)	19.45	19.28	19.51	17.80
		1712.5 (131997)	19.26	19.14	19.38	17.65

	25RB (0)	1777.5 (132647)	19.28	19.39	19.46	17.92
		1745 (132322)	19.33	19.38	19.47	17.87
		1712.5 (131997)	19.22	19.39	19.39	17.67
10MHz	1RB-High (49)	1775 (132622)	19.47	19.34	19.59	17.82
		1745 (132322)	19.38	19.44	19.49	17.79
		1715 (132022)	19.43	19.59	19.31	17.87
	1RB-Middle (24)	1775 (132622)	19.50	19.42	19.58	17.93
		1745 (132322)	19.31	19.24	19.31	17.70
		1715 (132022)	19.39	19.24	19.34	17.81
	1RB-Low (0)	1775 (132622)	19.61	19.71	19.43	17.98
		1745 (132322)	19.43	19.26	19.31	17.68
		1715 (132022)	19.48	19.44	19.66	17.82
	25RB-High (25)	1775 (132622)	19.56	19.59	19.51	17.87
		1745 (132322)	19.27	19.21	19.40	17.87
		1715 (132022)	19.27	19.35	19.20	17.94
	25RB-Middle (12)	1775 (132622)	19.34	19.40	19.38	18.05
		1745 (132322)	19.44	19.35	19.22	17.91
		1715 (132022)	19.47	19.43	19.46	17.78
	25RB-Low (0)	1775 (132622)	19.34	19.46	19.40	17.80
		1745 (132322)	19.26	19.40	19.51	17.85
		1715 (132022)	19.27	19.34	19.40	17.80
	50RB (0)	1775 (132622)	19.37	19.29	19.45	17.75
		1745 (132322)	19.38	19.46	19.53	17.83
		1715 (132022)	19.35	19.35	19.48	17.71
15MHz	1RB-High (74)	1772.5 (132597)	19.54	19.41	19.68	17.92
		1745 (132322)	19.62	19.58	19.41	17.76
		1717.5 (132047)	19.42	19.43	19.46	17.75
	1RB-Middle (37)	1772.5 (132597)	19.48	19.44	19.61	17.98
		1745 (132322)	19.54	19.19	19.37	17.81
		1717.5 (132047)	19.35	19.46	19.37	17.84
	1RB-Low (0)	1772.5 (132597)	19.46	19.72	19.46	17.91
		1745 (132322)	19.26	19.39	19.43	17.85
		1717.5 (132047)	19.56	19.30	19.51	17.71
	36RB-High (38)	1772.5 (132597)	19.42	19.59	19.41	17.93
		1745 (132322)	19.33	19.21	19.15	17.88
		1717.5 (132047)	19.26	19.32	19.37	17.82
	36RB-Middle (19)	1772.5 (132597)	19.34	19.47	19.57	18.05
		1745 (132322)	19.52	19.16	19.31	17.98
		1717.5 (132047)	19.37	19.49	19.48	17.94
	36RB-Low (0)	1772.5 (132597)	19.41	19.59	19.53	17.95
		1745 (132322)	19.42	19.38	19.43	17.77
		1717.5 (132047)	19.27	19.18	19.31	17.66

	75RB (0)	1772.5 (132597)	19.39	19.37	19.46	17.92
		1745 (132322)	19.51	19.48	19.40	17.95
		1717.5 (132047)	19.20	19.31	19.37	17.78
20MHz	1RB-High (99)	1770 (132572)	19.52	19.42	19.62	17.87
		1745 (132322)	19.50	19.54	19.51	17.85
		1720 (132072)	19.42	19.46	19.34	17.78
	1RB-Middle (50)	1770 (132572)	19.54	19.55	19.61	17.89
		1745 (132322)	19.42	19.30	19.43	17.78
		1720 (132072)	19.39	19.37	19.38	17.75
	1RB-Low (0)	1770 (132572)	19.52	19.61	19.41	17.87
		1745 (132322)	19.39	19.36	19.40	17.75
		1720 (132072)	19.45	19.34	19.54	17.80
	50RB-High (50)	1770 (132572)	19.50	19.56	19.50	17.96
		1745 (132322)	19.37	19.27	19.27	17.84
		1720 (132072)	19.35	19.41	19.31	17.82
	50RB-Middle (25)	1770 (132572)	19.47	19.35	19.47	17.93
		1745 (132322)	19.39	19.28	19.35	17.85
		1720 (132072)	19.38	19.47	19.39	17.84
	50RB-Low (0)	1770 (132572)	19.45	19.56	19.43	17.91
		1745 (132322)	19.37	19.31	19.45	17.84
		1720 (132072)	19.27	19.26	19.36	17.74
	100RB (0)	1770 (132572)	19.39	19.26	19.44	17.85
		1745 (132322)	19.38	19.47	19.51	17.84
		1720 (132072)	19.33	19.42	19.44	17.80

SAR test is not required since maximum output power when downlink carrier aggregation active is not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive.

The conducted power measurement results of LTE downlink CA are as below：

DL LTE CA Class	PCC								SCC			Power		
	PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC DL RB size	PCC DL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTETx Power (dBm)	Rel 10 DL LTE CA Tx Power(dBm)	Tune-up
2A-2A	2	20	1	99	100	0	19100	1100	2	20	700	23.66	23.68	25
2A-5A	2	20	1	50	100	0	18700	700	5	10	2525	23.76	23.8	25
2A-5A	5	10	1	49	50	0	20450	2450	2	20	900	23.85	23.83	25.5
2A-7A	2	20	1	50	100	0	18700	700	7	20	3100	23.66	23.6	25
2A-7A	7	20	1	50	100	0	21350	3350	2	20	900	23.82	23.77	25
2A-12A	2	20	1	50	100	0	18700	700	12	10	5095	23.76	23.64	25
2A-12A	12	10	1	0	50	0	23130	5130	2	20	900	23.97	24.05	25.5
2A-13A	2	20	1	50	100	0	18700	700	13	10	5230	23.76	23.72	25
2A-13A	13	10	1	49	50	0	23230	5230	2	20	900	24.05	24.1	25.5
2A-38A	2	20	1	50	100	0	18700	700	38	20	2595	23.76	23.77	25
2A-66A	2	20	1	50	100	0	18700	700	66	20	66786	23.76	23.81	25
2A-66A	66	20	1	0	100	0	132072	66536	2	20	900	23.76	23.82	25
2C	2	20	1	99	100	0	19100	1100	2	20	902	23.66	23.61	25
4A-4A	4	20	1	0	100	0	20300	2300	4	20	2050	23.66	23.65	25
4A-5A	4	20	1	99	100	0	20050	2050	5	10	2525	23.7	23.59	25
4A-5A	5	10	1	49	50	0	20450	2450	4	20	2175	23.85	23.94	25.5
4A-7A	4	20	1	99	100	0	20050	2050	7	20	3100	23.7	23.8	25
4A-7A	7	20	1	50	100	0	21350	3350	4	20	2175	23.82	23.79	25
4A-12A	4	20	1	99	100	0	20050	2050	12	10	5095	23.7	23.76	25
4A-12A	12	10	1	0	50	0	23130	5130	4	20	2175	23.97	23.87	25.5
4A-13A	4	20	1	99	100	0	20050	2050	13	10	5230	23.7	23.58	25
4A-13A	13	10	1	49	50	0	23230	5230	4	20	2175	24.05	23.97	25.5
5A-7A	5	10	1	49	50	0	20450	2450	7	20	3100	23.85	23.84	25.5
5A-7A	7	20	1	50	100	0	21350	3350	5	10	2525	23.82	23.8	25
5A-38A	5	10	1	49	50	0	20450	2450	38	20	2595	23.85	23.92	25.5
5A-41A	5	10	1	49	50	0	20450	2450	41	20	40620	23.85	23.77	25.5
5A-66A	5	10	1	49	50	0	20450	2450	66	20	66786	23.85	23.7	25.5
5A-66A	66	20	1	0	100	0	132072	66536	5	10	2525	23.76	23.8	25
7A-7A	7	20	1	99	100	0	20850	2850	7	20	3350	23.31	23.25	25
7A-26A	7	20	1	50	100	0	21350	3350	26	15	8865	23.82	23.82	25
7A-26A	26	15	1	37	75	0	26865	8865	7	20	3100	23.74	23.77	25.5
7A-66A	7	20	1	50	100	0	21350	3350	66	20	66786	23.82	23.76	25
7A-66A	66	20	1	0	100	0	132072	66536	7	20	3100	23.76	23.74	25
12A-66A	12	10	1	0	50	0	23130	5130	66	20	66786	23.97	23.98	25.5
12A-66A	66	20	1	0	100	0	132072	66536	12	10	5095	23.76	23.69	25
26A-41A	26	15	1	37	75	0	26865	8865	41	20	40620	23.74	23.61	25.5
41A-41A	41	20	1	0	100	0	41490	41490	41	20	39750	23.43	23.53	25

41C	41	20	1	0	100	0	41490	41490	41	20	41292	23.43	23.44	25
66A-66A	66	20	1	0	100	0	132072	66536	66	20	67036	23.76	23.62	25
66B	66	10	1	24	50	0	132622	67086	66	10	67185	23.61	23.64	25
66C	66	20	1	50	100	0	132323	66787	66	20	66985	23.71	23.61	25

The conducted power measurement results of LTE uplink CA are as below：

CA_7C

UL LTE CA Class	PCC					SCC				
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	Conducted Power(dBm)
CA_7C	20M	21350	3350	1	99	20M	3152	1	0	18.93
CA_7C	20M	21350	3350	1	99	15M	3179	1	0	18.94
CA_7C	20M	21350	3350	1	99	10M	3206	1	0	18.91
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	23.38
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	23.35
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	23.37
CA_7C	15M	21375	3375	1	74	15M	3225	1	0	18.98
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	23.37
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	23.42
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	23.55
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	23.51
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	23.53
CA_7C	20M	20850	2850	1	0	20M	3048	1	99	14.57
CA_7C	20M	20850	2850	1	0	15M	3021	1	74	14.56
CA_7C	20M	20850	2850	1	0	10M	2994	1	49	14.52
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	23.44
CA_7C	15M	20825	2825	1	0	15M	2975	1	74	14.61
CA_7C	15M	20825	2825	1	0	10M	2945	1	49	14.62

CA_38C

UL LTE CA Class	PCC				SCC				
	PCC Bandwidth	channel	RB	RB OFFSET	SCC Bandwidth	channel	RB	RB OFFSET	Conducted Power(dBm)
CA_38C	20M	38150	1	99	20M	37952	1	0	18.9
CA_38C	20M	37850	1	99	20M	38048	1	0	23.58
CA_38C	15M	38175	1	74	15M	38025	1	0	18.87
CA_38C	15M	37825	1	74	15M	37975	1	0	23.3
CA_38C	20M	38150	1	0	20M	37952	1	99	23.53
CA_38C	20M	37850	1	0	20M	38048	1	99	14.79
CA_38C	15M	38175	1	0	15M	38025	1	74	23.45
CA_38C	15M	37825	1	0	15M	37975	1	74	14.8

11.4 Wi-Fi and BT Measurement result

The maximum output power of BT antenna is 9.89dBm.
The maximum tune up of BT antenna is 12dBm.

GFSK			EDR2M-4_DQPSK			EDR3M-8DPSK		
Channel 0	Channel 39	Channel 78	Channel 0	Channel 39	Channel 78	Channel 0	Channel 39	Channel 78
8.98	9.26	9.89	8.16	8.19	9.11	8.11	8.15	9.05

Table 11.4: Summary of Receiver detection mechanism-WIFI antenna

Antenna	Receiver off+ Sensor off	Receiver on+ Sensor on/off	Receiver off + Sensor on, Receiver off + Hotspot on
WIFI Antenna	Power Level A1	Power Level B1	Power Level C1

Wi-Fi 2.4G –Power Level A1

802.11b		
Channel\data rate	1Mbps	Tune up
11(2462MHz)	18.22	19.00
6(2437(MHz)	18.01	19.00
1(2412MHz)	17.88	19.00
802.11g		
Channel\data rate	6Mbps	Tune up
11(2462MHz)	13.52	14.50
10(2457MHz)	16.97	18.00
6(2437(MHz)	16.74	18.00
1(2412MHz)	16.73	18.00
802.11n-20MHz		
Channel\data rate	MCS0	Tune up
11(2462MHz)	13.79	15.00
10(2457MHz)	16.72	18.00
6(2437(MHz)	16.55	18.00
2(2417MHz)	16.58	18.00
1(2412MHz)	15.57	17.00
802.11n-40MHz		
Channel\data rate	MCS0	Tune up
9(2452MHz)	11.97	13.00
8(2447MHz)	15.98	17.00
6(2437MHz)	15.80	17.00
4(2427MHz)	15.81	17.00
3(2422MHz)	14.33	15.50

Wi-Fi 2.4G –Power Level B1

802.11b		
Channel\data rate	1Mbps	Tune up
11(2462MHz)	11.62	12.00
6(2437(MHz)	11.35	12.00
1(2412MHz)	11.30	12.00
802.11g		
Channel\data rate	6Mbps	Tune up
11(2462MHz)	11.55	12.00
6(2437(MHz)	11.25	12.00
1(2412MHz)	11.24	12.00
802.11n-20MHz		
11(2462MHz)	11.37	12.00
6(2437(MHz)	11.14	12.00
1(2412MHz)	11.16	12.00
802.11n-40MHz		
Channel\data rate	MCS0	Tune up
9(2452MHz)	11.24	12.00
6(2437MHz)	11.27	12.00
3(2422MHz)	11.23	12.00

Wi-Fi 2.4G –Power Level C1

802.11b		
Channel\data rate	1Mbps	Tune up
11(2462MHz)	14.41	15.00
6(2437(MHz)	14.22	15.00
1(2412MHz)	14.02	15.00
802.11g		
Channel\data rate	6Mbps	Tune up
11(2462MHz)	13.77	14.50
10(2457MHz)	14.34	15.00
6(2437(MHz)	14.10	15.00
1(2412MHz)	14.04	15.00
802.11n-20MHz		
11(2462MHz)	14.11	15.00
6(2437(MHz)	11.03	15.00
1(2412MHz)	13.95	15.00
802.11n-40MHz		
Channel\data rate	MCS0	Tune up
9(2452MHz)	12.19	13.00
8(2447MHz)	14.35	15.00
6(2437MHz)	14.11	15.00
3(2422MHz)	14.13	15.00

Wi-Fi 5G –Power Level A1

802.11a(dBm)		
Channel\data rate	6Mbps	Tune up
36(5180 MHz)	16.12	18.00
40(5200 MHz)	16.84	18.00
44(5220 MHz)	16.80	18.00
48(5240 MHz)	16.93	18.00
52(5260 MHz)	17.25	18.00
56(5280 MHz)	17.20	18.00
60(5300 MHz)	17.12	18.00
64(5320 MHz)	16.41	18.00
100(5500 MHz)	14.70	16.00
104(5520 MHz)	16.10	18.00
108(5540 MHz)	16.41	18.00
112(5560 MHz)	16.77	18.00
116(5580 MHz)	16.43	18.00
120(5600 MHz)	16.53	18.00
124(5620 MHz)	16.52	18.00
128(5640 MHz)	16.50	18.00
132(5660 MHz)	16.08	18.00
136(5680 MHz)	16.40	18.00
140(5700 MHz)	12.88	14.50
144(5720 MHz)	16.42	18.00
149(5745 MHz)	16.47	18.00
153(5765 MHz)	16.25	18.00
157(5785 MHz)	16.41	18.00
161(5805 MHz)	16.43	18.00
165(5825 MHz)	16.36	18.00

802.11n(dBm)-20MHz		
Channel\data rate	MCS0	Tune up
36(5180 MHz)	16.65	18.00
40(5200 MHz)	16.74	18.00
44(5220 MHz)	16.82	18.00
48(5240 MHz)	16.70	18.00
52(5260 MHz)	17.11	18.00
56(5280 MHz)	17.04	18.00
60(5300 MHz)	16.96	18.00
64(5320 MHz)	16.34	18.00
100(5500 MHz)	14.84	16.00
104(5520 MHz)	16.97	18.00
108(5540 MHz)	16.33	18.00
112(5560 MHz)	16.47	18.00
116(5580 MHz)	16.77	18.00
120(5600 MHz)	16.73	18.00
124(5620 MHz)	16.77	18.00
128(5640 MHz)	16.82	18.00
132(5660 MHz)	16.35	18.00
136(5680 MHz)	16.27	18.00
140(5700 MHz)	12.78	14.50
144(5720 MHz)	16.23	18.00
149(5745 MHz)	16.18	18.00
153(5765 MHz)	16.24	18.00
157(5785 MHz)	16.14	18.00
161(5805 MHz)	16.17	18.00
165(5825 MHz)	16.18	18.00

802.11ac(dBm)-20MHz		
Channel\data rate	MCS0	Tune up
36(5180 MHz)	16.68	18.00
40(5200 MHz)	16.28	18.00
44(5220 MHz)	16.30	18.00
48(5240 MHz)	16.71	18.00
52(5260 MHz)	17.25	18.00
56(5280 MHz)	17.11	18.00
60(5300 MHz)	17.07	18.00
64(5320 MHz)	16.83	18.00
100(5500 MHz)	16.37	17.50
104(5520 MHz)	16.89	18.00
108(5540 MHz)	17.05	18.00
112(5560 MHz)	17.19	18.00
116(5580 MHz)	17.30	18.00
120(5600 MHz)	17.33	18.00
124(5620 MHz)	17.40	18.00
128(5640 MHz)	17.44	18.00
132(5660 MHz)	17.12	18.00
136(5680 MHz)	16.94	18.00
140(5700 MHz)	14.75	16.00
144(5720 MHz)	16.62	18.00
149(5745 MHz)	16.53	18.00
153(5765 MHz)	16.73	18.00
157(5785 MHz)	16.68	18.00
161(5805 MHz)	16.65	18.00
165(5825 MHz)	16.67	18.00

802.11n(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	14.28	16.00
46(5230 MHz)	16.61	18.00
54(5270 MHz)	16.60	18.00
62(5310 MHz)	16.27	17.50
102(5510 MHz)	11.75	13.50
110(5550 MHz)	16.06	18.00
118(5590 MHz)	16.22	18.00
126(5630 MHz)	16.23	18.00
134(5670 MHz)	16.84	18.00
142(5710 MHz)	16.88	18.00
151(5755 MHz)	16.51	18.00
159(5795 MHz)	16.54	18.00

802.11ac(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	14.18	16.00
46(5230 MHz)	16.67	18.00
54(5270 MHz)	17.00	18.00
62(5310 MHz)	15.44	16.50
102(5510 MHz)	12.72	14.00
110(5550 MHz)	17.11	18.00
118(5590 MHz)	17.29	18.00
126(5630 MHz)	17.33	18.00
134(5670 MHz)	16.47	17.50
142(5710 MHz)	16.84	18.00
151(5755 MHz)	16.50	18.00
159(5795 MHz)	16.53	18.00

802.11ac(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	14.78	16.50
58(5290 MHz)	14.85	16.00
106(5530 MHz)	11.05	12.50
122(5610 MHz)	17.11	18.00
138(5690 MHz)	16.68	18.00
155(5775 MHz)	16.20	18.00

Wi-Fi 5G –Power Level B1

802.11a(dBm)		
Channel\data rate	6Mbps	Tune up
36(5180 MHz)	9.13	10.50
40(5200 MHz)	9.12	10.50
44(5220 MHz)	9.15	10.50
48(5240 MHz)	9.17	10.50
52(5260 MHz)	9.77	10.50
56(5280 MHz)	9.71	10.50
60(5300 MHz)	9.50	10.50
64(5320 MHz)	9.33	10.50
100(5500 MHz)	9.47	10.50
104(5520 MHz)	9.57	10.50
108(5540 MHz)	9.70	10.50
112(5560 MHz)	9.41	10.50
116(5580 MHz)	9.72	10.50
120(5600 MHz)	10.35	10.50
124(5620 MHz)	10.23	10.50
128(5640 MHz)	10.13	10.50
132(5660 MHz)	9.54	10.50
136(5680 MHz)	9.55	10.50
140(5700 MHz)	9.64	10.50
144(5720 MHz)	9.52	10.50
149(5745 MHz)	8.96	10.50
153(5765 MHz)	8.86	10.50
157(5785 MHz)	9.07	10.50
161(5805 MHz)	9.04	10.50
165(5825 MHz)	8.62	10.50

802.11n(dBm)-20MHz		
Channel\data rate	MCS0	Tune up
36(5180 MHz)	8.95	10.50
40(5200 MHz)	8.52	10.50
44(5220 MHz)	8.63	10.50
48(5240 MHz)	8.61	10.50
52(5260 MHz)	9.60	10.50
56(5280 MHz)	9.49	10.50
60(5300 MHz)	9.45	10.50
64(5320 MHz)	9.23	10.50
100(5500 MHz)	9.25	10.50
104(5520 MHz)	9.44	10.50
108(5540 MHz)	9.60	10.50
112(5560 MHz)	9.73	10.50
116(5580 MHz)	9.93	10.50
120(5600 MHz)	9.82	10.50
124(5620 MHz)	9.96	10.50
128(5640 MHz)	9.90	10.50
132(5660 MHz)	9.40	10.50
136(5680 MHz)	8.85	10.50
140(5700 MHz)	9.53	10.50
144(5720 MHz)	9.31	10.50
149(5745 MHz)	8.85	10.50
153(5765 MHz)	8.96	10.50
157(5785 MHz)	8.95	10.50
161(5805 MHz)	8.94	10.50
165(5825 MHz)	9.06	10.50

802.11ac(dBm)-20MHz		
Channel\data rate	MCS0	Tune up
36(5180 MHz)	9.10	10.50
40(5200 MHz)	9.00	10.50
44(5220 MHz)	9.04	10.50
48(5240 MHz)	9.11	10.50
52(5260 MHz)	9.58	10.50
56(5280 MHz)	9.60	10.50
60(5300 MHz)	9.45	10.50
64(5320 MHz)	9.25	10.50
100(5500 MHz)	9.22	10.50
104(5520 MHz)	9.37	10.50
108(5540 MHz)	9.00	10.50
112(5560 MHz)	9.77	10.50
116(5580 MHz)	9.94	10.50
120(5600 MHz)	9.89	10.50
124(5620 MHz)	9.99	10.50
128(5640 MHz)	9.94	10.50
132(5660 MHz)	9.46	10.50
136(5680 MHz)	9.43	10.50
140(5700 MHz)	9.52	10.50
144(5720 MHz)	9.48	10.50
149(5745 MHz)	8.91	10.50
153(5765 MHz)	8.88	10.50
157(5785 MHz)	8.92	10.50
161(5805 MHz)	8.95	10.50
165(5825 MHz)	8.96	10.50

802.11n(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	9.05	10.50
46(5230 MHz)	9.01	10.50
54(5270 MHz)	9.63	10.50
62(5310 MHz)	9.37	10.50
102(5510 MHz)	9.15	10.50
110(5550 MHz)	9.77	10.50
118(5590 MHz)	10.02	10.50
126(5630 MHz)	10.00	10.50
134(5670 MHz)	9.41	10.50
142(5710 MHz)	9.39	10.50
151(5755 MHz)	8.94	10.50
159(5795 MHz)	9.03	10.50

802.11ac(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	9.02	10.50
46(5230 MHz)	9.14	10.50
54(5270 MHz)	9.55	10.50
62(5310 MHz)	9.45	10.50
102(5510 MHz)	9.31	10.50
110(5550 MHz)	9.71	10.50
118(5590 MHz)	9.88	10.50
126(5630 MHz)	9.95	10.50
134(5670 MHz)	9.38	10.50
142(5710 MHz)	9.36	10.50
151(5755 MHz)	9.00	10.50
159(5795 MHz)	8.90	10.50

802.11ac(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	8.73	10.50
58(5290 MHz)	9.44	10.50
106(5530 MHz)	9.12	10.50
122(5610 MHz)	9.50	10.50
138(5690 MHz)	8.93	10.50
155(5775 MHz)	8.74	10.50

Wi-Fi 5G –Power Level C1

802.11a(dBm)		
Channel\data rate	6Mbps	Tune up
36(5180 MHz)	10.73	12.00
40(5200 MHz)	10.83	12.00
44(5220 MHz)	10.90	12.00
48(5240 MHz)	10.75	12.00
52(5260 MHz)	11.23	12.00
56(5280 MHz)	11.22	12.00
60(5300 MHz)	11.11	12.00
64(5320 MHz)	10.90	12.00
100(5500 MHz)	11.01	12.00
104(5520 MHz)	10.90	12.00
108(5540 MHz)	11.19	12.00
112(5560 MHz)	10.86	12.00
116(5580 MHz)	11.02	12.00
120(5600 MHz)	11.62	12.00
124(5620 MHz)	11.67	12.00
128(5640 MHz)	11.71	12.00
132(5660 MHz)	11.10	12.00
136(5680 MHz)	11.16	12.00
140(5700 MHz)	11.20	12.00
144(5720 MHz)	11.10	12.00
149(5745 MHz)	10.42	12.00
153(5765 MHz)	10.50	12.00
157(5785 MHz)	10.52	12.00
161(5805 MHz)	10.70	12.00
165(5825 MHz)	10.21	12.00

802.11n(dBm)-20MHz		
Channel\data rate	MCS0	Tune up
36(5180 MHz)	10.62	12.00
40(5200 MHz)	10.13	12.00
44(5220 MHz)	10.17	12.00
48(5240 MHz)	10.12	12.00
52(5260 MHz)	11.00	12.00
56(5280 MHz)	11.06	12.00
60(5300 MHz)	11.07	12.00
64(5320 MHz)	10.82	12.00
100(5500 MHz)	10.93	12.00
104(5520 MHz)	10.93	12.00
108(5540 MHz)	11.10	12.00
112(5560 MHz)	11.33	12.00
116(5580 MHz)	11.49	12.00
120(5600 MHz)	11.53	12.00
124(5620 MHz)	11.61	12.00
128(5640 MHz)	11.70	12.00
132(5660 MHz)	10.94	12.00
136(5680 MHz)	11.07	12.00
140(5700 MHz)	11.06	12.00
144(5720 MHz)	11.00	12.00
149(5745 MHz)	10.43	12.00
153(5765 MHz)	10.52	12.00
157(5785 MHz)	10.55	12.00
161(5805 MHz)	10.51	12.00
165(5825 MHz)	10.66	12.00

802.11ac(dBm)-20MHz		
Channel\data rate	MCS0	Tune up
36(5180 MHz)	10.57	12.00
40(5200 MHz)	10.63	12.00
44(5220 MHz)	10.61	12.00
48(5240 MHz)	10.71	12.00
52(5260 MHz)	11.21	12.00
56(5280 MHz)	11.17	12.00
60(5300 MHz)	10.98	12.00
64(5320 MHz)	10.84	12.00
100(5500 MHz)	10.22	12.00
104(5520 MHz)	10.67	12.00
108(5540 MHz)	10.60	12.00
112(5560 MHz)	11.17	12.00
116(5580 MHz)	11.34	12.00
120(5600 MHz)	11.52	12.00
124(5620 MHz)	11.50	12.00
128(5640 MHz)	11.62	12.00
132(5660 MHz)	11.04	12.00
136(5680 MHz)	11.01	12.00
140(5700 MHz)	11.03	12.00
144(5720 MHz)	10.95	12.00
149(5745 MHz)	10.47	12.00
153(5765 MHz)	10.54	12.00
157(5785 MHz)	10.51	12.00
161(5805 MHz)	10.62	12.00
165(5825 MHz)	10.58	12.00

802.11n(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	10.51	12.00
46(5230 MHz)	10.58	12.00
54(5270 MHz)	11.16	12.00
62(5310 MHz)	10.91	12.00
102(5510 MHz)	10.89	12.00
110(5550 MHz)	11.28	12.00
118(5590 MHz)	11.56	12.00
126(5630 MHz)	11.55	12.00
134(5670 MHz)	10.95	12.00
142(5710 MHz)	11.06	12.00
151(5755 MHz)	10.53	12.00
159(5795 MHz)	10.56	12.00

802.11ac(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	10.45	12.00
46(5230 MHz)	10.66	12.00
54(5270 MHz)	11.09	12.00
62(5310 MHz)	10.92	12.00
102(5510 MHz)	10.93	12.00
110(5550 MHz)	11.26	12.00
118(5590 MHz)	11.42	12.00
126(5630 MHz)	11.44	12.00
134(5670 MHz)	10.92	12.00
142(5710 MHz)	10.96	12.00
151(5755 MHz)	10.58	12.00
159(5795 MHz)	10.10	12.00

802.11ac(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	10.33	12.00
58(5290 MHz)	10.74	12.00
106(5530 MHz)	10.74	12.00
122(5610 MHz)	11.11	12.00
138(5690 MHz)	10.45	12.00
155(5775 MHz)	10.45	12.00

11.5 5G NR Measurement result

Band	ANT	Tune up (dBm)				
		Receiver off+ Sensor off	Single Band + WIFI		ENDC + WIFI	
			Receiver on+ Sensor on/off	Receiver off + Sensor on, Receiver off + Hotspot on	Receiver on+ Sensor on/off	Receiver off + Sensor on, Receiver off + Hotspot on
		Power Level A1	Power Level B1	Power Level C1	Power Level D1	Power Level E1
n5	0	25.5	25.5	22.5	25.5	19
n7	1	25	25	17	23.5	14
n7	2	24.5	N/A	N/A	22.5	15
n41	1	25	25	18	23	14
n41	2	24.5	N/A	N/A	22	16
n66	0	25	25	18	25	15.5
n66	2	24.5	N/A	N/A	24.5	20.5
n78	5	24.5	19.5	17.5	17.5	15.5

n5 ANT0 – Power Level A1/B1/D1

No.	Test Freq Description	5G-n5								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	25.50	23.77
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	25.50	23.84
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	25.50	23.80
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	25.50	23.76
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	25.50	23.81
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	25.50	23.83

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

No.	Test Freq Description	5G-n5								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	836.5	167300	25.50	23.82
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	24.50	22.81
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	23.00	21.31
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	21.00	19.35
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	24.00	22.31
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	23.50	21.88
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	22.00	20.35
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	19.00	17.25
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	24.50	22.81
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	24.50	22.85
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	24.50	22.73
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	24.50	22.71
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	25.50	23.70
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	25.50	23.75
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	24.50	22.83
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	25.50	23.78
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	25.50	23.79

n5 ANT0 – Power Level C1

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	22.50	21.64
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	22.50	21.66
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	22.50	21.64
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	22.50	21.63
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	22.50	21.61
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	22.50	21.62

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	22.50	21.49
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	22.50	21.45
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	22.50	21.44
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	21.00	19.20
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	22.50	21.34
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	22.50	21.33
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	22.00	21.33
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	19.00	17.08
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	22.50	21.35
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	22.50	21.32
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	22.50	21.45
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	22.50	21.39
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	22.50	21.51
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	22.50	21.30
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	22.50	21.34
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	22.50	21.42
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	22.50	21.43

n5 ANT0 – Power Level E1

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	19.00	18.34
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	19.00	18.35
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	19.00	18.31
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	19.00	18.28
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	19.00	18.34
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	19.00	18.33

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	19.00	18.11
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	19.00	18.14
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	19.00	18.12
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	19.00	18.20
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	19.00	18.16
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	19.00	18.16
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	19.00	18.25
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	19.00	18.16
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	19.00	18.16
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	19.00	18.22
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	19.00	18.15
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	19.00	18.12
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	19.00	18.12
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	19.00	18.16
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	19.00	18.15
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	19.00	18.17
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	19.00	18.11

n7 ANT1 – Power Level A1/B1

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	25	23.46
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	25	23.53
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	25	23.44
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	25	23.41
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	25	23.51
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	25	23.47

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	25	23.46
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	24	22.57
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	22.5	21.04
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	20.5	19.06
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	23.5	22.05
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	23	21.62
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	21.5	20.07
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	18.5	16.99
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	24	22.55
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	24	22.53
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	24	22.50
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	24	22.52
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	25	23.42
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	25	23.41
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	24	22.60
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	25	23.45
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	25	23.45

n7 ANT1 – Power Level C1

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	17	15.62
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	17	15.66
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	17	15.63
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	17	15.63
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	17	15.63
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	17	15.62

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	17	15.61
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	17	15.39
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	17	15.49
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	17	15.55
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	17	15.45
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	17	15.40
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	17	15.38
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	17	15.39
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	17	15.59
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	17	15.39
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	17	15.57
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	17	15.46
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	17	15.60
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	17	15.59
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	17	15.49
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	17	15.47
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	17	15.37

n7 ANT1 – Power Level D1

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	23.5	22.00
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	23.5	22.01
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	23.5	21.94
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	23.5	21.89
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	23.5	21.98
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	23.5	21.97

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	23.5	21.75
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	23.5	21.77
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	22.5	21.02
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	20.5	19.03
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	23.5	21.83
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	23	21.66
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	21.5	20.05
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	18.5	16.97
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	23.5	21.79
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	23.5	21.77
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	23.5	21.82
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	23.5	21.85
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	23.5	21.78
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	23.5	21.81
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	23.5	21.76
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	23.5	21.75
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	23.5	21.83

n7 ANT1 – Power Level E1

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	14	12.61
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	14	12.64
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	14	12.59
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	14	12.57
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	14	12.61
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	14	12.58

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	14	12.60
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	14	12.40
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	14	12.45
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	14	12.56
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	14	12.48
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	14	12.35
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	14	12.40
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	14	12.42
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	14	12.59
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	14	12.43
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	14	12.61
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	14	12.43
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	14	12.59
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	14	12.55
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	14	12.45
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	14	12.45
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	14	12.40

n7 ANT2 – Power Level A1

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	24.5	23.11
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	24.5	23.20
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	24.5	23.08
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	24.5	22.97
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	24.5	23.01
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	24.5	23.07

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	24.5	23.17
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	23.5	22.10
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	22	20.57
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	20	18.61
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	23	21.57
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	22.5	21.16
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	21	19.61
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	18	16.58
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	23.5	22.05
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	23.5	22.03
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	23.5	21.88
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	23.5	22.00
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	24.5	22.95
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	24.5	22.99
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	23.5	22.09
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	24.5	22.97
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	24.5	23.03

n7 ANT2 – Power Level D1

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	22.5	21.00
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	22.5	21.06
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	22.5	20.99
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	22.5	20.82
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	22.5	20.91
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	22.5	20.99

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	22.5	20.96
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	22.5	20.94
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	22	20.53
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	20	18.65
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	22.5	20.83
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	22.5	20.91
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	21	19.56
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	18	16.53
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	22.5	20.93
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	22.5	20.94
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	22.5	20.95
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	22.5	20.90
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	22.5	20.84
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	22.5	20.92
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	22.5	20.84
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	22.5	20.90
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	22.5	20.89

n7 ANT2 – Power Level E1

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	16	14.53
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	16	14.65
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	16	14.51
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	16	14.47
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	16	14.45
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	16	14.47

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	16	14.40
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	16	14.37
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	16	14.34
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	16	14.33
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	16	14.48
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	16	14.40
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	16	14.45
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	16	14.33
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	16	14.48
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	16	14.46
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	16	14.36
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	16	14.31
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	16	14.40
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	16	14.42
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	16	14.49
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	16	14.43
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	16	14.37

n41 ANT1 – Power Level A1/B1

No.	Test Freq Description	5G-n41							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	24.5	23.30
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	24.5	23.33
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	24.5	23.42
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	24.5	23.30
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	24.5	23.29
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	24.5	23.34
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	24.5	23.39
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	24.5	23.41
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	24.5	23.37
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	24.5	23.41

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

No.	Test Freq Description	5G-n41							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	24.5	23.10
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	23.5	22.08
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	22	20.58
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	20	18.60
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	23	21.49
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	22.5	21.05
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	21	19.44
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18	16.43
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	23.5	22.06
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	23.5	22.10
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	23.5	22.03
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	23.5	21.99
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	24.5	22.95
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	24.5	23.00
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	23.5	22.05
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	24.5	23.12
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	24.5	23.06
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	24.5	23.08
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	24.5	23.15
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	24.5	23.17
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	24.5	23.19
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	24.5	23.20
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	24.5	23.22
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	24.5	23.24

n41 ANT1 – Power Level C1

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	18	16.63
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	18	16.61
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	18	16.76
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	18	16.73
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	18	16.66
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	18	16.58
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	18	16.63
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	18	16.71
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	18	16.74
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	18	16.71

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	18	16.63
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	18	16.54
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	18	16.57
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18	16.55
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	18	16.59
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	18	16.70
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	18	16.64
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18	16.52
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	18	16.62
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	18	16.68
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	18	16.68
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	18	16.55
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	18	16.61
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	18	16.68
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	18	16.55
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	18	16.53
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	18	16.56
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	18	16.63
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	18	16.54
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	18	16.50
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	18	16.54
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	18	16.59
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	18	16.69
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	18	16.54

n41 ANT1 – Power Level D1

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	23	21.44
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	23	21.42
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	23	21.51
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	23	21.48
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	23	21.50
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	23	21.34
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	23	21.38
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	23	21.38
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	23	21.42
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	23	21.41

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	23	21.35
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	23	21.40
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	22.5	20.99
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	20.5	19.01
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	23	21.43
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	23	21.46
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	21.5	19.92
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18.5	16.87
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	23	21.37
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	23	21.37
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	23	21.39
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	23	21.38
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	23	21.45
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	23	21.39
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	23	21.43
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	23	21.39
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	23	21.38
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	23	21.36
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	23	21.42
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	23	21.45
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	23	21.40
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	23	21.38
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	23	21.41
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	23	21.38

n41 ANT1 – Power Level E1

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	12.65
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	14	12.56
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	14	12.81
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	14	12.73
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	14	12.69
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	14	12.62
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	14	12.59
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	14	12.69
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	14	12.71
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	14	12.68

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	12.63
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	14	12.49
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	14	12.58
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	14	12.57
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	14	12.62
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	14	12.72
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	14	12.66
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	14	12.49
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	14	12.59
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	14	12.65
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	14	12.64
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	14	12.54
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	14	12.57
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	14	12.69
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	14	12.55
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	14	12.53
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	14	12.53
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	14	12.61
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	14	12.57
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	14	12.52
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	14	12.53
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	14	12.64
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	14	12.73
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	14	12.55

n41 ANT2 – Power Level A1

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	24.5	23.30
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	24.5	23.33
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	24.5	23.42
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	24.5	23.30
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	24.5	23.29
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	24.5	23.34
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	24.5	23.39
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	24.5	23.41
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	24.5	23.37
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	24.5	23.41

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	24.5	23.10
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	23.5	22.08
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	22	20.58
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	20	18.60
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	23	21.49
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	22.5	21.05
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	21	19.44
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18	16.43
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	23.5	22.06
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	23.5	22.10
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	23.5	22.03
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	23.5	21.99
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	24.5	22.95
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	24.5	23.00
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	23.5	22.05
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	24.5	23.12
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	24.5	23.06
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	24.5	23.08
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	24.5	23.15
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	24.5	23.17
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	24.5	23.19
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	24.5	23.20
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	24.5	23.22
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	24.5	23.24

n41 ANT2 – Power Level D1

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	22	20.55
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	22	20.58
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	22	20.72
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	22	20.60
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	22	20.57
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	22	20.62
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	22	20.65
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	22	20.71
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	22	20.65
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	22	20.71

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	22	20.55
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	22	20.62
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	22	20.54
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	20	18.62
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	22	20.55
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	22	20.58
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	21	19.36
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18	16.25
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	22	20.64
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	22	20.63
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	22	20.50
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	22	20.60
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	22	20.51
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	22	20.65
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	22	20.62
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	22	20.55
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	22	20.60
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	22	20.57
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	22	20.65
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	22	20.59
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	22	20.58
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	22	20.61
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	22	20.59
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	22	20.64

n41 ANT2 – Power Level E1

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	15	13.63
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	15	13.77
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	15	13.83
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	15	13.79
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	15	13.65
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	15	13.62
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	15	13.60
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	15	13.63
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	15	13.60
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	15	13.70

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	15	13.51
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	15	13.59
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	15	13.55
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	15	13.64
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	15	13.52
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	15	13.65
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	15	13.52
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	15	13.65
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	15	13.65
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	15	13.58
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	15	13.60
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	15	13.52
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	15	13.57
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	15	13.56
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	15	13.58
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	15	13.62
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	15	13.55
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	15	13.60
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	15	13.54
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	15	13.50
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	15	13.53
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	15	13.62
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	15	13.57
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	15	13.59

n66 ANT0 – Power Level A1/B1/D1

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	23.30
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745	349000	25	23.43
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	25	23.35
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1770	354000	25	23.34
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745	349000	25	23.40
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1720	344000	25	23.41
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	default	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	1745	349000	25	23.41
2	default	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	1745	349000	24	22.42
3	default	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	1745	349000	22.5	20.98
4	default	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	1745	349000	20.5	19.03
5	default	15	5	CP-OFDM QPSK	Inner_Full	12@6	1745	349000	23.5	21.89
6	default	15	5	CP-OFDM 16QAM	Inner_Full	12@6	1745	349000	23	21.59
7	default	15	5	CP-OFDM 64QAM	Inner_Full	12@6	1745	349000	21.5	20.04
8	default	15	5	CP-OFDM 256QAM	Inner_Full	12@6	1745	349000	18.5	16.95
9	default	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2@23	1745	349000	24	22.43
10	default	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745	349000	24	22.40
11	default	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1@23	1745	349000	25	23.30
12	default	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745	349000	25	23.31
13	default	15	5	DFT-s-OFDM QPSK	Outer_Full	25@0	1745	349000	24	22.40
14	default	15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745	342064	25	23.38
15	default	15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745	347578	25	23.41
16	default	15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745	346120	25	23.41
17	default	15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745	345112	25	23.40

n66 ANT0 – Power Level C1

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	18	16.55
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745	349000	18	16.59
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	18	16.53
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1770	354000	18	16.52
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745	349000	18	16.53
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1720	344000	18	16.56
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	default	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	1745	349000	18	16.50
2	default	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	1745	349000	18	16.55
3	default	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	1745	349000	18	16.44
4	default	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	1745	349000	18	16.50
5	default	15	5	CP-OFDM QPSK	Inner_Full	12@6	1745	349000	18	16.44
6	default	15	5	CP-OFDM 16QAM	Inner_Full	12@6	1745	349000	18	16.48
7	default	15	5	CP-OFDM 64QAM	Inner_Full	12@6	1745	349000	18	16.39
8	default	15	5	CP-OFDM 256QAM	Inner_Full	12@6	1745	349000	18	16.47
9	default	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2@23	1745	349000	18	16.51
10	default	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745	349000	18	16.42
11	default	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1@23	1745	349000	18	16.42
12	default	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745	349000	18	16.41
13	default	15	5	DFT-s-OFDM QPSK	Outer_Full	25@0	1745	349000	18	16.41
14	default	15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745	342064	18	16.54
15	default	15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745	347578	18	16.42
16	default	15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745	346120	18	16.42
17	default	15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745	345112	18	16.45

n66 ANT0 – Power Level E1

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	15.5	14.02
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745	349000	15.5	14.13
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	15.5	14.04
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1770	354000	15.5	14.07
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745	349000	15.5	14.03
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1720	344000	15.5	14.06
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	default	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	1745	349000	15.5	14.00
2	default	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	1745	349000	15.5	14.09
3	default	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	1745	349000	15.5	13.98
4	default	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	1745	349000	15.5	14.02
5	default	15	5	CP-OFDM QPSK	Inner_Full	12@6	1745	349000	15.5	13.94
6	default	15	5	CP-OFDM 16QAM	Inner_Full	12@6	1745	349000	15.5	13.95
7	default	15	5	CP-OFDM 64QAM	Inner_Full	12@6	1745	349000	15.5	13.94
8	default	15	5	CP-OFDM 256QAM	Inner_Full	12@6	1745	349000	15.5	14.02
9	default	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2@23	1745	349000	15.5	14.02
10	default	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745	349000	15.5	13.90
11	default	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1@23	1745	349000	15.5	13.93
12	default	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745	349000	15.5	13.96
13	default	15	5	DFT-s-OFDM QPSK	Outer_Full	25@0	1745	349000	15.5	13.87
14	default	15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745	342064	15.5	14.00
15	default	15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745	347578	15.5	13.92
16	default	15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745	346120	15.5	13.94
17	default	15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745	345112	15.5	13.90

n66 ANT2 – Power Level A1/D1

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	24.5	23.05
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745	349000	24.5	23.15
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	24.5	23.03
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1770	354000	24.5	23.11
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745	349000	24.5	23.13
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1720	344000	24.5	22.93
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	default	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	1745	349000	24.5	23.13
2	default	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	1745	349000	23.5	22.11
3	default	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	1745	349000	22	20.58
4	default	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	1745	349000	20	18.64
5	default	15	5	CP-OFDM QPSK	Inner_Full	12@6	1745	349000	23	21.60
6	default	15	5	CP-OFDM 16QAM	Inner_Full	12@6	1745	349000	22.5	21.14
7	default	15	5	CP-OFDM 64QAM	Inner_Full	12@6	1745	349000	21	19.62
8	default	15	5	CP-OFDM 256QAM	Inner_Full	12@6	1745	349000	18	16.53
9	default	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2@23	1745	349000	23.5	22.11
10	default	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745	349000	23.5	22.10
11	default	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1@23	1745	349000	23.5	22.98
12	default	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745	349000	23.5	23.02
13	default	15	5	DFT-s-OFDM QPSK	Outer_Full	25@0	1745	349000	24.5	23.10
14	default	15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745	342064	24.5	23.08
15	default	15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745	347578	24.5	23.11
16	default	15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745	346120	24.5	23.10
17	default	15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745	345112	24.5	23.09

n66 ANT2 – Power Level E1

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	20.5	19.58
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745	349000	20.5	19.65
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	20.5	19.55
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1770	354000	20.5	19.59
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745	349000	20.5	19.60
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1720	344000	20.5	19.38
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	default	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	1745	349000	20.5	19.44
2	default	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	1745	349000	20.5	19.53
3	default	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	1745	349000	20.5	19.51
4	default	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	1745	349000	20	18.61
5	default	15	5	CP-OFDM QPSK	Inner_Full	12@6	1745	349000	20.5	19.49
6	default	15	5	CP-OFDM 16QAM	Inner_Full	12@6	1745	349000	20.5	19.53
7	default	15	5	CP-OFDM 64QAM	Inner_Full	12@6	1745	349000	20.5	19.49
8	default	15	5	CP-OFDM 256QAM	Inner_Full	12@6	1745	349000	18	16.45
9	default	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2@23	1745	349000	20.5	19.42
10	default	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745	349000	20.5	19.40
11	default	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1@23	1745	349000	20.5	19.44
12	default	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745	349000	20.5	19.50
13	default	15	5	DFT-s-OFDM QPSK	Outer_Full	25@0	1745	349000	20.5	19.55
14	default	15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745	342064	20.5	19.49
15	default	15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745	347578	20.5	19.43
16	default	15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745	346120	20.5	19.48
17	default	15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745	345112	20.5	19.54

n78 ANT5 – Power Level A1

No.	Test Freq Description	5G-n78L							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	25	23.18
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	25	23.49
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	25	23.44
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	25	23.45
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	25	23.47

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

No.	Test Freq Description	5G-n78L							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3500.01	633334	25	23.30
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	24	22.41
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	22.5	20.91
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	20.5	19.01
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	23.5	21.87
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	23	21.43
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	21.5	19.80
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	18.5	16.84
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	24	22.36
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	24	22.42
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	24	22.33
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	24	22.43
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	25	23.36
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	25	23.39
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	24	22.48
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	25	23.42
18	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	25	23.44
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	25	23.30
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	25	23.36
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	25	23.40
22	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	25	23.46
23	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	25	23.48

No.	Test Freq Description	5G-n78H								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3795	653000	25	23.33
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3750	650000	25	23.61
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705	647000	25	23.56
4	Low/High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750	650000	25	23.46
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n78H								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	3750	650000	25	23.21
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner_Full	12@6	3750	650000	24	22.29
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner_Full	12@6	3750	650000	22.5	20.80
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner_Full	12@6	3750	650000	20.5	18.83
5	Middle-3	30	10	CP-OFDM QPSK	Inner_Full	12@6	3750	650000	23.5	21.71
6	Middle-3	30	10	CP-OFDM 16QAM	Inner_Full	12@6	3750	650000	23	21.24
7	Middle-3	30	10	CP-OFDM 64QAM	Inner_Full	12@6	3750	650000	21.5	19.72
8	Middle-3	30	10	CP-OFDM 256QAM	Inner_Full	12@6	3750	650000	18.5	16.60
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3750	650000	24	22.22
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1@23	3750	650000	24	22.24
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2@22	3750	650000	24	22.28
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3750	650000	24	22.29
13	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1@22	3750	650000	25	23.27
14	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3750	650000	25	23.25
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer_Full	24@0	3750	650000	24	22.26
16	Middle-1	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3750	650000	25	23.31
17	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3750	650000	25	23.24
18	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3750	650000	25	23.31
19	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3750	650000	25	23.26
20	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3750	650000	25	23.17
21	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3750	650000	25	23.42
22	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3750	650000	25	23.45

n78 ANT5 – Power Level B1

No.	Test Freq Description	5G-n78L							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	19.5	18.26
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	19.5	18.38
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	19.5	18.32
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	19.5	18.34
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	19.5	18.36

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

No.	Test Freq Description	5G-n78L							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3500.01	633334	19.5	18.17
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	19.5	18.20
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	19.5	18.21
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	19.5	18.16
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	19.5	18.15
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	19.5	18.16
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	19.5	18.11
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	18.5	16.76
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	19.5	18.10
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	19.5	18.19
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	19.5	18.20
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	19.5	18.16
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	19.5	18.27
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	19.5	18.11
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	19.5	18.18
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	19.5	18.29
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	19.5	18.29
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	19.5	18.15
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	19.5	18.18
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	19.5	18.20
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	19.5	18.24
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	19.5	18.29

No.	Test Freq Description	5G-n78H								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3795	653000	19.5	18.35
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3750	650000	19.5	18.38
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705	647000	19.5	18.37
4	Low/High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750	650000	19.5	18.20
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n78H								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	3750	650000	19.5	18.28
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner_Full	12@6	3750	650000	19.5	18.15
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner_Full	12@6	3750	650000	19.5	18.14
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner_Full	12@6	3750	650000	19.5	18.16
5	Middle-3	30	10	CP-OFDM QPSK	Inner_Full	12@6	3750	650000	19.5	18.14
6	Middle-3	30	10	CP-OFDM 16QAM	Inner_Full	12@6	3750	650000	19.5	18.29
7	Middle-3	30	10	CP-OFDM 64QAM	Inner_Full	12@6	3750	650000	19.5	18.18
8	Middle-3	30	10	CP-OFDM 256QAM	Inner_Full	12@6	3750	650000	18.5	16.86
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3750	650000	19.5	18.28
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1@23	3750	650000	19.5	18.17
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2@22	3750	650000	19.5	18.20
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3750	650000	19.5	18.18
13	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1@22	3750	650000	19.5	18.16
14	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3750	650000	19.5	18.25
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer_Full	24@0	3750	650000	19.5	18.16
16	Middle-1	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3750	650000	19.5	18.30
17	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3750	650000	19.5	18.16
18	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3750	650000	19.5	18.21
19	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3750	650000	19.5	18.13
20	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3750	650000	19.5	18.15
21	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3750	650000	19.5	18.12
22	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3750	650000	19.5	18.12

n78 ANT5 – Power Level C1/D1

No.	Test Freq Description	5G-n78L							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	17	16.34
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	17	16.37
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	17	16.35
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	17	16.33
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	17	16.31

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

No.	Test Freq Description	5G-n78L							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3500.01	633334	17	16.15
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	17	16.11
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	17	16.22
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	17	16.22
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	17	16.25
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	17	16.11
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	17	16.29
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	17	16.22
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	17	16.24
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	17	16.27
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	17	16.19
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	17	16.24
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	17	16.17
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	17	16.21
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	17	16.29
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	17	16.12
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	17	16.30
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	17	16.20
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	17	16.25
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	17	16.19
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	17	16.17
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	17	16.12

No.	Test Freq Description	5G-n78H								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3795	653000	17	16.39
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3750	650000	17	16.41
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705	647000	17	16.37
4	Low/High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750	650000	17	16.17
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n78H								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	3750	650000	17	16.21
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner_Full	12@6	3750	650000	17	16.25
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner_Full	12@6	3750	650000	17	16.28
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner_Full	12@6	3750	650000	17	16.24
5	Middle-3	30	10	CP-OFDM QPSK	Inner_Full	12@6	3750	650000	17	16.25
6	Middle-3	30	10	CP-OFDM 16QAM	Inner_Full	12@6	3750	650000	17	16.17
7	Middle-3	30	10	CP-OFDM 64QAM	Inner_Full	12@6	3750	650000	17	16.19
8	Middle-3	30	10	CP-OFDM 256QAM	Inner_Full	12@6	3750	650000	17	16.12
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3750	650000	17	16.24
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1@23	3750	650000	17	16.16
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2@22	3750	650000	17	16.24
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3750	650000	17	16.23
13	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1@22	3750	650000	17	16.24
14	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3750	650000	17	16.29
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer_Full	24@0	3750	650000	17	16.22
16	Middle-1	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3750	650000	17	16.25
17	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3750	650000	17	16.25
18	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3750	650000	17	16.12
19	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3750	650000	17	16.13
20	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3750	650000	17	16.30
21	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3750	650000	17	16.25
22	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3750	650000	17	16.16

n78 ANT5 – Power Level E1

No.	Test Freq Description	5G-n78L							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	15.5	14.32
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	15.5	14.41
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	15.5	14.38
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	15.5	14.30
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	15.5	14.33

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

No.	Test Freq Description	5G-n78L							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3500.01	633334	15.5	14.17
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	15.5	14.08
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	15.5	14.27
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	15.5	14.20
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	15.5	14.23
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	15.5	14.11
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	15.5	14.33
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	15.5	14.26
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	15.5	14.26
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	15.5	14.22
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	15.5	14.14
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	15.5	14.24
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	15.5	14.13
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	15.5	14.16
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	15.5	14.29
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	15.5	14.11
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	15.5	14.32
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	15.5	14.17
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	15.5	14.25
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	15.5	14.23
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	15.5	14.21
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	15.5	14.08

No.	Test Freq Description	5G-n78H							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3795	653000	15.5	14.43
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3750	650000	15.5	14.44
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705	647000	15.5	14.42
4	Low/High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750	650000	15.5	14.13
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n78H							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	3750	650000	15.5	14.26
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner_Full	12@6	3750	650000	15.5	14.25
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner_Full	12@6	3750	650000	15.5	14.27
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner_Full	12@6	3750	650000	15.5	14.24
5	Middle-3	30	10	CP-OFDM QPSK	Inner_Full	12@6	3750	650000	15.5	14.16
6	Middle-3	30	10	CP-OFDM 16QAM	Inner_Full	12@6	3750	650000	15.5	14.16
7	Middle-3	30	10	CP-OFDM 64QAM	Inner_Full	12@6	3750	650000	15.5	14.08
8	Middle-3	30	10	CP-OFDM 256QAM	Inner_Full	12@6	3750	650000	15.5	14.29
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3750	650000	15.5	14.20
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1@23	3750	650000	15.5	14.25
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2@22	3750	650000	15.5	14.19
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3750	650000	15.5	14.24
13	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1@22	3750	650000	15.5	14.24
14	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3750	650000	15.5	14.22
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer_Full	24@0	3750	650000	15.5	14.25
16	Middle-1	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3750	650000	15.5	14.30
17	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3750	650000	15.5	14.15
18	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3750	650000	15.5	14.14
19	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3750	650000	15.5	14.32
20	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3750	650000	15.5	14.21
21	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3750	650000	15.5	14.16
22	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3750	650000	15.5	14.16

12 Simultaneous TX SAR Considerations

12.1 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 802.11 a/b/g and Bluetooth devices which may simultaneously transmit with the licensed transmitter.
For this device, the BT and Wi-Fi can transmit simultaneous with other transmitters.

12.2 Transmit Antenna Separation Distances

Please refer to the documents: < The Photos of SAR test - 24T04Z200299-005 >

12.3 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.

SAR measurement positions						
Antenna	Front	Rear	Left edge	Right edge	Top edge	Bottom edge
ANT0	Yes	Yes	Yes	Yes	No	Yes
ANT1	Yes	Yes	Yes	No	No	Yes
ANT2	Yes	Yes	Yes	No	Yes	No
ANT5	Yes	Yes	No	Yes	Yes	No
ANT6	Yes	Yes	No	Yes	Yes	No

13 Evaluation of Simultaneous

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

	WLAN	
1	WLAN 2.4GHz + BT	No
2	WLAN 2.4GHz + WLAN 5GHz	No
3	WLAN 5GHz + BT	Yes
WWAN +WLAN		
1	WWAN+WLAN 2.4GHz + BT	No
2	WWAN+WLAN 2.4GHz + WLAN 5GHz	No
3	WWAN+WLAN 5GHz + BT	Yes
4	WWAN+WLAN 2.4GHz	Yes
5	WWAN+WLAN 5GHz	Yes
6	WWAN+BT	Yes

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

Reported SAR 1g (W/kg)																					
State		1															2	3	4	1+2	1+3+4
Head		GSM850 ANT0	GSM1900 ANT0	W1900 ANT0	W1700 ANT0	W850 ANT0	LTE B2 ANT0	LTE B4 ANT0	LTE B5 ANT0	LTE B7 ANT1	LTE B12 ANT0	LTE B13 ANT0	LTE B26 ANT0	LTE B38 ANT1	LTE B41 ANT1	LTE B66 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6		
Cheek	Left	0.38	0.08	0.09	0.05	0.22	0.08	0.04	0.26	0.79	0.26	0.18	0.27	0.47	0.33	0.06	0.21	0.27	0.18	1.00	1.24
Tilt	Left	0.25	0.09	0.09	0.02	0.14	0.09	0.00	0.15	0.32	0.17	0.13	0.18	0.16	0.14	0.00	0.15	0.28	0.21	0.47	0.81
Cheek	Right	0.45	0.10	0.14	0.10	0.26	0.14	0.11	0.28	0.52	0.25	0.20	0.29	0.26	0.20	0.11	0.09	0.18	0.00	0.61	0.70
Tilt	Right	0.26	0.06	0.08	0.03	0.16	0.06	0.00	0.16	0.42	0.16	0.15	0.20	0.28	0.23	0.00	0.08	0.22	0.07	0.50	0.71
State		1															2	3	4	1+2	1+3+4
Body-worn		GSM850 ANT0	GSM1900 ANT0	W1900 ANT0	W1700 ANT0	W850 ANT0	LTE B2 ANT0	LTE B4 ANT0	LTE B5 ANT0	LTE B7 ANT1	LTE B12 ANT0	LTE B13 ANT0	LTE B26 ANT0	LTE B38 ANT1	LTE B41 ANT1	LTE B66 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6		
Front	5mm	0.42	0.21	0.30	0.32	0.40	0.34	0.32	0.36	0.50	0.39	0.47	0.48	0.51	0.32	0.19	0.19	0.22	0.12	0.70	0.85
Rear	5mm	0.84	0.78	0.94	1.05	0.88	1.17	1.17	0.79	1.05	1.08	1.18	1.04	1.00	0.89	0.60	0.26	0.28	0.12	1.44	1.58
State		1															2	3	4	1+2	1+3+4
Hotspot		GSM850 ANT0	GSM1900 ANT0	W1900 ANT0	W1700 ANT0	W850 ANT0	LTE B2 ANT0	LTE B4 ANT0	LTE B5 ANT0	LTE B7 ANT1	LTE B12 ANT0	LTE B13 ANT0	LTE B26 ANT0	LTE B38 ANT1	LTE B41 ANT1	LTE B66 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6		
Front	10mm	0.17	0.10	0.15	0.15	0.14	0.19	0.15	0.15	0.26	0.23	0.19	0.19	0.19	0.17	0.13	0.09	0.12	0.04	0.35	0.42
Rear	10mm	0.36	0.29	0.47	0.47	0.32	0.61	0.48	0.31	0.42	0.39	0.41	0.36	0.34	0.32	0.44	0.08	0.16	0.05	0.69	0.82
Left	10mm	0.07	0.00	0.00	0.00	0.07	0.06	0.00	0.08	0.19	0.14	0.11	0.08	0.09	0.11	0.00				0.19	0.19
Right	10mm	0.10	0.00	0.06	0.00	0.12	0.00	0.06	0.12		0.23	0.15	0.13			0.00	0.06	0.08	0.03	0.29	0.34
Bottom	10mm	0.20	0.44	0.58	0.53	0.16	0.71	0.54	0.22	0.23	0.18	0.34	0.27	0.17	0.20	0.55				0.71	0.71
Top	10mm																0.04	0.24	0.05	0.04	0.29

The sum of reported SAR values for 5G NR +WiFi

Reported SAR 1g (W/kg)											
State		1					2	3	4	1+2	1+3+4
Head		n5 ANT0	n7 ANT1	n41 ANT1	n66 ANT0	n78 ANT5	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6		
Cheek	Left	0.31	0.93	1.03	0.06	0.68	0.21	0.27	0.18	1.24	1.48
Tilt	Left	0.19	0.33	0.20	0.00	1.04	0.15	0.28	0.21	1.19	**1.53**
Cheek	Right	0.34	0.59	0.57	0.15	0.44	0.09	0.18	0.00	0.68	0.77
Tilt	Right	0.23	0.51	0.52	0.00	0.65	0.08	0.22	0.07	0.73	0.94
State		1					2	3	4	1+2	1+3+4
Body-worn		n5 ANT0	n7 ANT1	n41 ANT1	n66 ANT0	n78 ANT5	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6		
Front	5mm	0.27	0.51	0.50	0.36	0.34	0.19	0.22	0.12	0.70	0.85
Rear	5mm	0.90	0.95	1.18	1.17	0.78	0.26	0.28	0.12	1.44	**1.58**
State		1					2	3	4	1+2	1+3+4
Hotspot		n5 ANT0	n7 ANT1	n41 ANT1	n66 ANT0	n78 ANT5	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6		
Front	10mm	0.10	0.19	0.24	0.19	0.16	0.09	0.12	0.04	0.33	0.40
Rear	10mm	0.37	0.35	0.41	0.46	0.31	0.08	0.16	0.05	0.54	0.67
Left	10mm	0.12	0.13	0.10	0.00					0.13	0.13
Right	10mm	0.07			0.00	0.10	0.06	0.08	0.03	0.16	0.21
Bottom	10mm	0.31	0.25	0.23	0.40					0.40	0.40
Top	10mm					0.33	0.04	0.24	0.05	0.37	0.62

The sum of reported SAR values for ENDC (N5 ANT0 relative combination)

Reported SAR 1g (W/kg)											
State		**1**	**2**			**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Head		n5 ANT0	LTE B2 ANT2	LTE B7 ANT2	LTE B66 ANT2	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Cheek	L	0.31	0.17	0.19	0.10	0.21	0.27	0.18	0.50	0.71	0.95
Tilt	L	0.19	0.12	0.15	0.08	0.15	0.28	0.21	0.34	0.49	0.83
Cheek	R	0.34	0.33	0.54	0.26	0.09	0.18	0.00	0.88	0.97	1.06
Tilt	R	0.23	0.21	0.27	0.15	0.08	0.22	0.07	0.50	0.58	0.79
State		**1**	**2**			**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Body-worn		n5 ANT0	LTE B2 ANT2	LTE B7 ANT2	LTE B66 ANT2	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	5mm	0.15	0.07	0.10	0.08	0.19	0.22	0.12	0.25	0.44	0.59
Rear	5mm	0.37	0.60	0.60	0.70	0.26	0.28	0.12	1.07	1.33	1.47
State		**1**	**2**			**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Hotspot		n5 ANT0	LTE B2 ANT2	LTE B7 ANT2	LTE B66 ANT2	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	10mm	0.10	0.00	0.04	0.00	0.09	0.12	0.04	0.14	0.23	0.30
Rear	10mm	0.37	0.20	0.23	0.24	0.08	0.16	0.05	0.61	0.69	0.82
Left	10mm	0.12	0.12	0.07	0.12				0.24	0.24	0.24
Right	10mm	0.07				0.06	0.08	0.03	0.07	0.13	0.18
Bottom	10mm	0.31							0.31	0.31	0.31
Top	10mm		0.00	0.00	0.00	0.04	0.24	0.05	0.00	0.04	0.29

The sum of reported SAR values for ENDC (N7 ANT1 relative combination)

Reported SAR 1g (W/kg)											
State		**1**	**2**			**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Head		n7 ANT1	LTE B2 ANT2	LTE B4 ANT2	LTE B66 ANT2	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Cheek	L	0.62	0.17	0.12	0.10	0.21	0.27	0.18	0.79	1.00	1.24
Tilt	L	0.21	0.12	0.08	0.08	0.15	0.28	0.21	0.33	0.48	0.82
Cheek	R	0.33	0.33	0.36	0.26	0.09	0.18	0.00	0.69	0.78	0.87
Tilt	R	0.30	0.21	0.15	0.15	0.08	0.22	0.07	0.51	0.59	0.80
State		**1**	**2**			**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Body-worn		n7 ANT1	LTE B2 ANT2	LTE B4 ANT2	LTE B66 ANT2	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	5mm	0.29	0.07	0.06	0.08	0.19	0.22	0.12	0.37	0.56	0.71
Rear	5mm	0.48	0.60	0.63	0.70	0.26	0.28	0.12	1.18	1.44	**1.58**
State		**1**	**2**			**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Hotspot		n7 ANT1	LTE B2 ANT2	LTE B4 ANT2	LTE B66 ANT2	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	10mm	0.12	0.00	0.00	0.00	0.09	0.12	0.04	0.12	0.21	0.28
Rear	10mm	0.19	0.20	0.25	0.24	0.08	0.16	0.05	0.44	0.52	0.65
Left	10mm	0.07	0.12	0.14	0.12				0.21	0.21	0.21
Right	10mm	0.07				0.06	0.08	0.03	0.07	0.13	0.18
Bottom	10mm	0.11							0.11	0.11	0.11
Top	10mm		0.00	0.00	0.00	0.04	0.24	0.05	0.00	0.04	0.29

The sum of reported SAR values for ENDC (N7 ANT2 relative combination)

Reported SAR 1g (W/kg)										
State		**1**	**2**		**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Head		n7 ANT2	LTE B2 ANT0	LTE B5 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Cheek	L	0.27	0.08	0.26	0.21	0.27	0.18	0.53	0.74	0.98
Tilt	L	0.18	0.09	0.15	0.15	0.28	0.21	0.33	0.48	0.82
Cheek	R	0.69	0.14	0.28	0.09	0.18	0.00	0.97	1.06	1.15
Tilt	R	0.36	0.06	0.16	0.08	0.22	0.07	0.52	0.60	0.81
State		**1**	**2**		**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Body-worn		n7 ANT2	LTE B2 ANT0	LTE B5 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	5mm	0.09	0.21	0.30	0.19	0.22	0.12	0.39	0.58	0.73
Rear	5mm	0.53	0.62	0.64	0.26	0.28	0.12	1.17	1.43	1.57
State		**1**	**2**		**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Hotspot		n7 ANT2	LTE B2 ANT0	LTE B5 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	10mm	0.05	0.08	0.09	0.09	0.12	0.04	0.14	0.23	0.30
Rear	10mm	0.21	0.23	0.17	0.08	0.16	0.05	0.44	0.52	0.65
Left	10mm	0.09	0.00	0.00				0.09	0.09	0.09
Right	10mm		0.00	0.00	0.06	0.08	0.03	0.00	0.06	0.11
Bottom	10mm		0.30	0.09				0.30	0.30	0.30
Top	10mm	0.00			0.04	0.24	0.05	0.00	0.04	0.29

The sum of reported SAR values for ENDC (N41 ANT1 relative combination)

Reported SAR 1g (W/kg)										
State		**1**	**2**		**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Head		n41 ANT1	LTE B4 ANT2	LTE B66 ANT2	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Cheek	L	0.46	0.12	0.10	0.21	0.27	0.18	0.58	0.79	1.03
Tilt	L	0.18	0.08	0.08	0.15	0.28	0.21	0.26	0.41	0.75
Cheek	R	0.29	0.36	0.26	0.09	0.18	0.00	0.65	0.74	0.83
Tilt	R	0.29	0.15	0.15	0.08	0.22	0.07	0.44	0.52	0.73
State		**1**	**2**		**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Body-worn		n41 ANT1	LTE B4 ANT2	LTE B66 ANT2	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	5mm	0.21	0.06	0.08	0.19	0.22	0.12	0.29	0.48	0.63
Rear	5mm	0.39	0.63	0.70	0.26	0.28	0.12	1.09	1.35	1.49
State		**1**	**2**		**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Hotspot		n41 ANT1	LTE B4 ANT2	LTE B66 ANT2	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	10mm	0.07	0.00	0.00	0.09	0.12	0.04	0.07	0.16	0.23
Rear	10mm	0.14	0.20	0.24	0.08	0.16	0.05	0.38	0.46	0.59
Left	10mm	0.04	0.12	0.12				0.16	0.16	0.16
Right	10mm	0.04			0.06	0.08	0.03	0.04	0.10	0.15
Bottom	10mm	0.07						0.07	0.07	0.07
Top	10mm		0.00	0.00	0.04	0.24	0.05	0.00	0.04	0.29

The sum of reported SAR values for ENDC (N41 ANT2 relative combination)

Reported SAR 1g (W/kg)										
State		**1**	**2**		**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Head		n41 ANT2	LTE B12 ANT0	LTE B26 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Cheek	L	0.21	0.26	0.27	0.21	0.27	0.18	0.48	0.69	0.93
Tilt	L	0.16	0.17	0.18	0.15	0.28	0.21	0.34	0.49	0.83
Cheek	R	0.52	0.25	0.29	0.09	0.18	0.00	0.81	0.90	0.99
Tilt	R	0.29	0.16	0.20	0.08	0.22	0.07	0.49	0.57	0.78
State		**1**	**2**		**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Body-worn		n41 ANT2	LTE B12 ANT0	LTE B26 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	5mm	0.09	0.21	0.24	0.19	0.22	0.12	0.33	0.52	0.67
Rear	5mm	0.55	0.51	0.61	0.26	0.28	0.12	1.16	1.42	1.56
State		**1**	**2**		**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Hotspot		n41 ANT2	LTE B12 ANT0	LTE B26 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	10mm	0.06	0.16	0.12	0.09	0.12	0.04	0.22	0.31	0.38
Rear	10mm	0.24	0.26	0.21	0.08	0.16	0.05	0.50	0.58	0.71
Left	10mm	0.10	0.10	0.00				0.20	0.20	0.20
Right	10mm		0.13	0.00	0.06	0.08	0.03	0.13	0.19	0.24
Bottom	10mm		0.11	0.13				0.13	0.13	0.13
Top	10mm	0.06			0.04	0.24	0.05	0.06	0.10	0.35

The sum of reported SAR values for ENDC (N66 ANT0 relative combination)

Reported SAR 1g (W/kg)									
State		**1**	**2**	**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Head		n66 ANT0	LTE B7 ANT2	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Cheek	L		0.19	0.21	0.27	0.18	0.19	0.40	0.64
Tilt	L		0.15	0.15	0.28	0.21	0.15	0.30	0.64
Cheek	R		0.54	0.09	0.18	0.00	0.54	0.63	0.72
Tilt	R		0.27	0.08	0.22	0.07	0.27	0.35	0.56
State		**1**	**2**	**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Body-worn		n66 ANT0	LTE B7 ANT2	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	5mm	0.16	0.10	0.19	0.22	0.12	0.26	0.45	0.60
Rear	5mm	0.53	0.60	0.26	0.28	0.12	1.13	1.39	1.53
State		**1**	**2**	**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Hotspot		n66 ANT0	LTE B7 ANT2	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	10mm	0.08	0.04	0.09	0.12	0.04	0.12	0.21	0.28
Rear	10mm	0.24	0.23	0.08	0.16	0.05	0.47	0.55	0.68
Left	10mm	0.00	0.07				0.07	0.07	0.07
Right	10mm	0.00		0.06	0.08	0.03	0.00	0.06	0.11
Bottom	10mm	0.29					0.29	0.29	0.29
Top	10mm		0.00	0.04	0.24	0.05	0.00	0.04	0.29

The sum of reported SAR values for ENDC (N66 ANT2 relative combination)

Reported SAR 1g (W/kg)												
State		**1**	**2**				**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Head		n66 ANT2	LTE B2 ANT0	LTE B5 ANT0	LTE B12 ANT0	LTE B13 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Cheek	L	0.12	0.08	0.26	0.26	0.18	0.21	0.27	0.18	0.38	0.59	0.83
Tilt	L	0.07	0.09	0.15	0.17	0.13	0.15	0.28	0.21	0.24	0.39	0.73
Cheek	R	0.31	0.14	0.28	0.25	0.20	0.09	0.18	0.00	0.59	0.68	0.77
Tilt	R	0.13	0.06	0.16	0.16	0.15	0.08	0.22	0.07	0.29	0.37	0.58
State		**1**	**2**				**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Body-worn		n66 ANT2	LTE B2 ANT0	LTE B5 ANT0	LTE B12 ANT0	LTE B13 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	5mm	0.05	0.21	0.30	0.21	0.20	0.19	0.22	0.12	0.35	0.54	0.69
Rear	5mm	0.50	0.62	0.64	0.51	0.50	0.26	0.28	0.12	1.14	1.40	1.54
State		**1**	**2**				**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Hotspot		n66 ANT2	LTE B2 ANT0	LTE B5 ANT0	LTE B12 ANT0	LTE B13 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	10mm	0.00	0.08	0.09	0.16	0.10	0.09	0.12	0.04	0.16	0.25	0.32
Rear	10mm	0.14	0.23	0.17	0.26	0.24	0.08	0.16	0.05	0.40	0.48	0.61
Left	10mm	0.07	0.00	0.00	0.10	0.00				0.17	0.17	0.17
Right	10mm		0.00	0.00	0.13	0.09	0.06	0.08	0.03	0.13	0.19	0.24
Bottom	10mm		0.30	0.09	0.11	0.14				0.30	0.30	0.30
Top	10mm	0.00					0.04	0.24	0.05	0.00	0.04	0.29

The sum of reported SAR values for ENDC (N78 ANT5 relative combination)

Reported SAR 1g (W/kg)																	
State		**1**	**2**									**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Head		n78 ANT5	LTE B2 ANT0	LTE B4 ANT0	LTE B5 ANT0	LTE B7 ANT1	LTE B12 ANT0	LTE B26 ANT0	LTE B38 ANT1	LTE B41 ANT1	LTE B66 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Cheek	L	0.42	0.08	0.04	0.26	0.58	0.26	0.27	0.47	0.33	0.06	0.21	0.27	0.18	1.00	1.21	1.45
Tilt	L	0.62	0.09	0.00	0.15	0.22	0.17	0.18	0.16	0.14	0.00	0.15	0.28	0.21	0.84	0.99	1.33
Cheek	R	0.29	0.14	0.11	0.28	0.43	0.25	0.29	0.26	0.20	0.11	0.09	0.18	0.00	0.72	0.81	0.90
Tilt	R	0.37	0.06	0.00	0.16	0.33	0.16	0.20	0.28	0.23	0.00	0.08	0.22	0.07	0.70	0.78	0.99
State		**1**	**2**									**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Body-worn		n78 ANT5	LTE B2 ANT0	LTE B4 ANT0	LTE B5 ANT0	LTE B7 ANT1	LTE B12 ANT0	LTE B26 ANT0	LTE B38 ANT1	LTE B41 ANT1	LTE B66 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	5mm	0.18	0.21	0.19	0.30	0.20	0.21	0.24	0.24	0.15	0.19	0.19	0.22	0.12	0.48	0.67	0.82
Rear	5mm	0.43	0.62	0.61	0.64	0.46	0.51	0.61	0.48	0.33	0.60	0.26	0.28	0.12	1.07	1.33	1.47
State		**1**	**2**									**3**	**4**	**5**	**6**	**6+3**	**6+4+5**
Hotspot		n78 ANT5	LTE B2 ANT0	LTE B4 ANT0	LTE B5 ANT0	LTE B7 ANT1	LTE B12 ANT0	LTE B26 ANT0	LTE B38 ANT1	LTE B41 ANT1	LTE B66 ANT0	WiFi 2.4G ANT6	WiFi 5G ANT6	BT ANT6	**ENDC 1+2**		
Front	10mm	0.09	0.08	0.09	0.09	0.08	0.16	0.12	0.11	0.06	0.09	0.09	0.12	0.04	0.25	0.34	0.41
Rear	10mm	0.18	0.23	0.28	0.17	0.14	0.26	0.21	0.19	0.12	0.28	0.08	0.16	0.05	0.46	0.54	0.67
Left	10mm		0.00	0.00	0.00	0.05	0.10	0.00	0.06	0.00	0.00				0.10	0.10	0.10
Right	10mm	0.05	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.06	0.08	0.03	0.18	0.24	0.29
Bottom	10mm		0.30	0.32	0.09	0.08	0.11	0.13	0.12	0.07	0.30				0.32	0.32	0.32
Top	10mm	0.19										0.04	0.24	0.05	0.19	0.23	0.48

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 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:

≤ 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 ≤ 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 ≤ 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 ≤ 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 14.1: Duty Cycle

Mode	Duty Cycle
GPRS/EGPRS 850/1900 4TX	1:2
GPRS/EGPRS 850/1900 2TX	1:4
WCDMA&LTE FDD&NR FDD	1:1
LTE TDD	1:1.58
NR TDD	1:1

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

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	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	Head	GSM 850	190	836.6	GPRS(2)	Cheek Left	0mm	\	31.68	33.5	0.25	**0.38**	0.201	**0.20**	0.12
0	Head	GSM 850	190	836.6	GPRS(2)	Tilt Left	0mm	\	31.68	33.5	0.162	**0.25**	0.134	**0.33**	0.03
0	Head	GSM 850	251	848.8	GPRS(2)	Cheek Right	0mm	\	31.62	33.5	0.272	**0.42**	0.218	**0.34**	0.09
0	Head	GSM 850	190	836.6	GPRS(2)	Cheek Right	0mm	1	31.68	33.5	0.298	**0.45**	0.234	**0.36**	-0.16
0	Head	GSM 850	128	824.2	GPRS(2)	Cheek Right	0mm	\	31.54	33.5	0.267	**0.42**	0.21	**0.33**	-0.09
0	Head	GSM 850	190	836.6	GPRS(2)	Tilt Right	0mm	\	31.68	33.5	0.171	**0.26**	0.142	**0.22**	-0.05
0	Head	GSM 850	190	836.6	EGPRS(2)	Cheek Right	0mm	\	31.8	33.5	0.264	**0.39**	0.221	**0.33**	0.03
0	Body	GSM 850	190	836.6	GPRS(2)	Front	18mm	\	31.68	33.5	0.231	**0.35**	0.175	**0.27**	-0.05
0	Body	GSM 850	251	848.8	GPRS(2)	Rear	21mm	\	31.62	33.5	0.196	**0.30**	0.148	**0.23**	0.05
0	Body	GSM 850	190	836.6	GPRS(2)	Rear	21mm	\	31.68	33.5	0.253	**0.38**	0.192	**0.29**	-0.07
0	Body	GSM 850	128	824.2	GPRS(2)	Rear	21mm	\	31.54	33.5	0.289	**0.45**	0.219	**0.34**	-0.01
0	Body	GSM 850	190	836.6	GPRS(4)	Front	5mm	\	26.53	27	0.374	**0.42**	0.235	**0.26**	-0.07
0	Body	GSM 850	251	848.8	GPRS(4)	Rear	5mm	\	26.45	27	0.683	**0.78**	0.383	**0.43**	0.12
0	Body	GSM 850	190	836.6	GPRS(4)	Rear	5mm	2	26.53	27	0.752	**0.84**	0.412	**0.46**	-0.02
0	Body	GSM 850	128	824.2	GPRS(4)	Rear	5mm	\	26.46	27	0.745	**0.84**	0.404	**0.46**	-0.12
0	Body	GSM 850	190	836.6	EGPRS(4)	Rear	5mm	\	26.54	27	0.744	**0.83**	0.403	**0.45**	0.03
0	Body	GSM 850	190	836.6	GPRS(4)	Front	10mm	\	26.53	27	0.157	**0.17**	0.095	**0.11**	-0.14
0	Body	GSM 850	251	848.8	GPRS(4)	Rear	10mm	\	26.45	27	0.263	**0.30**	0.151	**0.17**	0.05
0	Body	GSM 850	190	836.6	GPRS(4)	Rear	10mm	\	26.53	27	0.292	**0.33**	0.169	**0.19**	0.1
0	Body	GSM 850	128	824.2	GPRS(4)	Rear	10mm	3	26.46	27	0.318	**0.36**	0.184	**0.21**	0.1
0	Body	GSM 850	190	836.6	GPRS(4)	Left	10mm	\	26.53	27	0.062	**0.07**	0.041	**0.05**	0.08
0	Body	GSM 850	190	836.6	GPRS(4)	Right	10mm	\	26.53	27	0.093	**0.10**	0.064	**0.07**	0.02
0	Body	GSM 850	190	836.6	GPRS(4)	Bottom	10mm	\	26.53	27	0.183	**0.20**	0.092	**0.10**	0.18
0	Head	GSM 1900	661	1880	GPRS(2)	Cheek Left	0mm	\	28.53	30.5	0.051	**0.08**	0.035	**0.06**	-0.03
0	Head	GSM 1900	661	1880	GPRS(2)	Tilt Left	0mm	\	28.53	30.5	0.057	**0.09**	0.035	**0.06**	-0.04
0	Head	GSM 1900	810	1909.8	GPRS(2)	Cheek Right	0mm	\	28.5	30.5	0.023	**0.04**	0.016	**0.03**	0.13
0	Head	GSM 1900	661	1880	GPRS(2)	Cheek Right	0mm	\	28.53	30.5	0.042	**0.07**	0.027	**0.04**	0.03
0	Head	GSM 1900	512	1852.4	GPRS(2)	Cheek Right	0mm	4	28.55	30.5	0.061	**0.10**	0.039	**0.06**	-0.06
0	Head	GSM 1900	661	1880	GPRS(2)	Tilt Right	0mm	\	28.53	30.5	0.035	**0.06**	0.023	**0.04**	0.08
0	Head	GSM 1900	512	1852.4	EGPRS(2)	Cheek Right	0mm	\	28.57	30.5	0.045	**0.07**	0.027	**0.04**	0.03
0	Body	GSM 1900	661	1880	GPRS(2)	Front	18mm	\	28.53	30.5	0.287	**0.45**	0.169	**0.27**	-0.03
0	Body	GSM 1900	810	1909.8	GPRS(2)	Rear	21mm	\	28.5	30.5	0.379	**0.60**	0.227	**0.36**	0.05
0	Body	GSM 1900	661	1880	GPRS(2)	Rear	21mm	\	28.53	30.5	0.514	**0.81**	0.303	**0.48**	-0.11
0	Body	GSM 1900	512	1852.4	GPRS(2)	Rear	21mm	\	28.55	30.5	0.527	**0.83**	0.314	**0.49**	0.03
0	Body	GSM 1900	661	1880	GPRS(4)	Front	5mm	\	19.85	20	0.204	**0.21**	0.114	**0.12**	-0.16
0	Body	GSM 1900	810	1909.8	GPRS(4)	Rear	5mm	5	19.78	20	0.738	**0.78**	0.36	**0.38**	0.03
0	Body	GSM 1900	661	1880	GPRS(4)	Rear	5mm	\	19.85	20	0.619	**0.64**	0.317	**0.33**	-0.03
0	Body	GSM 1900	512	1852.4	GPRS(4)	Rear	5mm	\	19.88	20	0.581	**0.60**	0.296	**0.30**	0.09
0	Body	GSM 1900	810	1909.8	EGPRS(4)	Rear	5mm	\	19.74	20	0.721	**0.77**	0.347	**0.37**	0.05
0	Body	GSM 1900	512	1852.4	GPRS(4)	Front	10mm	\	19.85	20	0.094	**0.10**	0.052	**0.05**	-0.02
0	Body	GSM 1900	512	1850.2	GPRS(4)	Rear	10mm	\	19.85	20	0.283	**0.29**	0.147	**0.15**	0.03
0	Body	GSM 1900	512	1850.2	GPRS(4)	Left	10mm	\	19.85	20	<0.01	<0.01	<0.01	<0.01	\
0	Body	GSM 1900	512	1850.2	GPRS(4)	Right	10mm	\	19.85	20	<0.01	<0.01	<0.01	<0.01	\
0	Body	GSM 1900	810	1909.8	GPRS(4)	Bottom	10mm	6	19.78	20	0.419	**0.44**	0.219	**0.23**	0.04
0	Body	GSM 1900	661	1880	GPRS(4)	Bottom	10mm	\	19.85	20	0.383	**0.40**	0.198	**0.20**	0.14
0	Body	GSM 1900	512	1852.4	GPRS(4)	Bottom	10mm	\	19.88	20	0.311	**0.32**	0.163	**0.17**	-0.12

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	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	Head	WCDMA1900	9400	1880	RMC	Cheek Left	0mm	\	23.75	25.5	0.057	**0.09**	0.04	**0.06**	-0.12
0	Head	WCDMA1900	9400	1880	RMC	Tilt Left	0mm	\	23.75	25.5	0.062	**0.09**	0.044	**0.07**	-0.07
0	Head	WCDMA1900	9538	1907.6	RMC	Cheek Right	0mm	\	23.65	25.5	0.04	**0.06**	0.024	**0.04**	-0.04
0	Head	WCDMA1900	9400	1880	RMC	Cheek Right	0mm	\	23.75	25.5	0.068	**0.10**	0.046	**0.07**	-0.18
0	Head	WCDMA1900	9262	1852.4	RMC	Cheek Right	0mm	7	24.01	25.5	0.099	**0.14**	0.061	**0.09**	-0.03
0	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	\	23.75	25.5	0.051	**0.08**	0.034	**0.05**	0.05
0	Body	WCDMA1900	9400	1852.4	RMC	Front	18mm	\	23.75	25.5	0.267	**0.40**	0.164	**0.25**	-0.02
0	Body	WCDMA1900	9538	1907.6	RMC	Rear	21mm	\	23.65	25.5	0.469	**0.72**	0.281	**0.43**	0.03
0	Body	WCDMA1900	9400	1852.4	RMC	Rear	21mm	\	23.75	25.5	0.552	**0.83**	0.332	**0.50**	0.06
0	Body	WCDMA1900	9262	1852.4	RMC	Rear	21mm	\	24.01	25.5	0.549	**0.77**	0.33	**0.47**	-0.11
0	Body	WCDMA1900	9400	1880	RMC	Front	5mm	\	16.08	17.5	0.218	**0.30**	0.114	**0.16**	0.06
0	Body	WCDMA1900	9538	1907.6	RMC	Rear	5mm	\	16.02	17.5	0.346	**0.49**	0.176	**0.25**	-0.03
0	Body	WCDMA1900	9400	1852.4	RMC	Rear	5mm	8	16.08	17.5	0.68	**0.94**	0.336	**0.47**	-0.12
0	Body	WCDMA1900	9262	1852.4	RMC	Rear	5mm	\	16.03	17.5	0.655	**0.92**	0.302	**0.42**	0.05
0	Body	WCDMA1900	9400	1880	RMC	Front	10mm	\	16.08	17.5	0.107	**0.15**	0.059	**0.08**	0.03
0	Body	WCDMA1900	9400	1880	RMC	Rear	10mm	\	16.08	17.5	0.338	**0.47**	0.176	**0.24**	-0.03
0	Body	WCDMA1900	9400	1880	RMC	Left	10mm	\	16.08	17.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	WCDMA1900	9400	1880	RMC	Right	10mm	\	16.08	17.5	0.045	**0.06**	0.022	**0.03**	0.1
0	Body	WCDMA1900	9538	1907.6	RMC	Bottom	10mm	\	16.02	17.5	0.346	**0.49**	0.176	**0.25**	0.05
0	Body	WCDMA1900	9400	1880	RMC	Bottom	10mm	\	16.08	17.5	0.277	**0.38**	0.118	**0.16**	-0.14
0	Body	WCDMA1900	9262	1852.4	RMC	Bottom	10mm	9	16.03	17.5	0.411	**0.58**	0.219	**0.31**	-0.04
0	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Left	0mm	\	24.02	25.5	0.037	**0.05**	0.024	**0.03**	-0.05
0	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Left	0mm	\	24.02	25.5	0.015	**0.02**	0.008	**0.01**	-0.07
0	Head	WCDMA 1700	1513	1752.6	RMC	Cheek Right	0mm	10	23.82	25.5	0.066	**0.10**	0.042	**0.06**	0.06
0	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Right	0mm	\	24.02	25.5	0.062	**0.09**	0.039	**0.05**	0.05
0	Head	WCDMA 1700	1312	1712.4	RMC	Cheek Right	0mm	\	23.92	25.5	0.051	**0.07**	0.033	**0.05**	-0.06
0	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Right	0mm	\	24.02	25.5	0.018	**0.03**	0.011	**0.02**	-0.02
0	Body	WCDMA1700	1412	1732.5	RMC	Front	18mm	\	24.02	25.5	0.214	**0.30**	0.131	**0.18**	0.03
0	Body	WCDMA1700	1513	1752.6	RMC	Rear	21mm	\	23.82	25.5	0.45	**0.66**	0.277	**0.41**	-0.08
0	Body	WCDMA1700	1412	1732.5	RMC	Rear	21mm	\	24.02	25.5	0.449	**0.63**	0.273	**0.38**	0.12
0	Body	WCDMA1700	1312	1712.4	RMC	Rear	21mm	\	23.92	25.5	0.466	**0.67**	0.285	**0.41**	-0.17
0	Body	WCDMA1700	1412	1732.5	RMC	Front	5mm	\	16.68	18	0.236	**0.32**	0.115	**0.16**	-0.04
0	Body	WCDMA1700	1513	1752.6	RMC	Rear	5mm	11	16.61	18	0.764	**1.05**	0.386	**0.53**	-0.05
0	Body	WCDMA1700	1412	1732.5	RMC	Rear	5mm	\	16.68	18	0.077	**0.10**	0.028	**0.04**	0.05
0	Body	WCDMA1700	1312	1712.4	RMC	Rear	5mm	\	16.66	18	0.754	**1.03**	0.367	**0.50**	-0.12
0	Body	WCDMA1700	1412	1732.5	RMC	Front	10mm	\	16.68	18	0.112	**0.15**	0.06	**0.08**	-0.05
0	Body	WCDMA1700	1412	1732.5	RMC	Rear	10mm	\	16.68	18	0.348	**0.47**	0.179	**0.24**	0.07
0	Body	WCDMA1700	1412	1732.5	RMC	Left	10mm	\	16.68	18	<0.01	<0.01	<0.01	<0.01	\
0	Body	WCDMA1700	1412	1732.5	RMC	Right	10mm	\	16.68	18	<0.01	<0.01	<0.01	<0.01	\
0	Body	WCDMA1700	1513	1752.6	RMC	Bottom	10mm	12	16.61	18	0.385	**0.53**	0.206	**0.28**	0.01
0	Body	WCDMA1700	1412	1732.5	RMC	Bottom	10mm	\	16.68	18	0.362	**0.49**	0.182	**0.25**	-0.12
0	Body	WCDMA1700	1312	1712.4	RMC	Bottom	10mm	\	16.66	18	0.336	**0.46**	0.166	**0.23**	0.05
0	Head	WCDMA 850	4183	836.6	RMC	Cheek Left	0mm	\	23.89	25.5	0.149	**0.22**	0.116	**0.17**	-0.11
0	Head	WCDMA 850	4183	836.6	RMC	Tilt Left	0mm	\	23.89	25.5	0.1	**0.14**	0.082	**0.12**	-0.05
0	Head	WCDMA 850	4233	846.6	RMC	Cheek Right	0mm	\	23.77	25.5	0.171	**0.25**	0.136	**0.20**	-0.02
0	Head	WCDMA 850	4183	836.6	RMC	Cheek Right	0mm	13	23.89	25.5	0.178	**0.26**	0.14	**0.20**	0.04
0	Head	WCDMA 850	4132	826.4	RMC	Cheek Right	0mm	\	23.93	25.5	0.168	**0.24**	0.132	**0.19**	0.06
0	Head	WCDMA 850	4183	836.6	RMC	Tilt Right	0mm	\	23.89	25.5	0.108	**0.16**	0.088	**0.13**	0.13
0	Body	WCDMA 850	4183	836.6	RMC	Front	18mm	\	23.89	25.5	0.118	**0.17**	0.09	**0.13**	0.05
0	Body	WCDMA 850	4233	846.6	RMC	Rear	21mm	\	23.77	25.5	0.134	**0.20**	0.103	**0.15**	-0.08
0	Body	WCDMA 850	4183	836.6	RMC	Rear	21mm	\	23.89	25.5	0.121	**0.18**	0.094	**0.14**	-0.1
0	Body	WCDMA 850	4132	826.4	RMC	Rear	21mm	\	23.93	25.5	0.133	**0.19**	0.102	**0.15**	0.02
0	Body	WCDMA 850	4183	836.6	RMC	Front	5mm	\	21.53	23.5	0.251	**0.40**	0.147	**0.23**	0.02
0	Body	WCDMA 850	4233	846.6	RMC	Rear	5mm	14	21.55	23.5	0.564	**0.88**	0.318	**0.50**	0.09
0	Body	WCDMA 850	4183	836.6	RMC	Rear	5mm	\	21.53	23.5	0.548	**0.86**	0.31	**0.49**	0.1
0	Body	WCDMA 850	4132	826.4	RMC	Rear	5mm	\	21.54	23.5	0.558	**0.88**	0.317	**0.50**	0.07
0	Body	WCDMA 850	4183	836.6	RMC	Front	10mm	\	21.53	23.5	0.089	**0.14**	0.057	**0.09**	-0.08
0	Body	WCDMA 850	4233	846.6	RMC	Rear	10mm	\	21.55	23.5	0.201	**0.31**	0.115	**0.18**	0.05
0	Body	WCDMA 850	4183	836.6	RMC	Rear	10mm	15	21.53	23.5	0.203	**0.32**	0.12	**0.19**	0.03
0	Body	WCDMA 850	4132	826.4	RMC	Rear	10mm	\	21.54	23.5	0.192	**0.30**	0.113	**0.18**	-0.11
0	Body	WCDMA 850	4183	836.6	RMC	Left	10mm	\	21.53	23.5	0.044	**0.07**	0.029	**0.05**	0.07
0	Body	WCDMA 850	4183	836.6	RMC	Right	10mm	\	21.53	23.5	0.074	**0.12**	0.05	**0.08**	0.05
0	Body	WCDMA 850	4183	836.6	RMC	Bottom	10mm	\	21.53	23.5	0.102	**0.16**	0.06	**0.09**	-0.05

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	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	Head	LTE Band2	18700	1860	1RB-Middle	Cheek Left	0mm	\	23.76	25	0.061	**0.08**	0.042	**0.06**	0.17
0	Head	LTE Band2	18700	1860	1RB-Middle	Tilt Left	0mm	\	23.76	25	0.069	**0.09**	0.042	**0.06**	-0.04
0	Head	LTE Band2	18700	1860	1RB-Middle	Cheek Right	0mm	16	23.76	25	0.108	**0.14**	0.069	**0.09**	0.04
0	Head	LTE Band2	18700	1860	1RB-Middle	Tilt Right	0mm	\	23.76	25	0.046	**0.06**	0.03	**0.04**	-0.17
0	Head	LTE Band2	18700	1860	50RB-Middle	Cheek Left	0mm	\	22.77	24	0.045	**0.06**	0.031	**0.04**	0.04
0	Head	LTE Band2	18700	1860	50RB-Middle	Tilt Left	0mm	\	22.77	24	0.061	**0.08**	0.038	**0.05**	0.02
0	Head	LTE Band2	18700	1860	50RB-Middle	Cheek Right	0mm	\	22.77	24	0.077	**0.10**	0.049	**0.07**	-0.05
0	Head	LTE Band2	18700	1860	50RB-Middle	Tilt Right	0mm	\	22.77	24	0.04	**0.05**	0.026	**0.03**	0.1
0	Body	LTE Band2	18700	1860	1RB-Middle	Front	18mm	\	23.76	25	0.265	**0.35**	0.164	**0.22**	0.03
0	Body	LTE Band2	18700	1860	1RB-Middle	Rear	21mm	\	23.76	25	0.595	**0.79**	0.36	**0.48**	-0.1
0	Body	LTE Band2	18700	1860	50RB-Middle	Front	18mm	\	22.77	24	0.231	**0.31**	0.142	**0.19**	-0.07
0	Body	LTE Band2	18700	1860	50RB-Middle	Rear	21mm	\	22.77	24	0.49	**0.65**	0.295	**0.39**	0.11
0	Body	LTE Band2	18700	1860	1RB-Middle	Front	5mm	\	15.78	17.5	0.228	**0.34**	0.094	**0.14**	-0.14
0	Body	LTE Band2	18700	1860	1RB-Middle	Rear	5mm	17	15.78	17.5	0.786	**1.17**	0.4	**0.59**	-0.11
0	Body	LTE Band2	18900	1880	1RB-Middle	Rear	5mm	\	15.7	17.5	0.701	**1.06**	0.269	**0.41**	0.12
0	Body	LTE Band2	19100	1900	1RB-Low	Rear	5mm	\	15.75	17.5	0.702	**1.05**	0.264	**0.40**	0.03
0	Body	LTE Band2	18700	1860	100RB	Rear	5mm	\	14.76	16.5	0.643	**0.96**	0.248	**0.37**	0.03
0	Body	LTE Band2	18700	1860	50RB-Low	Front	5mm	\	14.82	16.5	0.188	**0.28**	0.077	**0.11**	-0.08
0	Body	LTE Band2	18700	1860	50RB-Low	Rear	5mm	\	14.82	16.5	0.636	**0.94**	0.244	**0.36**	-0.07
0	Body	LTE Band2	18900	1880	50RB-Middle	Rear	5mm	\	14.8	16.5	0.567	**0.84**	0.219	**0.32**	0.11
0	Body	LTE Band2	19100	1900	50RB-High	Rear	5mm	\	14.78	16.5	0.568	**0.84**	0.215	**0.32**	-0.14
0	Body	LTE Band2	18700	1860	1RB-Middle	Front	10mm	\	15.78	17.5	0.127	**0.19**	0.076	**0.11**	-0.08
0	Body	LTE Band2	18700	1860	1RB-Middle	Rear	10mm	\	15.78	17.5	0.411	**0.61**	0.229	**0.34**	-0.1
0	Body	LTE Band2	18700	1860	1RB-Middle	Left	10mm	\	15.78	17.5	0.042	**0.06**	0.015	**0.02**	0.13
0	Body	LTE Band2	18700	1860	1RB-Middle	Right	10mm	\	15.78	17.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band2	18700	1860	1RB-Middle	Bottom	10mm	18	15.78	17.5	0.476	**0.71**	0.256	**0.38**	0.02
0	Body	LTE Band2	18700	1860	50RB-Low	Front	10mm	\	14.82	16.5	0.106	**0.16**	0.059	**0.09**	0.08
0	Body	LTE Band2	18700	1860	50RB-Low	Rear	10mm	\	14.82	16.5	0.345	**0.51**	0.193	**0.28**	-0.07
0	Body	LTE Band2	18700	1860	50RB-Low	Left	10mm	\	14.82	16.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band2	18700	1860	50RB-Low	Right	10mm	\	14.82	16.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band2	18700	1860	50RB-Low	Bottom	10mm	\	14.82	16.5	0.441	**0.65**	0.233	**0.34**	0.06
0	Body	LTE Band2	18700	1860	1RB-Middle	Front	5mm	Note1	13.92	15.5	0.146	**0.21**	0.072	**0.10**	0.16
0	Body	LTE Band2	18700	1860	1RB-Middle	Rear	5mm	Note1	13.92	15.5	0.431	**0.62**	0.216	**0.31**	-0.01
0	Body	LTE Band2	18700	1860	50RB-Low	Front	5mm	Note1	12.97	14.5	0.114	**0.16**	0.056	**0.08**	-0.14
0	Body	LTE Band2	18700	1860	50RB-Low	Rear	5mm	Note1	12.97	14.5	0.328	**0.47**	0.158	**0.22**	0.07
0	Body	LTE Band2	18700	1860	1RB-Middle	Front	10mm	Note1	13.92	15.5	0.057	**0.08**	0.032	**0.05**	-0.1
0	Body	LTE Band2	18700	1860	1RB-Middle	Rear	10mm	Note1	13.92	15.5	0.162	**0.23**	0.087	**0.13**	-0.03
0	Body	LTE Band2	18700	1860	1RB-Middle	Left	10mm	Note1	13.92	15.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band2	18700	1860	1RB-Middle	Right	10mm	Note1	13.92	15.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band2	18700	1860	1RB-Middle	Bottom	10mm	Note1	13.92	15.5	0.209	**0.30**	0.111	**0.16**	-0.05
0	Body	LTE Band2	18700	1860	50RB-Low	Front	10mm	Note1	12.97	14.5	0.044	**0.06**	0.025	**0.04**	0.06
0	Body	LTE Band2	18700	1860	50RB-Low	Rear	10mm	Note1	12.97	14.5	0.126	**0.18**	0.069	**0.10**	-0.12
0	Body	LTE Band2	18700	1860	50RB-Low	Left	10mm	Note1	12.97	14.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band2	18700	1860	50RB-Low	Right	10mm	Note1	12.97	14.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band2	18700	1860	50RB-Low	Bottom	10mm	Note1	12.97	14.5	0.184	**0.26**	0.097	**0.14**	0.1
0	Head	LTE Band4	20050	1720	1RB-Low	Cheek Left	0mm	\	23.7	25	0.033	**0.04**	0.025	**0.03**	0.02
0	Head	LTE Band4	20050	1720	1RB-Low	Tilt Left	0mm	\	23.7	25	<0.01	<0.01	<0.01	<0.01	\
0	Head	LTE Band4	20050	1720	1RB-Low	Cheek Right	0mm	19	23.7	25	0.081	**0.11**	0.053	**0.07**	-0.01
0	Head	LTE Band4	20050	1720	1RB-Low	Tilt Right	0mm	\	23.7	25	<0.01	<0.01	<0.01	<0.01	\
0	Head	LTE Band4	20050	1720	50RB-High	Cheek Left	0mm	\	22.69	24	0.027	**0.04**	0.021	**0.03**	-0.05
0	Head	LTE Band4	20050	1720	50RB-High	Tilt Left	0mm	\	22.69	24	<0.01	<0.01	<0.01	<0.01	\
0	Head	LTE Band4	20050	1720	50RB-High	Cheek Right	0mm	\	22.69	24	0.042	**0.06**	0.027	**0.04**	-0.16
0	Head	LTE Band4	20050	1720	50RB-High	Tilt Right	0mm	\	22.69	24	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band4	20050	1720	1RB-Low	Front	18mm	\	23.7	25	0.182	**0.25**	0.18	**0.24**	0.03
0	Body	LTE Band4	20050	1720	1RB-Low	Rear	21mm	\	23.7	25	0.401	**0.54**	0.245	**0.33**	-0.07
0	Body	LTE Band4	20050	1720	50RB-High	Front	18mm	\	22.69	24	0.169	**0.23**	0.167	**0.23**	-0.01
0	Body	LTE Band4	20050	1720	50RB-High	Rear	21mm	\	22.69	24	0.352	**0.48**	0.349	**0.47**	0.07
0	Body	LTE Band4	20050	1720	1RB-High	Front	5mm	\	16.2	18	0.212	**0.32**	0.113	**0.17**	0.12
0	Body	LTE Band4	20050	1720	1RB-High	Rear	5mm	\	16.2	18	0.639	**0.97**	0.339	**0.51**	0.18
0	Body	LTE Band4	20175	1732.5	1RB-High	Rear	5mm	\	16.16	18	0.726	**1.11**	0.37	**0.57**	0.07
0	Body	LTE Band4	20300	1745	1RB-High	Rear	5mm	20	16.19	18	0.771	**1.17**	0.394	**0.60**	-0.12
0	Body	LTE Band4	20300	1745	100RB	Rear	5mm	\	15.23	16	0.523	**0.62**	0.267	**0.32**	0.12
0	Body	LTE Band4	20050	1720	50RB-High	Front	5mm	\	15.25	16	0.186	**0.22**	0.098	**0.12**	0.02
0	Body	LTE Band4	20050	1720	50RB-High	Rear	5mm	\	15.25	16	0.551	**0.65**	0.291	**0.35**	0.18
0	Body	LTE Band4	20050	1720	1RB-High	Front	10mm	\	16.2	18	0.097	**0.15**	0.058	**0.09**	-0.1
0	Body	LTE Band4	20050	1720	1RB-High	Rear	10mm	\	16.2	18	0.315	**0.48**	0.177	**0.27**	-0.14
0	Body	LTE Band4	20050	1720	1RB-High	Left	10mm	\	16.2	18	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band4	20050	1720	1RB-High	Right	10mm	\	16.2	18	0.038	**0.06**	0.016	**0.02**	0.12
0	Body	LTE Band4	20050	1720	1RB-High	Bottom	10mm	21	16.2	18	0.355	**0.54**	0.191	**0.29**	0.01
0	Body	LTE Band4	20050	1720	50RB-High	Front	10mm	\	15.25	16	0.089	**0.11**	0.051	**0.06**	0.11
0	Body	LTE Band4	20050	1720	50RB-High	Rear	10mm	\	15.25	16	0.279	**0.33**	0.155	**0.18**	0.07
0	Body	LTE Band4	20050	1720	50RB-High	Left	10mm	\	15.25	16	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band4	20050	1720	50RB-High	Right	10mm	\	15.25	16	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band4	20050	1720	50RB-High	Bottom	10mm	\	15.25	16	0.282	**0.34**	0.157	**0.19**	0.05
0	Body	LTE Band4	20050	1720	1RB-Middle	Front	5mm	Note1	14.46	16	0.131	**0.19**	0.064	**0.09**	0.14
0	Body	LTE Band4	20050	1720	1RB-Middle	Rear	5mm	Note1	14.46	16	0.427	**0.61**	0.217	**0.31**	0.15
0	Body	LTE Band4	20050	1720	50RB-High	Front	5mm	Note1	13.43	15	0.124	**0.18**	0.048	**0.07**	0.15
0	Body	LTE Band4	20050	1720	50RB-High	Rear	5mm	Note1	13.43	15	0.382	**0.55**	0.184	**0.26**	0.07
0	Body	LTE Band4	20050	1720	1RB-Middle	Front	10mm	Note1	14.46	16	0.06	**0.09**	0.035	**0.05**	0.08
0	Body	LTE Band4	20050	1720	1RB-Middle	Rear	10mm	Note1	14.46	16	0.183	**0.26**	0.102	**0.15**	-0.04
0	Body	LTE Band4	20050	1720	1RB-Middle	Left	10mm	Note1	14.46	16	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band4	20050	1720	1RB-Middle	Right	10mm	Note1	14.46	16	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band4	20050	1720	1RB-Middle	Bottom	10mm	Note1	14.46	16	0.227	**0.32**	0.122	**0.17**	-0.02
0	Body	LTE Band4	20050	1720	50RB-High	Front	10mm	Note1	13.43	15	0.065	**0.09**	0.037	**0.05**	-0.1
0	Body	LTE Band4	20050	1720	50RB-High	Rear	10mm	Note1	13.43	15	0.193	**0.28**	0.1106	**0.16**	-0.09
0	Body	LTE Band4	20050	1720	50RB-High	Left	10mm	Note1	13.43	15	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band4	20050	1720	50RB-High	Right	10mm	Note1	13.43	15	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band4	20050	1720	50RB-High	Bottom	10mm	Note1	13.43	15	0.21	**0.30**	0.112	**0.16**	-0.01

Note1: The results are only for ENDC.

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	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	Head	LTE Band5	20450	829	1RB-High	Cheek Left	0mm	\	23.85	25.5	0.175	**0.26**	0.138	**0.20**	-0.07
0	Head	LTE Band5	20450	829	1RB-High	Tilt Left	0mm	\	23.85	25.5	0.101	**0.15**	0.082	**0.12**	0.08
0	Head	LTE Band5	20450	829	1RB-High	Cheek Right	0mm	22	23.85	25.5	0.192	**0.28**	0.152	**0.22**	0.02
0	Head	LTE Band5	20450	829	1RB-High	Tilt Right	0mm	\	23.85	25.5	0.112	**0.16**	0.09	**0.13**	0.04
0	Head	LTE Band5	20450	829	25RB-Low	Cheek Left	0mm	\	22.81	24.5	0.14	**0.21**	0.108	**0.16**	0.15
0	Head	LTE Band5	20450	829	25RB-Low	Tilt Left	0mm	\	22.81	24.5	0.082	**0.12**	0.066	**0.10**	-0.09
0	Head	LTE Band5	20450	829	25RB-Low	Cheek Right	0mm	\	22.81	24.5	0.137	**0.20**	0.106	**0.16**	-0.17
0	Head	LTE Band5	20450	829	25RB-Low	Tilt Right	0mm	\	22.81	24.5	0.088	**0.13**	0.07	**0.10**	0.05
0	Body	LTE Band5	20450	829	1RB-High	Front	18mm	\	23.85	25.5	0.152	**0.22**	0.118	**0.17**	0.03
0	Body	LTE Band5	20450	829	1RB-High	Rear	21mm	\	23.85	25.5	0.169	**0.25**	0.13	**0.19**	0.01
0	Body	LTE Band5	20450	829	25RB-Low	Front	18mm	\	22.81	24.5	0.121	**0.18**	0.094	**0.14**	0.12
0	Body	LTE Band5	20450	829	25RB-Low	Rear	21mm	\	22.81	24.5	0.137	**0.20**	0.106	**0.16**	0.07
0	Body	LTE Band5	20450	829	1RB-High	Front	5mm	\	20.78	22.5	0.244	**0.36**	0.143	**0.21**	0.13
0	Body	LTE Band5	20450	829	1RB-High	Rear	5mm	23	20.78	22.5	0.53	**0.79**	0.299	**0.44**	0.03
0	Body	LTE Band5	20450	829	25RB-Low	Front	5mm	\	19.74	21.5	0.17	**0.25**	0.102	**0.15**	0.1
0	Body	LTE Band5	20450	829	25RB-Low	Rear	5mm	\	19.74	21.5	0.389	**0.58**	0.222	**0.33**	0.11
0	Body	LTE Band5	20450	829	1RB-Middle	Front	10mm	\	20.78	22.5	0.104	**0.15**	0.066	**0.10**	-0.12
0	Body	LTE Band5	20450	829	1RB-Middle	Rear	10mm	24	20.78	22.5	0.209	**0.31**	0.124	**0.18**	0.01
0	Body	LTE Band5	20450	829	1RB-Middle	Left	10mm	\	20.78	22.5	0.056	**0.08**	0.037	**0.05**	0.03
0	Body	LTE Band5	20450	829	1RB-Middle	Right	10mm	\	20.78	22.5	0.081	**0.12**	0.056	**0.08**	0.08
0	Body	LTE Band5	20450	829	1RB-Middle	Bottom	10mm	\	20.78	22.5	0.147	**0.22**	0.073	**0.11**	-0.06
0	Body	LTE Band5	20450	829	25RB-Low	Front	10mm	\	19.74	21.5	0.075	**0.11**	0.049	**0.07**	-0.12
0	Body	LTE Band5	20450	829	25RB-Low	Rear	10mm	\	19.74	21.5	0.145	**0.22**	0.087	**0.13**	0.18
0	Body	LTE Band5	20450	829	25RB-Low	Left	10mm	\	19.74	21.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band5	20450	829	25RB-Low	Right	10mm	\	19.74	21.5	0.059	**0.09**	0.041	**0.06**	-0.04
0	Body	LTE Band5	20450	829	25RB-Low	Bottom	10mm	\	19.74	21.5	0.105	**0.16**	0.057	**0.09**	-0.05
0	Body	LTE Band5	20450	829	1RB-High	Front	5mm	Note1	18.25	20	0.2	**0.30**	0.11	**0.16**	0.06
0	Body	LTE Band5	20450	829	1RB-High	Rear	5mm	Note1	18.25	20	0.427	**0.64**	0.217	**0.32**	0.15
0	Body	LTE Band5	20450	829	25RB-High	Front	5mm	Note1	17.2	19	0.141	**0.21**	0.079	**0.12**	-0.07
0	Body	LTE Band5	20450	829	25RB-High	Rear	5mm	Note1	17.2	19	0.327	**0.49**	0.165	**0.25**	0.03
0	Body	LTE Band5	20450	829	1RB-High	Front	10mm	Note1	18.25	20	0.059	**0.09**	0.036	**0.05**	0.12
0	Body	LTE Band5	20450	829	1RB-High	Rear	10mm	Note1	18.25	20	0.112	**0.17**	0.065	**0.10**	0.03
0	Body	LTE Band5	20450	829	1RB-High	Left	10mm	Note1	18.25	20	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band5	20450	829	1RB-High	Right	10mm	Note1	18.25	20	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band5	20450	829	1RB-High	Bottom	10mm	Note1	18.25	20	0.06	**0.09**	0.034	**0.05**	-0.03
0	Body	LTE Band5	20450	829	25RB-High	Front	10mm	Note1	17.2	19	0.045	**0.07**	0.028	**0.04**	0.07
0	Body	LTE Band5	20450	829	25RB-High	Rear	10mm	Note1	17.2	19	0.08	**0.12**	0.048	**0.07**	-0.08
0	Body	LTE Band5	20450	829	25RB-High	Left	10mm	Note1	17.2	19	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band5	20450	829	25RB-High	Right	10mm	Note1	17.2	19	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band5	20450	829	25RB-High	Bottom	10mm	Note1	17.2	19	0.047	**0.07**	0.027	**0.04**	0.03

Note1: The results are only for ENDC.

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	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
1	Head	LTE Band7	21350	2560	1RB-Middle	Cheek Left	0mm	25	23.82	25	0.601	**0.79**	0.328	**0.43**	-0.17
1	Head	LTE Band7	21350	2560	1RB-Middle	Tilt Left	0mm	\	23.82	25	0.242	**0.32**	0.121	**0.16**	-0.03
1	Head	LTE Band7	21350	2560	1RB-Middle	Cheek Right	0mm	\	23.82	25	0.394	**0.52**	0.227	**0.30**	-0.11
1	Head	LTE Band7	21350	2560	1RB-Middle	Tilt Right	0mm	\	23.82	25	0.322	**0.42**	0.172	**0.23**	0.17
1	Head	LTE Band7	21350	2560	50RB-Low	Cheek Left	0mm	\	22.75	24	0.569	**0.75**	0.314	**0.42**	0.11
1	Head	LTE Band7	21350	2560	50RB-Low	Tilt Left	0mm	\	22.75	24	0.226	**0.30**	0.119	**0.16**	0.11
1	Head	LTE Band7	21350	2560	50RB-Low	Cheek Right	0mm	\	22.75	24	0.371	**0.49**	0.213	**0.28**	-0.05
1	Head	LTE Band7	21350	2560	50RB-Low	Tilt Right	0mm	\	22.75	24	0.309	**0.41**	0.165	**0.22**	-0.18
1	Head	LTE Band7	21350	2560	ULCA_7C	Cheek Left	0mm	\	23.55	25	0.458	**0.64**	0.248	**0.35**	0.03
1	Head	LTE Band7	21350	2560	1RB-Middle	Cheek Left	0mm	SIM2	23.82	25	0.589	**0.77**	0.323	**0.42**	0.06
1	Head	LTE Band7	21350	2560	1RB-Middle	Cheek Left	0mm	Single SIM	23.82	25	0.574	**0.75**	0.314	**0.41**	-0.05
1	Head	LTE Band7	21350	2560	1RB-Low	Cheek Left	0mm	Note1	21.05	22.5	0.418	**0.58**	0.229	**0.32**	0.06
1	Head	LTE Band7	21350	2560	1RB-Low	Tilt Left	0mm	Note1	21.05	22.5	0.159	**0.22**	0.085	**0.12**	-0.02
1	Head	LTE Band7	21350	2560	1RB-Low	Cheek Right	0mm	Note1	21.05	22.5	0.311	**0.43**	0.183	**0.26**	0.06
1	Head	LTE Band7	21350	2560	1RB-Low	Tilt Right	0mm	Note1	21.05	22.5	0.234	**0.33**	0.124	**0.17**	-0.1
1	Head	LTE Band7	21350	2560	50RB-Middle	Cheek Left	0mm	Note1	20.06	21.5	0.334	**0.47**	0.184	**0.26**	0.05
1	Head	LTE Band7	21350	2560	50RB-Middle	Tilt Left	0mm	Note1	20.06	21.5	0.128	**0.18**	0.069	**0.10**	-0.07
1	Head	LTE Band7	21350	2560	50RB-Middle	Cheek Right	0mm	Note1	20.06	21.5	0.249	**0.35**	0.146	**0.20**	-0.17
1	Head	LTE Band7	21350	2560	50RB-Middle	Tilt Right	0mm	Note1	20.06	21.5	0.190	**0.26**	0.101	**0.14**	0.03
1	Body	LTE Band7	21350	2560	1RB-Middle	Front	17mm	\	23.82	25	0.382	**0.50**	0.207	**0.27**	0.09
1	Body	LTE Band7	21350	2560	1RB-Middle	Rear	20mm	\	23.82	25	0.388	**0.51**	0.211	**0.28**	-0.04
1	Body	LTE Band7	21350	2560	50RB-Low	Front	17mm	\	22.75	24	0.365	**0.49**	0.205	**0.27**	-0.1
1	Body	LTE Band7	21350	2560	50RB-Low	Rear	20mm	\	22.75	24	0.366	**0.49**	0.198	**0.26**	0.02
1	Body	LTE Band7	21350	2560	1RB-Low	Front	5mm	\	16.35	18	0.339	**0.50**	0.187	**0.27**	0.06
1	Body	LTE Band7	20850	2510	1RB-Low	Rear	5mm	\	16.32	18	0.599	**0.88**	0.295	**0.43**	-0.12
1	Body	LTE Band7	21100	2535	1RB-Middle	Rear	5mm	26	16.33	18	0.718	**1.05**	0.358	**0.53**	0.01
1	Body	LTE Band7	21350	2560	1RB-Low	Rear	5mm	\	16.35	18	0.669	**0.98**	0.315	**0.46**	0.03
1	Body	LTE Band7	21100	2535	100RB	Rear	5mm	\	15.32	17	0.534	**0.79**	0.257	**0.38**	-0.06
1	Body	LTE Band7	21350	2560	50RB-Mid	Front	5mm	\	15.35	17	0.29	**0.42**	0.157	**0.23**	0.05
1	Body	LTE Band7	21350	2560	50RB-Mid	Rear	5mm	\	15.35	17	0.518	**0.76**	0.249	**0.36**	0.17
1	Body	LTE Band7	21350	2560	ULCA_7C	Rear	5mm	\	16.15	18	0.564	**0.86**	0.285	**0.44**	0.06
1	Body	LTE Band7	21350	2560	1RB-Low	Front	10mm	\	16.35	18	0.18	**0.26**	0.094	**0.14**	0.03
1	Body	LTE Band7	21350	2560	1RB-Low	Rear	10mm	27	16.35	18	0.288	**0.42**	0.143	**0.21**	0.02
1	Body	LTE Band7	21350	2560	1RB-Low	Left	10mm	\	16.35	18	0.13	**0.19**	0.069	**0.10**	-0.05
1	Body	LTE Band7	21350	2560	1RB-Low	Bottom	10mm	\	16.35	18	0.156	**0.23**	0.075	**0.11**	0.07
1	Body	LTE Band7	21350	2560	50RB-Mid	Front	10mm	\	15.35	17	0.141	**0.21**	0.073	**0.11**	-0.06
1	Body	LTE Band7	21350	2560	50RB-Mid	Rear	10mm	\	15.35	17	0.232	**0.34**	0.113	**0.17**	0.01
1	Body	LTE Band7	21350	2560	50RB-Mid	Left	10mm	\	15.35	17	0.095	**0.14**	0.051	**0.07**	0.13
1	Body	LTE Band7	21350	2560	50RB-Mid	Bottom	10mm	\	15.35	17	0.132	**0.19**	0.065	**0.10**	-0.08
1	Body	LTE Band7	21350	2560	1RB-Low	Front	5mm	Note1	11.48	13	0.144	**0.20**	0.073	**0.10**	-0.06
1	Body	LTE Band7	21350	2560	1RB-Low	Rear	5mm	Note1	11.48	13	0.321	**0.46**	0.145	**0.21**	-0.03
1	Body	LTE Band7	21350	2560	50RB-Mid	Front	5mm	Note1	10.48	12	0.118	**0.17**	0.059	**0.08**	0.12
1	Body	LTE Band7	21350	2560	50RB-Mid	Rear	5mm	Note1	10.48	12	0.227	**0.32**	0.113	**0.16**	0.06
1	Body	LTE Band7	21350	2560	1RB-Low	Front	10mm	Note1	11.48	13	0.053	**0.08**	0.027	**0.04**	-0.05
1	Body	LTE Band7	21350	2560	1RB-Low	Rear	10mm	Note1	11.48	13	0.102	**0.14**	0.05	**0.07**	0.02
1	Body	LTE Band7	21350	2560	1RB-Low	Left	10mm	Note1	11.48	13	0.033	**0.05**	0.015	**0.02**	0.06
1	Body	LTE Band7	21350	2560	1RB-Low	Right	10mm	Note1	11.48	13	<0.01	<0.01	<0.01	<0.01	\
1	Body	LTE Band7	21350	2560	1RB-Low	Bottom	10mm	Note1	11.48	13	0.059	**0.08**	0.029	**0.04**	-0.01
1	Body	LTE Band7	21350	2560	50RB-Mid	Front	10mm	Note1	10.48	12	0.045	**0.06**	0.024	**0.03**	0.08
1	Body	LTE Band7	21350	2560	50RB-Mid	Rear	10mm	Note1	10.48	12	0.078	**0.11**	0.039	**0.06**	0.03
1	Body	LTE Band7	21350	2560	50RB-Mid	Left	10mm	Note1	10.48	12	<0.01	<0.01	<0.01	<0.01	\
1	Body	LTE Band7	21350	2560	50RB-Mid	Right	10mm	Note1	10.48	12	<0.01	<0.01	<0.01	<0.01	\
1	Body	LTE Band7	21350	2560	50RB-Mid	Bottom	10mm	Note1	10.48	12	0.046	**0.07**	0.023	**0.03**	-0.04

Note1: The results are only for ENDC.

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	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	Head	LTE Band12	23130	711	1RB-Low	Cheek Left	0mm	28	23.97	25.5	0.181	0.26	0.144	**0.20**	-0.14
0	Head	LTE Band12	23130	711	1RB-Low	Tilt Left	0mm	\	23.97	25.5	0.123	**0.17**	0.1	**0.14**	0.05
0	Head	LTE Band12	23130	711	1RB-Low	Cheek Right	0mm	\	23.97	25.5	0.178	**0.25**	0.141	**0.20**	0.01
0	Head	LTE Band12	23130	711	1RB-Low	Tilt Right	0mm	\	23.97	25.5	0.115	**0.16**	0.093	**0.13**	0.02
0	Head	LTE Band12	23130	711	25RB-Low	Cheek Left	0mm	\	22.99	24.5	0.132	**0.19**	0.105	**0.15**	-0.12
0	Head	LTE Band12	23130	711	25RB-Low	Tilt Left	0mm	\	22.99	24.5	0.084	**0.12**	0.07	**0.10**	0.13
0	Head	LTE Band12	23130	711	25RB-Low	Cheek Right	0mm	\	22.99	24.5	0.148	**0.21**	0.118	**0.17**	-0.12
0	Head	LTE Band12	23130	711	25RB-Low	Tilt Right	0mm	\	22.99	24.5	0.098	**0.14**	0.078	**0.11**	0.15
0	Body	LTE Band12	23130	711	1RB-Low	Front	5mm	\	23.97	25.5	0.272	**0.39**	0.18	**0.26**	-0.08
0	Body	LTE Band12	23130	711	1RB-Low	Rear	5mm	29	23.97	25.5	0.758	1.08	0.437	**0.62**	0.01
0	Body	LTE Band12	23130	711	50RB	Rear	5mm	\	22.89	24.5	0.593	**0.86**	0.347	**0.50**	0.06
0	Body	LTE Band12	23130	711	25RB-Low	Front	5mm	\	22.99	24.5	0.215	**0.30**	0.141	**0.20**	-0.05
0	Body	LTE Band12	23130	711	25RB-Low	Rear	5mm	\	22.99	24.5	0.595	**0.84**	0.343	**0.49**	0.12
0	Body	LTE Band12	23130	711	1RB-Low	Front	10mm	\	23.97	25.5	0.163	**0.23**	0.106	**0.15**	-0.15
0	Body	LTE Band12	23130	711	1RB-Low	Rear	10mm	30	23.97	25.5	0.272	0.39	0.175	**0.25**	0.03
0	Body	LTE Band12	23130	711	1RB-Low	Left	10mm	\	23.97	25.5	0.098	**0.14**	0.059	**0.08**	-0.18
0	Body	LTE Band12	23130	711	1RB-Low	Right	10mm	\	23.97	25.5	0.165	**0.23**	0.1	**0.14**	0.11
0	Body	LTE Band12	23130	711	1RB-Low	Bottom	10mm	\	23.97	25.5	0.129	**0.18**	0.056	**0.08**	-0.02
0	Body	LTE Band12	23130	711	25RB-Low	Front	10mm	\	22.99	24.5	0.132	**0.19**	0.085	**0.12**	-0.01
0	Body	LTE Band12	23130	711	25RB-Low	Rear	10mm	\	22.99	24.5	0.219	**0.31**	0.142	**0.20**	0.16
0	Body	LTE Band12	23130	711	25RB-Low	Left	10mm	\	22.99	24.5	0.089	**0.13**	0.053	**0.08**	0.05
0	Body	LTE Band12	23130	711	25RB-Low	Right	10mm	\	22.99	24.5	0.113	**0.16**	0.067	**0.09**	0.05
0	Body	LTE Band12	23130	711	25RB-Low	Bottom	10mm	\	22.99	24.5	0.081	**0.11**	0.039	**0.06**	-0.02
0	Body	LTE Band12	23130	711	1RB-Middle	Front	5mm	Note1	21.28	23	0.138	**0.21**	0.092	**0.14**	-0.06
0	Body	LTE Band12	23130	711	1RB-Middle	Rear	5mm	Note1	21.28	23	0.34	**0.51**	0.201	**0.30**	0.15
0	Body	LTE Band12	23130	711	25RB-Low	Front	5mm	Note1	20.35	22	0.106	**0.15**	0.072	**0.11**	0.14
0	Body	LTE Band12	23130	711	25RB-Low	Rear	5mm	Note1	20.35	22	0.292	**0.43**	0.164	**0.24**	0.11
0	Body	LTE Band12	23130	711	1RB-Middle	Front	10mm	Note1	21.28	23	0.107	**0.16**	0.079	**0.12**	0.13
0	Body	LTE Band12	23130	711	1RB-Middle	Rear	10mm	Note1	21.28	23	0.175	**0.26**	0.14	**0.21**	0.02
0	Body	LTE Band12	23130	711	1RB-Middle	Left	10mm	Note1	21.28	23	0.069	**0.10**	0.045	**0.07**	-0.06
0	Body	LTE Band12	23130	711	1RB-Middle	Right	10mm	Note1	21.28	23	0.086	**0.13**	0.058	**0.09**	-0.02
0	Body	LTE Band12	23130	711	1RB-Middle	Bottom	10mm	Note1	21.28	23	0.073	**0.11**	0.038	**0.06**	-0.16
0	Body	LTE Band12	23130	711	25RB-Low	Front	10mm	Note1	20.35	22	0.085	**0.12**	0.062	**0.09**	-0.15
0	Body	LTE Band12	23130	711	25RB-Low	Rear	10mm	Note1	20.35	22	0.145	**0.21**	0.105	**0.15**	-0.06
0	Body	LTE Band12	23130	711	25RB-Low	Left	10mm	Note1	20.35	22	0.054	**0.08**	0.036	**0.05**	-0.01
0	Body	LTE Band12	23130	711	25RB-Low	Right	10mm	Note1	20.35	22	0.058	**0.08**	0.039	**0.06**	-0.14
0	Body	LTE Band12	23130	711	25RB-Low	Bottom	10mm	Note1	20.35	22	0.063	**0.09**	0.032	**0.05**	0.17
0	Head	LTE Band13	23230	782	1RB-High	Cheek Left	0mm	\	24.05	25.5	0.126	**0.18**	0.089	**0.12**	-0.18
0	Head	LTE Band13	23230	782	1RB-High	Tilt Left	0mm	\	24.05	25.5	0.093	**0.13**	0.069	**0.10**	-0.12
0	Head	LTE Band13	23230	782	1RB-High	Cheek Right	0mm	31	24.05	25.5	0.14	0.20	0.112	**0.16**	0.07
0	Head	LTE Band13	23230	782	1RB-High	Tilt Right	0mm	\	24.05	25.5	0.105	**0.15**	0.076	**0.11**	-0.15
0	Head	LTE Band13	23230	782	25RB-Low	Cheek Left	0mm	\	23	24.5	0.108	**0.15**	0.077	**0.11**	0.08
0	Head	LTE Band13	23230	782	25RB-Low	Tilt Left	0mm	\	23	24.5	0.071	**0.10**	0.052	**0.07**	-0.12
0	Head	LTE Band13	23230	782	25RB-Low	Cheek Right	0mm	\	23	24.5	0.123	**0.17**	0.089	**0.13**	-0.16
0	Head	LTE Band13	23230	782	25RB-Low	Tilt Right	0mm	\	23	24.5	0.092	**0.13**	0.066	**0.09**	-0.15
0	Body	LTE Band13	23230	782	1RB-High	Front	5mm	\	24.05	25.5	0.338	**0.47**	0.208	**0.29**	0.05
0	Body	LTE Band13	23230	782	1RB-High	Rear	5mm	32	24.05	25.5	0.846	1.18	0.477	**0.67**	-0.01
0	Body	LTE Band13	23230	782	50RB	Rear	5mm	\	22.95	24.5	0.678	**0.97**	0.383	**0.55**	0.18
0	Body	LTE Band13	23230	782	25RB-Low	Front	5mm	\	23	24.5	0.251	**0.35**	0.164	**0.23**	-0.13
0	Body	LTE Band13	23230	782	25RB-Low	Rear	5mm	\	23	24.5	0.681	**0.96**	0.387	**0.55**	-0.14
0	Body	LTE Band13	23230	782	1RB-High	Front	10mm	\	24.05	25.5	0.133	**0.19**	0.08	**0.11**	0.17
0	Body	LTE Band13	23230	782	1RB-High	Rear	10mm	33	24.05	25.5	0.293	0.41	0.169	**0.24**	0.03
0	Body	LTE Band13	23230	782	1RB-High	Left	10mm	\	24.05	25.5	0.082	**0.11**	0.052	**0.07**	-0.09
0	Body	LTE Band13	23230	782	1RB-High	Right	10mm	\	24.05	25.5	0.106	**0.15**	0.068	**0.09**	0.14
0	Body	LTE Band13	23230	782	1RB-High	Bottom	10mm	\	24.05	25.5	0.241	**0.34**	0.118	**0.16**	0.08
0	Body	LTE Band13	23230	782	25RB-Low	Front	10mm	\	23	24.5	0.114	**0.16**	0.07	**0.10**	-0.03
0	Body	LTE Band13	23230	782	25RB-Low	Rear	10mm	\	23	24.5	0.247	**0.35**	0.137	**0.19**	-0.15
0	Body	LTE Band13	23230	782	25RB-Low	Left	10mm	\	23	24.5	0.049	**0.07**	0.03	**0.04**	-0.04
0	Body	LTE Band13	23230	782	25RB-Low	Right	10mm	\	23	24.5	0.108	**0.15**	0.069	**0.10**	0.1
0	Body	LTE Band13	23230	782	25RB-Low	Bottom	10mm	\	23	24.5	0.177	**0.25**	0.084	**0.12**	-0.17
0	Body	LTE Band13	23230	782	1RB-Low	Front	5mm	Note1	20.66	22.5	0.13	**0.20**	0.078	**0.12**	-0.07
0	Body	LTE Band13	23230	782	1RB-Low	Rear	5mm	Note1	20.66	22.5	0.325	**0.50**	0.178	**0.27**	0.01
0	Body	LTE Band13	23230	782	25RB-Middle	Front	5mm	Note1	19.61	21.5	0.106	**0.16**	0.066	**0.10**	-0.18
0	Body	LTE Band13	23230	782	25RB-Middle	Rear	5mm	Note1	19.61	21.5	0.231	**0.36**	0.126	**0.19**	-0.12
0	Body	LTE Band13	23230	782	1RB-Low	Front	10mm	Note1	20.66	22.5	0.065	**0.10**	0.041	**0.06**	0.04
0	Body	LTE Band13	23230	782	1RB-Low	Rear	10mm	Note1	20.66	22.5	0.155	**0.24**	0.09	**0.14**	-0.05
0	Body	LTE Band13	23230	782	1RB-Low	Left	10mm	Note1	20.66	22.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band13	23230	782	1RB-Low	Right	10mm	Note1	20.66	22.5	0.06	**0.09**	0.041	**0.06**	0.03
0	Body	LTE Band13	23230	782	1RB-Low	Bottom	10mm	Note1	20.66	22.5	0.094	**0.14**	0.05	**0.08**	0.03
0	Body	LTE Band13	23230	782	25RB-Middle	Front	10mm	Note1	19.61	21.5	0.05	**0.08**	0.032	**0.05**	0.14
0	Body	LTE Band13	23230	782	25RB-Middle	Rear	10mm	Note1	19.61	21.5	0.107	**0.17**	0.063	**0.10**	0.07
0	Body	LTE Band13	23230	782	25RB-Middle	Left	10mm	Note1	19.61	21.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band13	23230	782	25RB-Middle	Right	10mm	Note1	19.61	21.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band13	23230	782	25RB-Middle	Bottom	10mm	Note1	19.61	21.5	0.063	**0.10**	0.034	**0.05**	-0.18

Note1: The results are only for ENDC.

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	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	Head	LTE Band26	26865	831.5	1RB-Middle	Cheek Left	0mm	\	23.74	25.5	0.183	**0.27**	0.135	**0.20**	0.06
0	Head	LTE Band26	26865	831.5	1RB-Middle	Tilt Left	0mm	\	23.74	25.5	0.119	**0.18**	0.088	**0.13**	-0.17
0	Head	LTE Band26	26865	831.5	1RB-Middle	Cheek Right	0mm	34	23.74	25.5	0.196	**0.29**	0.155	**0.23**	-0.02
0	Head	LTE Band26	26865	831.5	1RB-Middle	Tilt Right	0mm	\	23.74	25.5	0.134	**0.20**	0.098	**0.15**	0.05
0	Head	LTE Band26	26865	831.5	36RB-Low	Cheek Left	0mm	\	22.75	24.5	0.137	**0.20**	0.097	**0.15**	-0.06
0	Head	LTE Band26	26865	831.5	36RB-Low	Tilt Left	0mm	\	22.75	24.5	0.088	**0.13**	0.065	**0.10**	-0.12
0	Head	LTE Band26	26865	831.5	36RB-Low	Cheek Right	0mm	\	22.75	24.5	0.158	**0.24**	0.114	**0.17**	0.02
0	Head	LTE Band26	26865	831.5	36RB-Low	Tilt Right	0mm	\	22.75	24.5	0.107	**0.16**	0.078	**0.12**	0.04
0	Body	LTE Band26	26865	831.5	1RB-Middle	Front	18mm	\	23.74	25.5	0.137	**0.21**	0.099	**0.15**	0.03
0	Body	LTE Band26	26865	831.5	1RB-Middle	Rear	21mm	\	23.74	25.5	0.151	**0.23**	0.116	**0.17**	0.01
0	Body	LTE Band26	26865	831.5	36RB-Low	Front	18mm	\	22.75	24.5	0.107	**0.16**	0.077	**0.12**	0.12
0	Body	LTE Band26	26865	831.5	36RB-Low	Rear	21mm	\	22.75	24.5	0.119	**0.18**	0.085	**0.13**	0.07
0	Body	LTE Band26	26865	831.5	1RB-Low	Front	5mm	\	21.83	23.5	0.324	**0.48**	0.197	**0.29**	0.08
0	Body	LTE Band26	26765	821.5	1RB-Low	Rear	5mm	\	21.82	23.5	0.599	**0.88**	0.348	**0.51**	-0.12
0	Body	LTE Band26	26865	831.5	1RB-Low	Rear	5mm	35	21.83	23.5	0.708	**1.04**	0.408	**0.60**	-0.05
0	Body	LTE Band26	26965	841.5	1RB-Low	Rear	5mm	\	21.79	23.5	0.693	**1.03**	0.4	**0.59**	0.04
0	Body	LTE Band26	26865	831.5	100RB	Rear	5mm	\	20.76	23.5	0.537	**1.01**	0.311	**0.58**	-0.03
0	Body	LTE Band26	26865	831.5	36RB-Low	Front	5mm	\	20.81	23.5	0.229	**0.43**	0.14	**0.26**	0.05
0	Body	LTE Band26	26865	831.5	36RB-Low	Rear	5mm	\	20.81	23.5	0.541	**1.01**	0.313	**0.58**	0.11
0	Body	LTE Band26	26865	831.5	1RB-Low	Front	10mm	\	21.83	23.5	0.132	**0.19**	0.082	**0.12**	0.06
0	Body	LTE Band26	26865	831.5	1RB-Low	Rear	10mm	36	21.83	23.5	0.243	**0.36**	0.144	**0.21**	-0.03
0	Body	LTE Band26	26865	831.5	1RB-Low	Left	10mm	\	21.83	23.5	0.056	**0.08**	0.035	**0.05**	-0.04
0	Body	LTE Band26	26865	831.5	1RB-Low	Right	10mm	\	21.83	23.5	0.089	**0.13**	0.06	**0.09**	-0.14
0	Body	LTE Band26	26865	831.5	1RB-Low	Bottom	10mm	\	21.83	23.5	0.184	**0.27**	0.088	**0.13**	0.03
0	Body	LTE Band26	26865	831.5	36RB-Low	Front	10mm	\	20.81	23.5	0.095	**0.18**	0.058	**0.11**	-0.07
0	Body	LTE Band26	26865	831.5	36RB-Low	Rear	10mm	\	20.81	23.5	0.183	**0.34**	0.108	**0.20**	-0.09
0	Body	LTE Band26	26865	831.5	36RB-Low	Left	10mm	\	20.81	23.5	0.048	**0.09**	0.03	**0.06**	-0.17
0	Body	LTE Band26	26865	831.5	36RB-Low	Right	10mm	\	20.81	23.5	0.059	**0.11**	0.04	**0.07**	0.03
0	Body	LTE Band26	26865	831.5	36RB-Low	Bottom	10mm	\	20.81	23.5	0.136	**0.25**	0.066	**0.12**	0.05
0	Body	LTE Band26	26865	831.5	1RB-Low	Front	5mm	Note1	19.89	21.5	0.164	**0.24**	0.118	**0.17**	-0.1
0	Body	LTE Band26	26865	831.5	1RB-Low	Rear	5mm	Note1	19.89	21.5	0.421	**0.61**	0.237	**0.34**	0.01
0	Body	LTE Band26	26865	831.5	36RB-Low	Front	5mm	Note1	18.83	20.5	0.138	**0.20**	0.084	**0.12**	-0.13
0	Body	LTE Band26	26865	831.5	36RB-Low	Rear	5mm	Note1	18.83	20.5	0.295	**0.43**	0.168	**0.25**	0.08
0	Body	LTE Band26	26865	831.5	1RB-Low	Front	10mm	Note1	19.89	21.5	0.082	**0.12**	0.051	**0.07**	0.13
0	Body	LTE Band26	26865	831.5	1RB-Low	Rear	10mm	Note1	19.89	21.5	0.147	**0.21**	0.087	**0.13**	-0.02
0	Body	LTE Band26	26865	831.5	1RB-Low	Left	10mm	Note1	19.89	21.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band26	26865	831.5	1RB-Low	Right	10mm	Note1	19.89	21.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band26	26865	831.5	1RB-Low	Bottom	10mm	Note1	19.89	21.5	0.087	**0.13**	0.044	**0.06**	0.09
0	Body	LTE Band26	26865	831.5	36RB-Low	Front	10mm	Note1	18.83	20.5	0.059	**0.09**	0.037	**0.05**	-0.09
0	Body	LTE Band26	26865	831.5	36RB-Low	Rear	10mm	Note1	18.83	20.5	0.118	**0.17**	0.07	**0.10**	
0	Body	LTE Band26	26865	831.5	36RB-Low	Left	10mm	Note1	18.83	20.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band26	26865	831.5	36RB-Low	Right	10mm	Note1	18.83	20.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band26	26865	831.5	36RB-Low	Bottom	10mm	Note1	18.83	20.5	0.057	**0.08**	0.03	**0.04**	0.18
1	Head	LTE Band38	37850	2580	1RB-Low	Cheek Left	0mm	37	23.64	25	0.342	**0.47**	0.188	**0.26**	-0.1
1	Head	LTE Band38	37850	2580	1RB-Low	Tilt Left	0mm	\	23.64	25	0.119	**0.16**	0.062	**0.08**	-0.07
1	Head	LTE Band38	37850	2580	1RB-Low	Cheek Right	0mm	\	23.64	25	0.189	**0.26**	0.116	**0.16**	-0.16
1	Head	LTE Band38	37850	2580	1RB-Low	Tilt Right	0mm	\	23.64	25	0.202	**0.28**	0.11	**0.15**	-0.13
1	Head	LTE Band38	37850	2580	50RB-Low	Cheek Left	0mm	\	22.57	24	0.262	**0.36**	0.148	**0.21**	0.06
1	Head	LTE Band38	37850	2580	50RB-Low	Tilt Left	0mm	\	22.57	24	0.097	**0.13**	0.051	**0.07**	0.18
1	Head	LTE Band38	37850	2580	50RB-Low	Cheek Right	0mm	\	22.57	24	0.156	**0.22**	0.096	**0.13**	-0.18
1	Head	LTE Band38	37850	2580	50RB-Low	Tilt Right	0mm	\	22.57	24	0.162	**0.23**	0.088	**0.12**	-0.08
1	Head	LTE Band38	37850	2580	ULCA_38C	Cheek Left	0mm	\	23.58	25	0.258	**0.36**	0.151	**0.21**	0.06
1	Body	LTE Band38	37850	2580	1RB-Low	Front	17mm	\	23.64	25	0.223	**0.31**	0.116	**0.16**	0.03
1	Body	LTE Band38	37850	2580	1RB-Low	Rear	20mm	\	23.64	25	0.234	**0.32**	0.127	**0.17**	-0.12
1	Body	LTE Band38	37850	2580	50RB-Low	Front	17mm	\	22.57	24	0.187	**0.26**	0.095	**0.13**	0.01
1	Body	LTE Band38	37850	2580	50RB-Low	Rear	20mm	\	22.57	24	0.185	**0.26**	0.099	**0.14**	-0.02
1	Body	LTE Band38	37850	2580	1RB-Low	Front	5mm	\	17.78	19.5	0.34	**0.51**	0.172	**0.26**	0.06
1	Body	LTE Band38	37850	2580	1RB-Low	Rear	5mm	38	17.78	19.5	0.676	**1.00**	0.305	**0.45**	-0.01
1	Body	LTE Band38	38000	2595	1RB-Low	Rear	5mm	\	17.77	19.5	0.582	**0.87**	0.276	**0.41**	-0.03
1	Body	LTE Band38	38150	2610	1RB-Low	Rear	5mm	\	17.75	19.5	0.575	**0.86**	0.269	**0.40**	0.12
1	Body	LTE Band38	37850	2580	100RB	Rear	5mm	\	16.72	18.5	0.492	**0.74**	0.235	**0.35**	0.06
1	Body	LTE Band38	37850	2580	50RB-Low	Front	5mm	\	16.77	18.5	0.269	**0.40**	0.136	**0.20**	0.03
1	Body	LTE Band38	37850	2580	50RB-Low	Rear	5mm	\	16.77	18.5	0.486	**0.72**	0.231	**0.34**	0.13
1	Body	LTE Band38	37850	2580	ULCA_38C	Rear	5mm	\	17.54	19.5	0.543	**0.85**	0.241	**0.38**	0.04
1	Body	LTE Band38	37850	2580	1RB-Low	Front	10mm	\	17.78	19.5	0.129	**0.19**	0.069	**0.10**	0.06
1	Body	LTE Band38	37850	2580	1RB-Low	Rear	10mm	39	17.78	19.5	0.228	**0.34**	0.111	**0.16**	0.07
1	Body	LTE Band38	37850	2580	1RB-Low	Left	10mm	\	17.78	19.5	0.061	**0.09**	0.033	**0.05**	-0.05
1	Body	LTE Band38	37850	2580	1RB-Low	Bottom	10mm	\	17.78	19.5	0.115	**0.17**	0.058	**0.09**	0.05
1	Body	LTE Band38	37850	2580	50RB-Low	Front	10mm	\	16.77	18.5	0.092	**0.14**	0.049	**0.07**	0.04
1	Body	LTE Band38	37850	2580	50RB-Low	Rear	10mm	\	16.77	18.5	0.177	**0.26**	0.087	**0.13**	-0.14
1	Body	LTE Band38	37850	2580	50RB-Low	Left	10mm	\	16.77	18.5	0.059	**0.09**	0.032	**0.05**	-0.07
1	Body	LTE Band38	37850	2580	50RB-Low	Bottom	10mm	\	16.77	18.5	0.1	**0.15**	0.049	**0.07**	0.03
1	Body	LTE Band38	37850	2580	1RB-Middle	Front	5mm	Note1	14.91	16.5	0.164	**0.24**	0.084	**0.12**	0.03
1	Body	LTE Band38	37850	2580	1RB-Middle	Rear	5mm	Note1	14.91	16.5	0.332	**0.48**	0.163	**0.24**	0.06
1	Body	LTE Band38	37850	2580	50RB-Middle	Front	5mm	Note1	13.93	15.5	0.126	**0.18**	0.065	**0.09**	-0.05
1	Body	LTE Band38	37850	2580	50RB-Middle	Rear	5mm	Note1	13.93	15.5	0.269	**0.39**	0.129	**0.19**	0.12
1	Body	LTE Band38	37850	2580	1RB-Middle	Front	10mm	Note1	14.91	16.5	0.076	**0.11**	0.04	**0.06**	0.03
1	Body	LTE Band38	37850	2580	1RB-Middle	Rear	10mm	Note1	14.91	16.5	0.134	**0.19**	0.066	**0.10**	-0.06
1	Body	LTE Band38	37850	2580	1RB-Middle	Left	10mm	Note1	14.91	16.5	0.043	**0.06**	0.023	**0.03**	-0.12
1	Body	LTE Band38	37850	2580	1RB-Middle	Bottom	10mm	Note1	14.91	16.5	0.08	**0.12**	0.04	**0.06**	-0.12
1	Body	LTE Band38	37850	2580	50RB-Middle	Front	10mm	Note1	13.93	15.5	0.059	**0.08**	0.032	**0.05**	0.07
1	Body	LTE Band38	37850	2580	50RB-Middle	Rear	10mm	Note1	13.93	15.5	0.115	**0.17**	0.057	**0.08**	0.03
1	Body	LTE Band38	37850	2580	50RB-Middle	Left	10mm	Note1	13.93	15.5	0.046	**0.07**	0.024	**0.03**	0.08
1	Body	LTE Band38	37850	2580	50RB-Middle	Bottom	10mm	Note1	13.93	15.5	0.079	**0.11**	0.041	**0.06**	-0.14

Note1: The results are only for ENDC.

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	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
1	Head	LTE Band41	41055	2636.5	1RB-Low	Cheek Left	0mm	40	23.62	25	0.238	0.33	0.13	**0.18**	-0.11
1	Head	LTE Band41	41055	2636.5	1RB-Low	Tilt Left	0mm	\	23.62	25	0.099	**0.14**	0.055	**0.08**	-0.11
1	Head	LTE Band41	41055	2636.5	1RB-Low	Cheek Right	0mm	\	23.62	25	0.149	**0.20**	0.087	**0.12**	0.02
1	Head	LTE Band41	41055	2636.5	1RB-Low	Tilt Right	0mm	\	23.62	25	0.165	**0.23**	0.089	**0.12**	-0.15
1	Head	LTE Band41	41055	2636.5	50RB-Low	Cheek Left	0mm	\	22.62	24	0.184	**0.25**	0.1	**0.14**	0.1
1	Head	LTE Band41	41055	2636.5	50RB-Low	Tilt Left	0mm	\	22.62	24	0.07	**0.10**	0.039	**0.05**	-0.04
1	Head	LTE Band41	41055	2636.5	50RB-Low	Cheek Right	0mm	\	22.62	24	0.112	**0.15**	0.065	**0.09**	-0.13
1	Head	LTE Band41	41055	2636.5	50RB-Low	Tilt Right	0mm	\	22.62	24	0.131	**0.18**	0.071	**0.10**	-0.06
1	Body	LTE Band41	41055	2636.5	1RB-Low	Front	17mm	\	23.62	25	0.169	**0.23**	0.09	**0.12**	0.05
1	Body	LTE Band41	41055	2636.5	1RB-Low	Rear	20mm	\	23.62	25	0.173	**0.24**	0.093	**0.13**	0.06
1	Body	LTE Band41	41055	2636.5	50RB-Low	Front	17mm	\	22.62	24	0.132	**0.18**	0.072	**0.10**	-0.05
1	Body	LTE Band41	41055	2636.5	50RB-Low	Rear	20mm	\	22.62	24	0.137	**0.19**	0.072	**0.10**	-0.11
1	Body	LTE Band41	41055	2636.5	1RB-Low	Front	5mm	\	18.46	20	0.221	**0.32**	0.113	**0.16**	0.06
1	Body	LTE Band41	39750	2506	1RB-High	Rear	5mm	\	18.11	20	0.423	**0.65**	0.124	**0.19**	-0.05
1	Body	LTE Band41	40185	2549.5	1RB-Low	Rear	5mm	41	18.44	20	0.62	0.89	0.273	**0.39**	-0.14
1	Body	LTE Band41	40620	2593	1RB-Low	Rear	5mm	\	18.29	20	0.574	**0.85**	0.254	**0.38**	0.11
1	Body	LTE Band41	41055	2636.5	1RB-Low	Rear	5mm	\	18.46	20	0.516	**0.74**	0.152	**0.22**	0.03
1	Body	LTE Band41	41490	2680	1RB-Low	Rear	5mm	\	18.25	20	0.431	**0.64**	0.186	**0.28**	0.07
1	Body	LTE Band41	41055	2636.5	50RB-Low	Front	5mm	\	17.49	19	0.172	**0.24**	0.086	**0.12**	-0.05
1	Body	LTE Band41	41055	2636.5	50RB-Low	Rear	5mm	\	17.49	19	0.374	**0.53**	0.171	**0.24**	0.07
1	Body	LTE Band41	41055	2636.5	1RB-Low	Front	10mm	\	18.46	20	0.118	**0.17**	0.063	**0.09**	0.03
1	Body	LTE Band41	41055	2636.5	1RB-Low	Rear	10mm	42	18.46	20	0.226	0.32	0.108	**0.15**	-0.08
1	Body	LTE Band41	41055	2636.5	1RB-Low	Left	10mm	\	18.46	20	0.074	**0.11**	0.04	**0.06**	-0.11
1	Body	LTE Band41	41055	2636.5	1RB-Low	Bottom	10mm	\	18.46	20	0.138	**0.20**	0.067	**0.10**	0.07
1	Body	LTE Band41	41055	2636.5	50RB-Low	Front	10mm	\	17.49	19	0.097	**0.14**	0.052	**0.07**	0.02
1	Body	LTE Band41	41055	2636.5	50RB-Low	Rear	10mm	\	17.49	19	0.177	**0.25**	0.088	**0.12**	-0.01
1	Body	LTE Band41	41055	2636.5	50RB-Low	Left	10mm	\	17.49	19	0.046	**0.07**	0.025	**0.04**	0.07
1	Body	LTE Band41	41055	2636.5	50RB-Low	Bottom	10mm	\	17.49	19	0.098	**0.14**	0.05	**0.07**	-0.14
1	Body	LTE Band41	41055	2636.5	1RB-Low	Front	5mm	Note1	14.47	16	0.105	**0.15**	0.052	**0.07**	0.03
1	Body	LTE Band41	41055	2636.5	1RB-Low	Rear	5mm	Note1	14.47	16	0.231	**0.33**	0.102	**0.15**	-0.08
1	Body	LTE Band41	41055	2636.5	50RB-Low	Front	5mm	Note1	13.41	15	0.081	**0.12**	0.04	**0.06**	-0.02
1	Body	LTE Band41	41055	2636.5	50RB-Low	Rear	5mm	Note1	13.41	15	0.202	**0.29**	0.084	**0.12**	-0.05
1	Body	LTE Band41	41055	2636.5	1RB-Low	Front	10mm	Note1	14.47	16	0.044	**0.06**	0.024	**0.03**	0.11
1	Body	LTE Band41	41055	2636.5	1RB-Low	Rear	10mm	Note1	14.47	16	0.082	**0.12**	0.039	**0.06**	-0.08
1	Body	LTE Band41	41055	2636.5	1RB-Low	Left	10mm	Note1	14.47	16	<0.01	<0.01	<0.01	<0.01	\
1	Body	LTE Band41	41055	2636.5	1RB-Low	Bottom	10mm	Note1	14.47	16	0.049	**0.07**	0.025	**0.04**	0.05
1	Body	LTE Band41	41055	2636.5	50RB-Low	Front	10mm	Note1	13.41	15	0.032	**0.05**	0.017	**0.02**	\
1	Body	LTE Band41	41055	2636.5	50RB-Low	Rear	10mm	Note1	13.41	15	0.071	**0.10**	0.027	**0.04**	-0.06
1	Body	LTE Band41	41055	2636.5	50RB-Low	Left	10mm	Note1	13.41	15	<0.01	<0.01	<0.01	<0.01	\
1	Body	LTE Band41	41055	2636.5	50RB-Low	Bottom	10mm	Note1	13.41	15	0.042	**0.06**	0.021	**0.03**	0.07
0	Head	LTE Band66	132072	1720	1RB-Low	Cheek Left	0mm	\	23.76	25	0.044	**0.06**	0.029	**0.04**	-0.18
0	Head	LTE Band66	132072	1720	1RB-Low	Tilt Left	0mm	\	23.76	25	<0.01	<0.01	<0.01	<0.01	\
0	Head	LTE Band66	132072	1720	1RB-Low	Cheek Right	0mm	43	23.76	25	0.082	0.11	0.054	**0.07**	0.05
0	Head	LTE Band66	132072	1720	1RB-Low	Tilt Right	0mm	\	23.76	25	<0.01	<0.01	<0.01	<0.01	\
0	Head	LTE Band66	132072	1720	50RB-Middle	Cheek Left	0mm	\	22.73	24	0.031	**0.04**	0.022	**0.03**	-0.01
0	Head	LTE Band66	132072	1720	50RB-Middle	Tilt Left	0mm	\	22.73	24	<0.01	<0.01	<0.01	<0.01	\
0	Head	LTE Band66	132072	1720	50RB-Middle	Cheek Right	0mm	\	22.73	24	0.055	**0.07**	0.034	**0.05**	-0.16
0	Head	LTE Band66	132072	1720	50RB-Middle	Tilt Right	0mm	\	22.73	24	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band66	132072	1720	1RB-Low	Front	18mm	\	23.76	25	0.19	**0.25**	0.118	**0.16**	0.02
0	Body	LTE Band66	132072	1720	1RB-Low	Rear	21mm	\	23.76	25	0.404	**0.54**	0.247	**0.33**	-0.03
0	Body	LTE Band66	132072	1720	50RB-Middle	Front	18mm	\	22.73	24	0.165	**0.22**	0.102	**0.14**	-0.02
0	Body	LTE Band66	132572	1770	50RB-Middle	Rear	21mm	\	22.73	24	0.345	**0.46**	0.211	**0.28**	0.08
0	Body	LTE Band66	132072	1720	1RB-Low	Front	5mm	\	16.4	18	0.227	**0.33**	0.113	**0.16**	0.05
0	Body	LTE Band66	132572	1770	1RB-Low	Rear	5mm	\	16.39	18	0.566	**0.82**	0.281	**0.41**	0.09
0	Body	LTE Band66	132322	1745	1RB-Low	Rear	5mm	44	16.34	18	0.804	1.18	0.41	**0.60**	-0.04
0	Body	LTE Band66	132072	1720	1RB-Low	Rear	5mm	\	16.4	18	0.748	**1.08**	0.377	**0.54**	0.09
0	Body	LTE Band66	132322	1745	100RB	Rear	5mm	\	15.43	17	0.651	**0.93**	0.305	**0.44**	0.03
0	Body	LTE Band66	132072	1720	50RB-High	Front	5mm	\	15.45	17	0.187	**0.27**	0.093	**0.13**	-0.1
0	Body	LTE Band66	132572	1770	50RB-High	Rear	5mm	\	15.45	17	0.664	**0.95**	0.321	**0.46**	0.04
0	Body	LTE Band66	132322	1745	50RB-High	Rear	5mm	\	15.45	17	0.657	**0.94**	0.316	**0.45**	-0.08
0	Body	LTE Band66	132572	1770	50RB-High	Rear	5mm	\	15.45	17	0.619	**0.88**	0.297	**0.42**	0.02
0	Body	LTE Band66	132322	1745	1RB-Low	Rear	5mm	SIM2	16.34	18	0.787	**1.15**	0.401	**0.59**	0.12
0	Body	LTE Band66	132322	1745	1RB-Low	Rear	5mm	Single SIM	16.34	18	0.795	**1.17**	0.405	**0.59**	0.03
0	Body	LTE Band66	132072	1720	1RB-Low	Front	10mm	\	16.4	18	0.093	**0.13**	0.054	**0.08**	-0.08
0	Body	LTE Band66	132072	1720	1RB-Low	Rear	10mm	\	16.4	18	0.302	**0.44**	0.165	**0.24**	0.03
0	Body	LTE Band66	132072	1720	1RB-Low	Left	10mm	\	16.4	18	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band66	132072	1720	1RB-Low	Right	10mm	\	16.4	18	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band66	132072	1720	1RB-Low	Bottom	10mm	45	16.4	18	0.383	0.55	0.205	**0.30**	-0.01
0	Body	LTE Band66	132072	1720	50RB-High	Front	10mm	\	15.45	17	0.079	**0.11**	0.045	**0.06**	0.02
0	Body	LTE Band66	132072	1720	50RB-High	Rear	10mm	\	15.45	17	0.247	**0.35**	0.137	**0.20**	-0.13
0	Body	LTE Band66	132072	1720	50RB-High	Left	10mm	\	15.45	17	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band66	132072	1720	50RB-High	Right	10mm	\	15.45	17	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band66	132072	1720	50RB-High	Bottom	10mm	\	15.45	17	0.311	**0.44**	0.167	**0.24**	0.01
0	Body	LTE Band66	132072	1720	1RB-Middle	Front	5mm	Note1	13.93	15.5	0.134	**0.19**	0.066	**0.09**	-0.11
0	Body	LTE Band66	132072	1720	1RB-Middle	Rear	5mm	Note1	13.93	15.5	0.415	**0.60**	0.21	**0.30**	0.07
0	Body	LTE Band66	132072	1720	50RB-High	Front	5mm	Note1	12.95	14.5	0.12	**0.17**	0.061	**0.09**	0.15
0	Body	LTE Band66	132572	1770	50RB-High	Rear	5mm	Note1	12.95	14.5	0.384	**0.55**	0.186	**0.27**	-0.07
0	Body	LTE Band66	132072	1720	1RB-Middle	Front	10mm	Note1	13.93	15.5	0.063	**0.09**	0.034	**0.05**	0.05
0	Body	LTE Band66	132072	1720	1RB-Middle	Rear	10mm	Note1	13.93	15.5	0.196	**0.28**	0.101	**0.14**	-0.02
0	Body	LTE Band66	132072	1720	1RB-Middle	Left	10mm	Note1	13.93	15.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band66	132072	1720	1RB-Middle	Right	10mm	Note1	13.93	15.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band66	132072	1720	1RB-Middle	Bottom	10mm	Note1	13.93	15.5	0.209	**0.30**	0.113	**0.16**	0.03
0	Body	LTE Band66	132072	1720	50RB-High	Front	10mm	Note1	12.95	14.5	0.058	**0.08**	0.031	**0.04**	0.05
0	Body	LTE Band66	132072	1720	50RB-High	Rear	10mm	Note1	12.95	14.5	0.176	**0.25**	0.091	**0.13**	0.16
0	Body	LTE Band66	132072	1720	50RB-High	Left	10mm	Note1	12.95	14.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band66	132072	1720	50RB-High	Right	10mm	Note1	12.95	14.5	<0.01	<0.01	<0.01	<0.01	\
0	Body	LTE Band66	132072	1720	50RB-High	Bottom	10mm	Note1	12.95	14.5	0.191	**0.27**	0.101	**0.14**	0.02

Note1: The results are only for ENDC.

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	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
2	Head	LTE Band2	18900	1880	1RB-Middle	Cheek Left	0mm	\	23.3	25	0.116	**0.17**	0.065	**0.10**	0.15
2	Head	LTE Band2	18900	1880	1RB-Middle	Tilt Left	0mm	\	23.3	25	0.079	**0.12**	0.041	**0.06**	-0.07
2	Head	LTE Band2	18900	1880	1RB-Middle	Cheek Right	0mm	46	23.3	25	0.224	**0.33**	0.117	**0.17**	0.07
2	Head	LTE Band2	18900	1880	1RB-Middle	Tilt Right	0mm	\	23.3	25	0.141	**0.21**	0.071	**0.11**	0.13
2	Head	LTE Band2	18900	1880	50RB-High	Cheek Left	0mm	\	22.29	24	0.098	**0.15**	0.054	**0.08**	-0.16
2	Head	LTE Band2	18900	1880	50RB-High	Tilt Left	0mm	\	22.29	24	0.066	**0.10**	0.035	**0.05**	-0.11
2	Head	LTE Band2	18900	1880	50RB-High	Cheek Right	0mm	\	22.29	24	0.201	**0.30**	0.101	**0.15**	0.15
2	Head	LTE Band2	18900	1880	50RB-High	Tilt Right	0mm	\	22.29	24	0.113	**0.17**	0.057	**0.08**	-0.01
2	Body	LTE Band2	18900	1880	1RB-Middle	Front	15mm	\	23.3	25	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band2	18900	1880	1RB-Middle	Rear	19mm	\	23.3	25	0.086	**0.13**	0.048	**0.07**	0.09
2	Body	LTE Band2	18900	1880	50RB-High	Front	15mm	\	22.29	24	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band2	18900	1880	50RB-High	Rear	19mm	\	22.29	24	0.065	**0.10**	0.036	**0.05**	0.03
2	Body	LTE Band2	18900	1880	1RB-High	Front	5mm	\	19.55	21	0.053	**0.07**	0.027	**0.04**	-0.12
2	Body	LTE Band2	18900	1880	1RB-High	Rear	5mm	\	19.55	21	0.382	**0.53**	0.169	**0.24**	-0.03
2	Body	LTE Band2	18900	1880	50RB-High	Front	5mm	\	19.53	21	0.05	**0.07**	0.026	**0.04**	0.1
2	Body	LTE Band2	18900	1880	50RB-High	Rear	5mm	47	19.53	21	0.426	**0.60**	0.185	**0.26**	0.03
2	Body	LTE Band2	18900	1880	1RB-High	Front	10mm	\	19.55	21	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band2	18900	1880	1RB-High	Rear	10mm	48	19.55	21	0.145	**0.20**	0.063	**0.09**	0.03
2	Body	LTE Band2	18900	1880	1RB-High	Left	10mm	\	19.55	21	0.083	**0.12**	0.043	**0.06**	0.07
2	Body	LTE Band2	18900	1880	1RB-High	Top	10mm	\	19.55	21	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band2	18900	1880	50RB-High	Front	10mm	\	19.53	21	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band2	18900	1880	50RB-High	Rear	10mm	\	19.53	21	0.127	**0.18**	0.061	**0.09**	-0.12
2	Body	LTE Band2	18900	1880	50RB-High	Left	10mm	\	19.53	21	0.084	**0.12**	0.042	**0.06**	0.07
2	Body	LTE Band2	18900	1880	50RB-High	Top	10mm	\	19.53	21	<0.01	<0.01	<0.01	<0.01	\
2	Head	LTE Band4	20300	1745	1RB-Low	Cheek Left	0mm	\	23.38	25	0.085	**0.12**	0.053	**0.08**	0.16
2	Head	LTE Band4	20300	1745	1RB-Low	Tilt Left	0mm	\	23.38	25	0.052	**0.08**	0.033	**0.05**	0.18
2	Head	LTE Band4	20300	1745	1RB-Low	Cheek Right	0mm	49	23.38	25	0.245	**0.36**	0.127	**0.18**	0.06
2	Head	LTE Band4	20300	1745	1RB-Low	Tilt Right	0mm	\	23.38	25	0.103	**0.15**	0.059	**0.09**	0.02
2	Head	LTE Band4	20300	1745	50RB-Middle	Cheek Left	0mm	\	22.34	24	0.071	**0.10**	0.044	**0.06**	-0.14
2	Head	LTE Band4	20300	1745	50RB-Middle	Tilt Left	0mm	\	22.34	24	0.051	**0.07**	0.031	**0.05**	0.18
2	Head	LTE Band4	20300	1745	50RB-Middle	Cheek Right	0mm	\	22.34	24	0.16	**0.23**	0.091	**0.13**	-0.02
2	Head	LTE Band4	20300	1745	50RB-Middle	Tilt Right	0mm	\	22.34	24	0.079	**0.12**	0.045	**0.07**	-0.02
2	Body	LTE Band4	20300	1745	1RB-Low	Front	15mm	\	23.38	25	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band4	20300	1745	1RB-Low	Rear	19mm	\	23.38	25	0.091	**0.13**	0.051	**0.07**	0.09
2	Body	LTE Band4	20300	1745	50RB-Middle	Front	15mm	\	22.34	24	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band4	20300	1745	50RB-Middle	Rear	19mm	\	22.34	24	0.072	**0.11**	0.04	**0.06**	-0.03
2	Body	LTE Band4	20300	1745	1RB-Low	Front	5mm	\	18.81	20.5	0.043	**0.06**	0.021	**0.03**	-0.09
2	Body	LTE Band4	20300	1745	1RB-Low	Rear	5mm	\	18.81	20.5	0.415	**0.61**	0.168	**0.25**	0.05
2	Body	LTE Band4	20300	1745	50RB-Middle	Front	5mm	\	18.77	20.5	0.041	**0.06**	0.02	**0.03**	0.11
2	Body	LTE Band4	20300	1745	50RB-Middle	Rear	5mm	50	18.77	20.5	0.42	**0.63**	0.176	**0.26**	0.01
2	Body	LTE Band4	20300	1745	1RB-Low	Front	10mm	\	18.81	20.5	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band4	20300	1745	1RB-Low	Rear	10mm	51	18.81	20.5	0.168	**0.25**	0.081	**0.12**	0.02
2	Body	LTE Band4	20300	1745	1RB-Low	Left	10mm	\	18.81	20.5	0.095	**0.14**	0.05	**0.07**	0.03
2	Body	LTE Band4	20300	1745	1RB-Low	Top	10mm	\	18.81	20.5	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band4	20300	1745	50RB-Middle	Front	10mm	\	18.77	20.5	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band4	20300	1745	50RB-Middle	Rear	10mm	\	18.77	20.5	0.161	**0.24**	0.08	**0.12**	\
2	Body	LTE Band4	20300	1745	50RB-Middle	Left	10mm	\	18.77	20.5	0.079	**0.12**	0.042	**0.06**	-0.05
2	Body	LTE Band4	20300	1745	50RB-Middle	Top	10mm	\	18.77	20.5	<0.01	<0.01	<0.01	<0.01	\
2	Head	LTE Band7	21100	2535	1RB-Middle	Cheek Left	0mm	\	19.55	21	0.136	**0.19**	0.074	**0.10**	0.03
2	Head	LTE Band7	21100	2535	1RB-Middle	Tilt Left	0mm	\	19.55	21	0.106	**0.15**	0.052	**0.07**	-0.08
2	Head	LTE Band7	21100	2535	1RB-Middle	Cheek Right	0mm	52	19.55	21	0.389	**0.54**	0.193	**0.27**	0.08
2	Head	LTE Band7	21100	2535	1RB-Middle	Tilt Right	0mm	\	19.55	21	0.192	**0.27**	0.095	**0.13**	0.12
2	Head	LTE Band7	21100	2535	50RB-High	Cheek Left	0mm	\	19.54	21	0.132	**0.18**	0.07	**0.10**	0.03
2	Head	LTE Band7	21100	2535	50RB-High	Tilt Left	0mm	\	19.54	21	0.102	**0.14**	0.05	**0.07**	-0.12
2	Head	LTE Band7	21100	2535	50RB-High	Cheek Right	0mm	\	19.54	21	0.378	**0.53**	0.174	**0.24**	0.02
2	Head	LTE Band7	21100	2535	50RB-High	Tilt Right	0mm	\	19.54	21	0.187	**0.26**	0.093	**0.13**	0.01
2	Body	LTE Band7	21100	2535	1RB-Middle	Front	15mm	\	23.33	25	0.15	**0.22**	0.085	**0.12**	-0.16
2	Body	LTE Band7	21100	2535	1RB-Middle	Rear	19mm	\	23.33	25	0.394	**0.58**	0.214	**0.31**	-0.13
2	Body	LTE Band7	21100	2535	50RB-High	Front	15mm	\	22.32	24	0.111	**0.16**	0.063	**0.09**	0.17
2	Body	LTE Band7	21100	2535	50RB-High	Rear	19mm	\	22.32	24	0.31	**0.46**	0.17	**0.25**	-0.1
2	Body	LTE Band7	21100	2535	1RB-Middle	Front	5mm	\	13.83	15	0.078	**0.10**	0.036	**0.05**	-0.13
2	Body	LTE Band7	21100	2535	1RB-Middle	Rear	5mm	53	13.83	15	0.456	**0.60**	0.212	**0.28**	-0.05
2	Body	LTE Band7	21100	2535	50RB-Low	Front	5mm	\	13.77	15	0.078	**0.10**	0.037	**0.05**	-0.13
2	Body	LTE Band7	21100	2535	50RB-Low	Rear	5mm	\	13.77	15	0.443	**0.59**	0.207	**0.27**	0.08
2	Body	LTE Band7	21100	2535	1RB-Middle	Front	10mm	\	13.83	15	0.03	**0.04**	0.017	**0.02**	-0.06
2	Body	LTE Band7	21100	2535	1RB-Middle	Rear	10mm	54	13.83	15	0.173	**0.23**	0.085	**0.11**	0.01
2	Body	LTE Band7	21100	2535	1RB-Middle	Left	10mm	\	13.83	15	0.056	**0.07**	0.03	**0.04**	0.02
2	Body	LTE Band7	21100	2535	1RB-Middle	Top	10mm	\	13.83	15	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band7	21100	2535	50RB-Low	Front	10mm	\	13.77	15	0.03	**0.04**	0.017	**0.02**	0.08
2	Body	LTE Band7	21100	2535	50RB-Low	Rear	10mm	\	13.77	15	0.154	**0.20**	0.079	**0.10**	-0.14
2	Body	LTE Band7	21100	2535	50RB-Low	Left	10mm	\	13.77	15	0.056	**0.07**	0.03	**0.04**	0.01
2	Body	LTE Band7	21100	2535	50RB-Low	Top	10mm	\	13.77	15	<0.01	<0.01	<0.01	<0.01	\

Note: All the results above are for ENDC.

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	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
2	Head	LTE Band38	37850	2580	1RB-Middle	Cheek Left	0mm	\	20.65	22	0.167	**0.23**	0.094	**0.13**	0.03
2	Head	LTE Band38	37850	2580	1RB-Middle	Tilt Left	0mm	\	20.65	22	0.132	**0.18**	0.064	**0.09**	-0.05
2	Head	LTE Band38	37850	2580	1RB-Middle	Cheek Right	0mm	55	20.65	22	0.366	**0.50**	0.186	**0.25**	0.09
2	Head	LTE Band38	37850	2580	1RB-Middle	Tilt Right	0mm	\	20.65	22	0.247	**0.34**	0.124	**0.17**	0.12
2	Head	LTE Band38	37850	2580	50RB-Low	Cheek Left	0mm	\	20.63	22	0.156	**0.21**	0.086	**0.12**	0.07
2	Head	LTE Band38	37850	2580	50RB-Low	Tilt Left	0mm	\	20.63	22	0.129	**0.18**	0.064	**0.09**	0.08
2	Head	LTE Band38	37850	2580	50RB-Low	Cheek Right	0mm	\	20.63	22	0.357	**0.49**	0.179	**0.25**	0.03
2	Head	LTE Band38	37850	2580	50RB-Low	Tilt Right	0mm	\	20.63	22	0.251	**0.34**	0.127	**0.17**	-0.12
2	Body	LTE Band38	37850	2580	1RB-High	Front	15mm	\	23.23	25	0.12	**0.18**	0.068	**0.10**	-0.14
2	Body	LTE Band38	37850	2580	1RB-High	Rear	19mm	\	23.23	25	0.32	**0.48**	0.173	**0.26**	-0.04
2	Body	LTE Band38	37850	2580	50RB-Low	Front	15mm	\	22.27	24	0.098	**0.15**	0.055	**0.08**	0.11
2	Body	LTE Band38	37850	2580	50RB-Low	Rear	19mm	\	22.27	24	0.266	**0.40**	0.15	**0.22**	-0.08
2	Body	LTE Band38	37850	2580	1RB-Low	Front	5mm	\	14.44	16	0.074	**0.11**	0.037	**0.05**	0.13
2	Body	LTE Band38	37850	2580	1RB-Low	Rear	5mm	56	14.44	16	0.451	**0.65**	0.204	**0.29**	0.04
2	Body	LTE Band38	37850	2580	50RB-Low	Front	5mm	\	14.42	16	0.076	**0.11**	0.038	**0.05**	-0.09
2	Body	LTE Band38	37850	2580	50RB-Low	Rear	5mm	\	14.42	16	0.431	**0.62**	0.185	**0.27**	0.1
2	Body	LTE Band38	37850	2580	1RB-Low	Front	10mm	\	14.44	16	0.018	**0.03**	0.01	**0.01**	0.05
2	Body	LTE Band38	37850	2580	1RB-Low	Rear	10mm	\	14.44	16	0.098	**0.14**	0.047	**0.07**	-0.08
2	Body	LTE Band38	37850	2580	1RB-Low	Left	10mm	\	14.44	16	0.036	**0.05**	0.018	**0.03**	0.07
2	Body	LTE Band38	37850	2580	1RB-Low	Top	10mm	\	14.44	16	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band38	37850	2580	50RB-Low	Front	10mm	\	14.42	16	0.019	**0.03**	0.01	**0.01**	0.11
2	Body	LTE Band38	37850	2580	50RB-Low	Rear	10mm	57	14.42	16	0.101	**0.15**	0.049	**0.07**	0.01
2	Body	LTE Band38	37850	2580	50RB-Low	Left	10mm	\	14.42	16	0.037	**0.05**	0.018	**0.03**	0.07
2	Body	LTE Band38	37850	2580	50RB-Low	Top	10mm	\	14.42	16	<0.01	<0.01	<0.01	<0.01	\
2	Head	LTE Band41	40620	2593	1RB-Low	Cheek Left	0mm	\	21.14	22.5	0.196	**0.27**	0.103	**0.14**	-0.09
2	Head	LTE Band41	40620	2593	1RB-Low	Tilt Left	0mm	\	21.14	22.5	0.131	**0.18**	0.071	**0.10**	-0.08
2	Head	LTE Band41	40620	2593	1RB-Low	Cheek Right	0mm	\	21.14	22.5	0.381	**0.52**	0.183	**0.25**	0.05
2	Head	LTE Band41	40620	2593	1RB-Low	Tilt Right	0mm	\	21.14	22.5	0.266	**0.36**	0.131	**0.18**	0.03
2	Head	LTE Band41	40620	2593	50RB-Middle	Cheek Left	0mm	\	21.2	22.5	0.173	**0.23**	0.095	**0.13**	-0.13
2	Head	LTE Band41	40620	2593	50RB-Middle	Tilt Left	0mm	\	21.2	22.5	0.135	**0.18**	0.071	**0.10**	-0.15
2	Head	LTE Band41	40620	2593	50RB-Middle	Cheek Right	0mm	58	21.2	22.5	0.391	**0.53**	0.191	**0.26**	-0.16
2	Head	LTE Band41	40620	2593	50RB-Middle	Tilt Right	0mm	\	21.2	22.5	0.263	**0.35**	0.13	**0.18**	0.07
2	Body	LTE Band41	40620	2593	1RB-Low	Front	15mm	\	23.28	25	0.12	**0.18**	0.041	**0.06**	-0.01
2	Body	LTE Band41	40620	2593	1RB-Low	Rear	19mm	\	23.28	25	0.29	**0.43**	0.096	**0.14**	-0.02
2	Body	LTE Band41	40620	2593	50RB-Low	Front	15mm	\	22.3	24	0.096	**0.14**	0.033	**0.05**	0.04
2	Body	LTE Band41	40620	2593	50RB-Low	Rear	19mm	\	22.3	24	0.222	**0.33**	0.074	**0.11**	-0.14
2	Body	LTE Band41	40620	2593	1RB-Low	Front	5mm	\	15.62	17	0.084	**0.12**	0.041	**0.06**	0.11
2	Body	LTE Band41	40620	2593	1RB-Low	Rear	5mm	59	15.62	17	0.488	**0.67**	0.226	**0.31**	-0.11
2	Body	LTE Band41	40620	2593	50RB-Low	Front	5mm	\	15.63	17	0.079	**0.11**	0.04	**0.05**	0.12
2	Body	LTE Band41	40620	2593	50RB-Low	Rear	5mm	\	15.63	17	0.482	**0.66**	0.221	**0.30**	0.08
2	Body	LTE Band41	40620	2593	1RB-Low	Front	10mm	\	15.62	17	0.024	**0.03**	0.013	**0.02**	0.11
2	Body	LTE Band41	40620	2593	1RB-Low	Rear	10mm	60	15.62	17	0.135	**0.19**	0.067	**0.09**	0.04
2	Body	LTE Band41	40620	2593	1RB-Low	Left	10mm	\	15.62	17	0.048	**0.07**	0.025	**0.03**	-0.04
2	Body	LTE Band41	40620	2593	1RB-Low	Top	10mm	\	15.62	17	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band41	40620	2593	50RB-Low	Front	10mm	\	15.63	17	0.024	**0.03**	0.013	**0.02**	0.16
2	Body	LTE Band41	40620	2593	50RB-Low	Rear	10mm	\	15.63	17	0.127	**0.17**	0.063	**0.09**	0.02
2	Body	LTE Band41	40620	2593	50RB-Low	Left	10mm	\	15.63	17	0.045	**0.06**	0.024	**0.03**	0.03
2	Body	LTE Band41	40620	2593	50RB-Low	Top	10mm	\	15.63	17	<0.01	<0.01	<0.01	<0.01	\
2	Head	LTE Band66	132572	1770	1RB-Middle	Cheek Left	0mm	\	23.43	25	0.069	**0.10**	0.042	**0.06**	0.04
2	Head	LTE Band66	132572	1770	1RB-Middle	Tilt Left	0mm	\	23.43	25	0.054	**0.08**	0.031	**0.04**	0.05
2	Head	LTE Band66	132572	1770	1RB-Middle	Cheek Right	0mm	61	23.43	25	0.183	**0.26**	0.094	**0.13**	0.04
2	Head	LTE Band66	132572	1770	1RB-Middle	Tilt Right	0mm	\	23.43	25	0.104	**0.15**	0.055	**0.08**	0.08
2	Head	LTE Band66	132572	1770	50RB-High	Cheek Left	0mm	\	22.33	24	0.066	**0.10**	0.038	**0.06**	-0.14
2	Head	LTE Band66	132572	1770	50RB-High	Tilt Left	0mm	\	22.33	24	0.044	**0.06**	0.025	**0.04**	0.18
2	Head	LTE Band66	132572	1770	50RB-High	Cheek Right	0mm	\	22.33	24	0.171	**0.25**	0.085	**0.12**	-0.08
2	Head	LTE Band66	132572	1770	50RB-High	Tilt Right	0mm	\	22.33	24	0.081	**0.12**	0.044	**0.06**	0.06
2	Body	LTE Band66	132572	1770	1RB-Middle	Front	15mm	\	23.43	25	0.037	**0.05**	0.011	**0.02**	-0.04
2	Body	LTE Band66	132572	1770	1RB-Middle	Rear	19mm	\	23.43	25	0.086	**0.12**	0.048	**0.07**	0.02
2	Body	LTE Band66	132572	1770	50RB-High	Front	15mm	\	22.33	24	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band66	132572	1770	50RB-High	Rear	19mm	\	22.33	24	0.073	**0.11**	0.041	**0.06**	-0.01
2	Body	LTE Band66	132572	1770	1RB-Middle	Front	5mm	\	19.54	21	0.054	**0.08**	0.025	**0.03**	-0.13
2	Body	LTE Band66	132572	1770	1RB-Middle	Rear	5mm	62	19.54	21	0.497	**0.70**	0.212	**0.30**	-0.03
2	Body	LTE Band66	132572	1770	50RB-High	Front	5mm	\	19.5	21	0.054	**0.08**	0.026	**0.04**	0.04
2	Body	LTE Band66	132572	1770	50RB-High	Rear	5mm	\	19.5	21	0.483	**0.68**	0.21	**0.30**	-0.08
2	Body	LTE Band66	132572	1770	1RB-Middle	Front	10mm	\	19.54	21	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band66	132572	1770	1RB-Middle	Rear	10mm	63	19.54	21	0.174	**0.24**	0.083	**0.12**	0.08
2	Body	LTE Band66	132572	1770	1RB-Middle	Left	10mm	\	19.54	21	0.089	**0.12**	0.049	**0.07**	0.15
2	Body	LTE Band66	132572	1770	1RB-Middle	Top	10mm	\	19.54	21	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band66	132572	1770	50RB-High	Front	10mm	\	19.5	21	<0.01	<0.01	<0.01	<0.01	\
2	Body	LTE Band66	132572	1770	50RB-High	Rear	10mm	\	19.5	21	0.17	**0.24**	0.081	**0.11**	0.09
2	Body	LTE Band66	132572	1770	50RB-High	Left	10mm	\	19.5	21	0.087	**0.12**	0.046	**0.06**	0.12
2	Body	LTE Band66	132572	1770	50RB-High	Top	10mm	\	19.5	21	<0.01	<0.01	<0.01	<0.01	\

Note: All the results above are for ENDC.

14.2 SAR results for 5G NR

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	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	Power setting	BW RB	SCS
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	23.84	25.5	0.213	**0.31**	0.168	**0.25**	0.15	24	5M_12_6	15K
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	23.84	25.5	0.132	**0.19**	0.107	**0.16**	-0.14	24	5M_12_6	15K
0	Head	N5	169300	846.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	23.77	25.5	0.208	**0.31**	0.162	**0.24**	0.16	24	5M_12_6	15K
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Right	0mm	64	23.84	25.5	0.23	**0.34**	0.179	**0.26**	-0.13	24	5M_12_6	15K
0	Head	N5	165300	826.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	23.8	25.5	0.184	**0.27**	0.145	**0.21**	-0.08	24	5M_12_6	15K
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	23.84	25.5	0.155	**0.23**	0.123	**0.18**	-0.01	24	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	18mm	\	23.84	25.5	0.122	**0.18**	0.093	**0.14**	-0.02	24	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	21mm	\	23.84	25.5	0.134	**0.20**	0.103	**0.15**	0.11	24	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	5mm	\	21.66	22.5	0.219	**0.27**	0.143	**0.17**	0.18	21	5M_12_6	15K
0	Body	N5	169300	846.5	DFT-s-OFDM QPSK	Rear	5mm	\	21.64	22.5	0.535	**0.65**	0.317	**0.39**	-0.01	21	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	5mm	65	21.66	22.5	0.743	**0.90**	0.422	**0.51**	-0.03	21	5M_12_6	15K
0	Body	N5	165300	826.5	DFT-s-OFDM QPSK	Rear	5mm	\	21.64	22.5	0.19	**0.23**	0.121	**0.15**	-0.09	21	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	10mm	\	21.66	22.5	0.081	**0.10**	0.059	**0.07**	0.04	21	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	10mm	66	21.66	22.5	0.304	**0.37**	0.18	**0.22**	0.05	21	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Left	10mm	\	21.66	22.5	0.103	**0.12**	0.069	**0.08**	-0.1	21	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Right	10mm	\	21.66	22.5	0.06	**0.07**	0.038	**0.05**	0.08	21	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Bottom	10mm	\	21.66	22.5	0.253	**0.31**	0.133	**0.16**	0.09	21	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	10mm	Note1	18.35	19	0.062	**0.07**	0.038	**0.04**	0.03	17.5	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	10mm	Note1	18.35	19	0.131	**0.15**	0.076	**0.09**	-0.09	17.5	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Left	10mm	Note1	18.35	19	0.03	**0.03**	0.019	**0.02**	-0.11	17.5	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Right	10mm	Note1	18.35	19	0.041	**0.05**	0.028	**0.03**	0.03	17.5	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Bottom	10mm	Note1	18.35	19	0.081	**0.09**	0.046	**0.05**	-0.02	17.5	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	5mm	Note1	18.35	19	0.128	**0.15**	0.078	**0.09**	0.11	17.5	5M_12_6	15K
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	5mm	Note1	18.35	19	0.32	**0.37**	0.179	**0.21**	-0.15	17.5	5M_12_6	15K
1	Head	N7	513500	2567.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	23.46	25	0.53	**0.76**	0.268	**0.38**	0.18	23.5	5M_12_6	15K
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	67	23.53	25	0.662	**0.93**	0.342	**0.48**	0.04	23.5	5M_12_6	15K
1	Head	N7	500500	2502.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	23.44	25	0.483	**0.69**	0.254	**0.36**	0.16	23.5	5M_12_6	15K
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	\	23.53	25	0.238	**0.33**	0.119	**0.17**	0.08	23.5	5M_12_6	15K
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	\	23.53	25	0.418	**0.59**	0.226	**0.32**	-0.08	23.5	5M_12_6	15K
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	23.53	25	0.363	**0.51**	0.172	**0.24**	-0.05	23.5	5M_12_6	15K
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	Note1	22.01	23.5	0.439	**0.62**	0.236	**0.33**	0.01	22	5M_12_6	15K
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	Note1	22.01	23.5	0.15	**0.21**	0.083	**0.12**	0.06	22	5M_12_6	15K
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	Note1	22.01	23.5	0.236	**0.33**	0.131	**0.18**	-0.12	22	5M_12_6	15K
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	Note1	22.01	23.5	0.214	**0.30**	0.111	**0.16**	0.06	22	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	17mm	\	23.53	25	0.436	**0.61**	0.245	**0.34**	0.06	23.5	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	20mm	\	23.53	25	0.411	**0.58**	0.225	**0.32**	-0.05	23.5	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	5mm	\	15.66	17	0.374	**0.51**	0.186	**0.25**	-0.15	15.5	5M_12_6	15K
1	Body	N7	513500	2567.5	DFT-s-OFDM QPSK	Rear	5mm	\	15.62	17	0.61	**0.84**	0.284	**0.39**	0.05	15.5	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	5mm	68	15.66	17	0.698	**0.95**	0.318	**0.43**	0.02	15.5	5M_12_6	15K
1	Body	N7	500500	2502.5	DFT-s-OFDM QPSK	Rear	5mm	\	15.63	17	0.575	**0.79**	0.258	**0.35**	0.06	15.5	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	10mm	\	15.66	17	0.139	**0.19**	0.074	**0.10**	-0.07	15.5	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	69	15.66	17	0.255	**0.35**	0.125	**0.17**	0.16	15.5	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Left	10mm	\	15.66	17	0.096	**0.13**	0.051	**0.07**	-0.14	15.5	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Bottom	10mm	\	15.66	17	0.185	**0.25**	0.091	**0.12**	0.02	15.5	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	5mm	Note1	12.64	14	0.21	**0.29**	0.106	**0.14**	-0.03	12.5	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	5mm	Note1	12.64	14	0.352	**0.48**	0.159	**0.22**	0.01	12.5	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	10mm	Note1	12.64	14	0.09	**0.12**	0.048	**0.07**	0.03	12.5	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	Note1	12.64	14	0.142	**0.19**	0.068	**0.09**	0.05	12.5	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Left	10mm	Note1	12.64	14	0.051	**0.07**	0.016	**0.02**	0.06	12.5	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Right	10mm	Note1	12.64	14	0.053	**0.07**	0.017	**0.02**	-0.05	12.5	5M_12_6	15K
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Bottom	10mm	Note1	12.64	14	0.077	**0.11**	0.039	**0.05**	0.1	12.5	5M_12_6	15K
1	Head	N41	518598	2685	DFT-s-OFDM QPSK	Cheek Left	0mm	\	23.4	25	0.281	**0.41**	0.142	**0.21**	-0.11	23.5	10M_12_6	30K
1	Head	N41	518598	2639	DFT-s-OFDM QPSK	Cheek Left	0mm	\	23.39	25	0.482	**0.70**	0.233	**0.34**	-0.07	23.5	10M_12_6	30K
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	23.48	25	0.577	**0.82**	0.29	**0.41**	0.13	23.5	10M_12_6	30K
1	Head	N41	509406	2547.03	DFT-s-OFDM QPSK	Cheek Left	0mm	70	23.45	25	0.72	**1.03**	0.37	**0.53**	-0.15	23.5	10M_12_6	30K
1	Head	N41	500205	2501.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	23.46	25	0.644	**0.92**	0.324	**0.46**	-0.03	23.5	10M_12_6	30K
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	23.48	25	0.144	**0.20**	0.078	**0.11**	-0.03	23.5	10M_12_6	30K
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	23.48	25	0.402	**0.57**	0.212	**0.30**	-0.16	23.5	10M_12_6	30K
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	23.48	25	0.364	**0.52**	0.167	**0.24**	0.08	23.5	10M_12_6	30K
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	Note1	21.51	23	0.324	**0.46**	0.173	**0.24**	0.01	21.5	10M_12_6	30K
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	Note1	21.51	23	0.128	**0.18**	0.067	**0.09**	-0.05	21.5	10M_12_6	30K
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	Note1	21.51	23	0.204	**0.29**	0.119	**0.17**	0.12	21.5	10M_12_6	30K
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	Note1	21.51	23	0.206	**0.29**	0.109	**0.15**	0.03	21.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	17mm	\	23.48	25	0.307	**0.44**	0.172	**0.24**	-0.08	23.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	20mm	\	23.48	25	0.393	**0.56**	0.214	**0.30**	0.18	23.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	5mm	\	16.76	18	0.378	**0.50**	0.196	**0.26**	-0.15	16.5	10M_12_6	30K
1	Body	N41	518598	2685	DFT-s-OFDM QPSK	Rear	5mm	\	16.63	18	0.548	**0.75**	0.245	**0.34**	0.01	16.5	10M_12_6	30K
1	Body	N41	518598	2639	DFT-s-OFDM QPSK	Rear	5mm	\	16.61	18	0.669	**0.92**	0.301	**0.41**	-0.17	16.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	5mm	\	16.76	18	0.767	**1.02**	0.358	**0.48**	-0.03	16.5	10M_12_6	30K
1	Body	N41	509406	2547.03	DFT-s-OFDM QPSK	Rear	5mm	71	16.73	18	0.884	**1.18**	0.402	**0.54**	0.01	16.5	10M_12_6	30K
1	Body	N41	500205	2501.01	DFT-s-OFDM QPSK	Rear	5mm	\	16.66	18	0.65	**0.88**	0.306	**0.42**	0.11	16.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	16.76	18	0.184	**0.24**	0.102	**0.14**	-0.11	16.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	72	16.76	18	0.309	**0.41**	0.151	**0.20**	-0.11	16.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Left	10mm	\	16.76	18	0.075	**0.10**	0.038	**0.05**	-0.17	16.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Bottom	10mm	\	16.76	18	0.172	**0.23**	0.092	**0.12**	-0.08	16.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	5mm	Note1	12.81	14	0.156	**0.21**	0.069	**0.09**	0.06	12.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	5mm	Note1	12.81	14	0.298	**0.39**	0.13	**0.17**	-0.03	12.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	Note1	12.81	14	0.057	**0.07**	0.03	**0.04**	0.06	12.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	Note1	12.81	14	0.105	**0.14**	0.05	**0.07**	0.04	12.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Left	10mm	Note1	12.81	14	0.032	**0.04**	0.01	**0.01**	-0.1	12.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Right	10mm	Note1	12.81	14	0.033	**0.04**	0.011	**0.01**	0.05	12.5	10M_12_6	30K
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Bottom	10mm	Note1	12.81	14	0.053	**0.07**	0.026	**0.03**	0.04	12.5	10M_12_6	30K

Note1: The results are only for ENDC.

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	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	Power setting	BW RB	SCS
0	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	23.43	25	0.042	**0.06**	0.027	**0.04**	-0.15	23.5	5M_12_6	15K
0	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	23.43	25	<0.01	<0.01	<0.01	<0.01	\	23.5	5M_12_6	15K
0	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Cheek Right	0mm	73	23.3	25	0.103	**0.15**	0.067	**0.10**	0.08	23.5	5M_12_6	15K
0	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	23.43	25	0.073	**0.10**	0.047	**0.07**	0.18	23.5	5M_12_6	15K
0	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	23.35	25	0.07	**0.10**	0.044	**0.06**	-0.04	23.5	5M_12_6	15K
0	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	23.43	25	<0.01	<0.01	<0.01	<0.01	\	23.5	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	18mm	\	23.43	25	0.228	**0.33**	0.139	**0.20**	0.04	23.5	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	21mm	\	23.43	25	0.428	**0.61**	0.262	**0.38**	0.15	23.5	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	5mm	\	16.59	18	0.257	**0.36**	0.13	**0.18**	-0.15	16.5	5M_12_6	15K
0	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	5mm	74	16.55	18	0.838	**1.17**	0.422	**0.59**	0.01	16.5	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	5mm	\	16.59	18	0.779	**1.08**	0.393	**0.54**	0.02	16.5	5M_12_6	15K
0	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	5mm	\	16.53	18	0.687	**0.96**	0.341	**0.48**	-0.13	16.5	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	16.59	18	0.134	**0.19**	0.072	**0.10**	-0.07	16.5	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	75	16.59	18	0.331	**0.46**	0.182	**0.25**	-0.1	16.5	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	\	16.59	18	<0.01	<0.01	<0.01	<0.01	\	16.5	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Right	10mm	\	16.59	18	<0.01	<0.01	<0.01	<0.01	\	16.5	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Bottom	10mm	\	16.59	18	0.286	**0.40**	0.147	**0.20**	0.13	16.5	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	5mm	Note1	14.13	15.5	0.117	**0.16**	0.061	**0.08**	0.03	14	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	5mm	Note1	14.13	15.5	0.385	**0.53**	0.196	**0.27**	-0.06	14	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	Note1	14.13	15.5	0.055	**0.08**	0.033	**0.05**	-0.05	14	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	Note1	14.13	15.5	0.172	**0.24**	0.098	**0.13**	0.12	14	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	Note1	14.13	15.5	<0.01	<0.01	<0.01	<0.01	\	14	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Right	10mm	Note1	14.13	15.5	<0.01	<0.01	<0.01	<0.01	\	14	5M_12_6	15K
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Bottom	10mm	Note1	14.13	15.5	0.208	**0.29**	0.113	**0.15**	0.03	14	5M_12_6	15K
5	Head	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	18.38	19.5	0.527	**0.68**	0.217	**0.28**	0.14	18	20M_25_12	30K
5	Head	N78 L	636000	3540	DFT-s-OFDM QPSK	Tilt Left	0mm	\	18.26	19.5	0.651	**0.87**	0.264	**0.35**	0.09	18	20M_25_12	30K
5	Head	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	18.38	19.5	0.751	**0.97**	0.293	**0.38**	0.12	18	20M_25_12	30K
5	Head	N78 L	630668	3460.02	DFT-s-OFDM QPSK	Tilt Left	0mm	76	18.32	19.5	0.79	**1.04**	0.306	**0.40**	0.07	18	20M_25_12	30K
5	Head	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	18.38	19.5	0.341	**0.44**	0.138	**0.18**	-0.08	18	20M_25_12	30K
5	Head	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	18.38	19.5	0.504	**0.65**	0.193	**0.25**	-0.13	18	20M_25_12	30K
5	Head	N78 H	650000	3750	DFT-s-OFDM QPSK	Cheek Left	0mm	\	18.38	19.5	0.431	**0.56**	0.188	**0.24**	-0.08	18	10M_12_6	30K
5	Head	N78 H	653000	3795	DFT-s-OFDM QPSK	Tilt Left	0mm	\	18.35	19.5	0.693	**0.90**	0.278	**0.36**	0.01	18	10M_12_6	30K
5	Head	N78 H	650000	3750	DFT-s-OFDM QPSK	Tilt Left	0mm	\	18.38	19.5	0.632	**0.82**	0.263	**0.34**	0.05	18	10M_12_6	30K
5	Head	N78 H	647000	3705	DFT-s-OFDM QPSK	Tilt Left	0mm	\	18.37	19.5	0.668	**0.87**	0.273	**0.35**	-0.15	18	10M_12_6	30K
5	Head	N78 H	650000	3750	DFT-s-OFDM QPSK	Cheek Right	0mm	\	18.38	19.5	0.302	**0.39**	0.133	**0.17**	0.01	18	10M_12_6	30K
5	Head	N78 H	650000	3750	DFT-s-OFDM QPSK	Tilt Right	0mm	\	18.38	19.5	0.45	**0.58**	0.19	**0.25**	0.04	18	10M_12_6	30K
5	Head	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	Note1	16.37	17.5	0.326	**0.42**	0.132	**0.17**	0.06	16	20M_25_12	30K
5	Head	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	Note1	16.37	17.5	0.475	**0.62**	0.18	**0.23**	0.02	16	20M_25_12	30K
5	Head	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	Note1	16.37	17.5	0.223	**0.29**	0.096	**0.12**	-0.07	16	20M_25_12	30K
5	Head	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	Note1	16.37	17.5	0.286	**0.37**	0.119	**0.15**	0.12	16	20M_25_12	30K
5	Head	N78 H	650000	3750	DFT-s-OFDM QPSK	Cheek Left	0mm	Note1	16.41	17.5	0.242	**0.31**	0.098	**0.13**	0.05	16	10M_12_6	30K
5	Head	N78 H	650000	3750	DFT-s-OFDM QPSK	Tilt Left	0mm	Note1	16.41	17.5	0.368	**0.47**	0.144	**0.19**	0.07	16	10M_12_6	30K
5	Head	N78 H	650000	3750	DFT-s-OFDM QPSK	Cheek Right	0mm	Note1	16.41	17.5	0.165	**0.21**	0.068	**0.09**	-0.06	16	10M_12_6	30K
5	Head	N78 H	650000	3750	DFT-s-OFDM QPSK	Tilt Right	0mm	Note1	16.41	17.5	0.25	**0.32**	0.105	**0.13**	0.11	16	10M_12_6	30K
5	Body	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Front	19mm	\	23.49	24.5	0.254	**0.32**	0.121	**0.15**	0.15	23.5	20M_25_12	30K
5	Body	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Rear	20mm	\	23.49	24.5	0.489	**0.62**	0.234	**0.30**	-0.08	23.5	20M_25_12	30K
5	Body	N78 H	650000	3750	DFT-s-OFDM QPSK	Front	19mm	\	23.61	24.5	0.209	**0.26**	0.102	**0.13**	0.18	23.5	10M_12_6	30K
5	Body	N78 H	650000	3750	DFT-s-OFDM QPSK	Rear	20mm	\	23.61	24.5	0.461	**0.57**	0.228	**0.28**	0.12	23.5	10M_12_6	30K
5	Body	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Front	5mm	\	16.37	17.5	0.262	**0.34**	0.113	**0.15**	0.07	16	20M_25_12	30K
5	Body	N78 L	636000	3540	DFT-s-OFDM QPSK	Rear	5mm	\	16.34	17.5	0.48	**0.63**	0.217	**0.28**	-0.15	16	20M_25_12	30K
5	Body	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Rear	5mm	77	16.37	17.5	0.604	**0.78**	0.231	**0.30**	-0.04	16	20M_25_12	30K
5	Body	N78 L	630668	3460.02	DFT-s-OFDM QPSK	Rear	5mm	\	16.35	17.5	0.594	**0.77**	0.225	**0.29**	0.12	16	20M_25_12	30K
5	Body	N78 H	650000	3750	DFT-s-OFDM QPSK	Front	5mm	\	16.41	17.5	0.224	**0.29**	0.099	**0.13**	0.03	16	10M_12_6	30K
5	Body	N78 H	650000	3750	DFT-s-OFDM QPSK	Rear	5mm	\	16.41	17.5	0.541	**0.70**	0.213	**0.27**	-0.11	16	10M_12_6	30K
5	Body	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	16.37	17.5	0.124	**0.16**	0.057	**0.07**	0.02	16	20M_25_12	30K
5	Body	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	16.37	17.5	0.24	**0.31**	0.103	**0.13**	0.18	16	20M_25_12	30K
5	Body	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	\	16.37	17.5	0.067	**0.09**	0.034	**0.04**	-0.05	16	20M_25_12	30K
5	Body	N78 L	636000	3540	DFT-s-OFDM QPSK	Top	10mm	78	16.34	17.5	0.25	**0.33**	0.107	**0.14**	-0.03	16	20M_25_12	30K
5	Body	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	16.37	17.5	0.246	**0.32**	0.11	**0.14**	-0.02	16	20M_25_12	30K
5	Body	N78 L	630668	3460.02	DFT-s-OFDM QPSK	Top	10mm	\	16.35	17.5	0.209	**0.27**	0.093	**0.12**	0.05	16	20M_25_12	30K
5	Body	N78 H	650000	3750	DFT-s-OFDM QPSK	Front	10mm	\	16.41	17.5	0.081	**0.10**	0.038	**0.05**	-0.14	16	10M_12_6	30K
5	Body	N78 H	650000	3750	DFT-s-OFDM QPSK	Rear	10mm	\	16.41	17.5	0.228	**0.29**	0.100	**0.13**	0.01	16	10M_12_6	30K
5	Body	N78 H	650000	3750	DFT-s-OFDM QPSK	Right	10mm	\	16.41	17.5	0.078	**0.10**	0.037	**0.05**	-0.18	16	10M_12_6	30K
5	Body	N78 H	650000	3750	DFT-s-OFDM QPSK	Top	10mm	\	16.41	17.5	0.191	**0.25**	0.088	**0.11**	0.02	16	10M_12_6	30K
5	Body	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Front	5mm	Note1	14.41	15.5	0.137	**0.18**	0.064	**0.17**	-0.05	14	20M_25_12	30K
5	Body	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Rear	5mm	Note1	14.41	15.5	0.331	**0.43**	0.134	**0.07**	0.07	14	20M_25_12	30K
5	Body	N78 H	650000	3750	DFT-s-OFDM QPSK	Front	5mm	Note1	14.44	15.5	0.114	**0.15**	0.053	**0.07**	0.12	14	10M_12_6	30K
5	Body	N78 H	650000	3750	DFT-s-OFDM QPSK	Rear	5mm	Note1	14.44	15.5	0.25	**0.32**	0.115	**0.15**	0.12	14	10M_12_6	30K
5	Body	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	Note1	14.41	15.5	0.07	**0.09**	0.031	**0.04**	0.02	14	20M_25_12	30K
5	Body	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	Note1	14.41	15.5	0.142	**0.18**	0.063	**0.08**	-0.09	14	20M_25_12	30K
5	Body	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	Note1	14.41	15.5	0.041	**0.05**	0.021	**0.03**	0.05	14	20M_25_12	30K
5	Body	N78 L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	Note1	14.41	15.5	0.14	**0.18**	0.059	**0.08**	0.04	14	20M_25_12	30K
5	Body	N78 H	650000	3750	DFT-s-OFDM QPSK	Front	10mm	Note1	14.44	15.5	0.074	**0.09**	0.032	**0.04**	0.01	14	10M_12_6	30K
5	Body	N78 H	650000	3750	DFT-s-OFDM QPSK	Rear	10mm	Note1	14.44	15.5	0.144	**0.18**	0.061	**0.08**	-0.17	14	10M_12_6	30K
5	Body	N78 H	650000	3750	DFT-s-OFDM QPSK	Right	10mm	Note1	14.44	15.5	0.041	**0.05**	0.02	**0.03**	0.15	14	10M_12_6	30K
5	Body	N78 H	650000	3750	DFT-s-OFDM QPSK	Top	10mm	Note1	14.44	15.5	0.149	**0.19**	0.063	**0.08**	0.05	14	10M_12_6	30K

Note1: The results are only for ENDC.

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	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		Power setting	BW RB	SCS
2	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	\	21.06	22.5	0.196	**0.27**	0.097	**0.14**	-0.08		21	5M_12_6	15K
2	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	\	21.06	22.5	0.132	**0.18**	0.063	**0.09**	0.02		21	5M_12_6	15K
2	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	79	21.06	22.5	0.494	**0.69**	0.245	**0.34**	-0.03		21	5M_12_6	15K
2	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	21.06	22.5	0.255	**0.36**	0.122	**0.17**	0.05		21	5M_12_6	15K
2	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	15mm	\	23.2	24.5	0.189	**0.25**	0.106	**0.14**	0.03		23	5M_12_6	15K
2	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	19mm	80	23.2	24.5	0.503	**0.68**	0.271	**0.37**	-0.14		23	5M_12_6	15K
2	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	5mm	\	13.83	15	0.071	**0.09**	0.036	**0.05**	0.12		13.5	5M_12_6	15K
2	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	5mm	\	13.83	15	0.403	**0.53**	0.188	**0.25**	-0.07		13.5	5M_12_6	15K
2	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	10mm	\	13.83	15	0.039	**0.05**	0.011	**0.01**	0.02		13.5	5M_12_6	15K
2	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	81	13.83	15	0.157	**0.21**	0.077	**0.10**	-0.05		13.5	5M_12_6	15K
2	Body	N7	507000	2535	DFT-s-OFDM QPSK	Left	10mm	\	13.83	15	0.067	**0.09**	0.034	**0.04**	-0.07		13.5	5M_12_6	15K
2	Body	N7	507000	2535	DFT-s-OFDM QPSK	Top	10mm	\	13.83	15	<0.01	<0.01	<0.01	<0.01	\		13.5	5M_12_6	15K
2	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	20.72	22	0.159	**0.21**	0.091	**0.12**	0.08		20.5	10M_12_6	30K
2	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	20.72	22	0.12	**0.16**	0.065	**0.09**	-0.04		20.5	10M_12_6	30K
2	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	82	20.72	22	0.384	**0.52**	0.189	**0.25**	0.06		20.5	10M_12_6	30K
2	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	20.72	22	0.215	**0.29**	0.111	**0.15**	0.06		20.5	10M_12_6	30K
2	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	15mm	\	23.42	24.5	0.138	**0.18**	0.076	**0.10**	0.06		23	10M_12_6	30K
2	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	19mm	\	23.42	24.5	0.366	**0.47**	0.198	**0.25**	0.03		23	10M_12_6	30K
2	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	5mm	\	14.88	16	0.072	**0.09**	0.036	**0.05**	0.06		14.5	10M_12_6	30K
2	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	5mm	83	14.88	16	0.427	**0.55**	0.209	**0.27**	-0.03		14.5	10M_12_6	30K
2	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	14.88	16	0.05	**0.06**	0.013	**0.02**	0.03		14.5	10M_12_6	30K
2	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	84	14.88	16	0.187	**0.24**	0.097	**0.13**	-0.02		14.5	10M_12_6	30K
2	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Left	10mm	\	14.88	16	0.077	**0.10**	0.039	**0.05**	-0.12		14.5	10M_12_6	30K
2	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Top	10mm	\	14.88	16	0.045	**0.06**	0.014	**0.02**	0.05		14.5	10M_12_6	30K
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	23.15	24.5	0.09	**0.12**	0.055	**0.08**	0.12		23	5M_12_6	15K
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	23.15	24.5	0.054	**0.07**	0.032	**0.04**	0.07		23	5M_12_6	15K
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	85	23.15	24.5	0.228	**0.31**	0.118	**0.16**	-0.05		23	5M_12_6	15K
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	23.15	24.5	0.095	**0.13**	0.054	**0.07**	0.01		23	5M_12_6	15K
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	15mm	\	23.15	24.5	<0.01	<0.01	<0.01	<0.01	\		23	5M_12_6	15K
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	19mm	\	23.15	24.5	0.101	**0.14**	0.056	**0.08**	0.08		23	5M_12_6	15K
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	5mm	\	19.65	20.5	0.04	**0.05**	0.021	**0.03**	0.11		18	5M_12_6	15K
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	5mm	86	19.65	20.5	0.412	**0.50**	0.172	**0.21**	-0.05		18	5M_12_6	15K
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	19.65	20.5	<0.01	<0.01	<0.01	<0.01	\		18	5M_12_6	15K
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	87	19.65	20.5	0.116	**0.14**	0.055	**0.07**	-0.05		18	5M_12_6	15K
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	\	19.65	20.5	0.056	**0.07**	0.029	**0.04**	0.03		18	5M_12_6	15K
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	10mm	\	19.65	20.5	<0.01	<0.01	<0.01	<0.01	\		18	5M_12_6	15K

Note: All the results above are for ENDC.

14.3 WLAN Evaluation for WIFI/BT

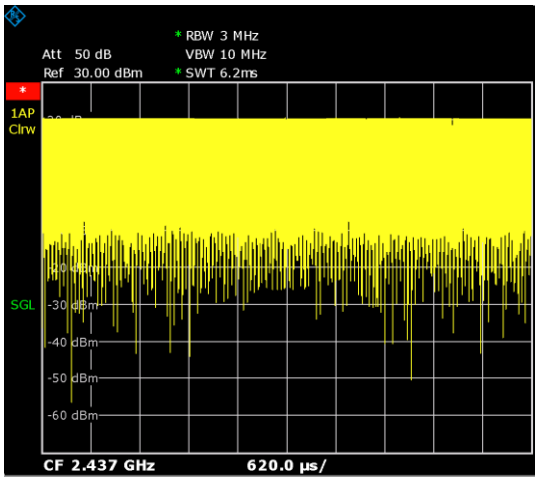
The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default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

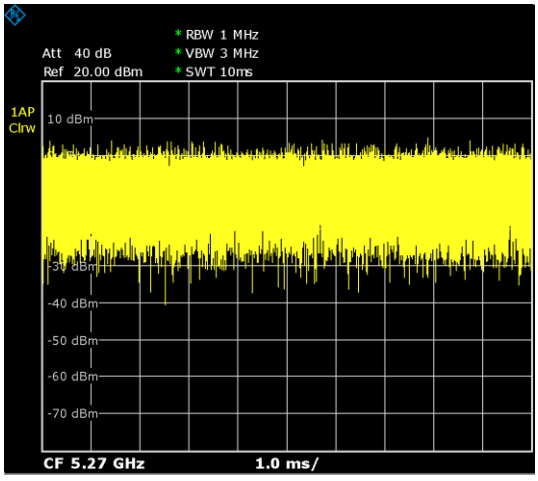
SAR Test reduction was applied from KDB 248227 guidance, when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest 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



ANT	RF Exposure Condition	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	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
WIFI 802.11b 1M 11dB															
6	Head	WIFI2.4G	11	2462	WIFI 802.11b 1M	Cheek Left	0mm	88	11.62	12	0.196	0.21	0.097	**0.11**	-0.06
6	Head	WIFI2.4G	11	2462	WIFI 802.11b 1M	Tilt Left	0mm	\	11.62	12	0.138	**0.15**	0.063	**0.07**	0.08
6	Head	WIFI2.4G	11	2462	WIFI 802.11b 1M	Cheek Right	0mm	\	11.62	12	0.085	**0.09**	0.049	**0.05**	-0.11
6	Head	WIFI2.4G	11	2462	WIFI 802.11b 1M	Tilt Right	0mm	\	11.62	12	0.073	**0.08**	0.036	**0.04**	0.03
WIFI 802.11b 1M 18dB															
6	Body	WIFI2.4G	11	2462	WIFI 802.11b 1M	Front	19mm	\	18.22	19	0.044	**0.05**	0.026	**0.03**	0.06
6	Body	WIFI2.4G	11	2462	WIFI 802.11b 1M	Rear	20mm	\	18.22	19	0.057	**0.07**	0.031	**0.04**	0.05
WIFI 802.11b 1M 14dB															
6	Body	WIFI2.4G	11	2462	WIFI 802.11b 1M	Front	5mm	\	14.41	15	0.168	**0.19**	0.088	**0.10**	-0.02
6	Body	WIFI2.4G	11	2462	WIFI 802.11b 1M	Rear	5mm	89	14.41	15	0.228	0.26	0.108	**0.12**	0.03
WIFI 802.11b 1M 14dB															
6	Body	WIFI2.4G	11	2462	WIFI 802.11b 1M	Front	10mm	90	14.41	15	0.081	0.09	0.044	**0.05**	-0.05
6	Body	WIFI2.4G	11	2462	WIFI 802.11b 1M	Rear	10mm	\	14.41	15	0.069	**0.08**	0.039	**0.04**	0.03
6	Body	WIFI2.4G	11	2462	WIFI 802.11b 1M	Right	10mm	\	14.41	15	0.054	**0.06**	0.033	**0.04**	-0.08
6	Body	WIFI2.4G	11	2462	WIFI 802.11b 1M	Top	10mm	\	14.41	15	0.034	**0.04**	0.012	**0.01**	-0.12
WIFI 802.11ac-80M MCS0 9.5dB															
6	Head	WIFI5G	58	5290	WIFI 802.11ac-80M MCS0	Cheek Left	0mm	\	9.44	10.5	0.209	**0.27**	0.069	**0.09**	-0.18
6	Head	WIFI5G	58	5290	WIFI 802.11ac-80M MCS0	Tilt Left	0mm	91	9.44	10.5	0.223	0.28	0.07	**0.09**	0.01
6	Head	WIFI5G	58	5290	WIFI 802.11ac-80M MCS0	Cheek Right	0mm	\	9.44	10.5	0.141	**0.18**	0.052	**0.07**	0.15
6	Head	WIFI5G	58	5290	WIFI 802.11ac-80M MCS0	Tilt Right	0mm	\	9.44	10.5	0.169	**0.22**	0.062	**0.08**	-0.06
6	Head	WIFI5G	122	5610	WIFI 802.11ac-80M MCS0	Cheek Left	0mm	\	9.5	10.5	0.147	**0.19**	0.051	**0.06**	0.05
6	Head	WIFI5G	122	5610	WIFI 802.11ac-80M MCS0	Tilt Left	0mm	\	9.5	10.5	0.143	**0.18**	0.05	**0.06**	-0.06
6	Head	WIFI5G	122	5610	WIFI 802.11ac-80M MCS0	Cheek Right	0mm	\	9.5	10.5	0.094	**0.12**	0.036	**0.05**	0.14
6	Head	WIFI5G	122	5610	WIFI 802.11ac-80M MCS0	Tilt Right	0mm	\	9.5	10.5	0.11	**0.14**	0.041	**0.05**	0.1
6	Head	WIFI5G	155	5775	WIFI 802.11ac-80M MCS0	Cheek Left	0mm	\	8.74	10.5	0.123	**0.18**	0.025	**0.04**	0.04
6	Head	WIFI5G	155	5775	WIFI 802.11ac-80M MCS0	Tilt Left	0mm	\	8.74	10.5	0.15	**0.22**	0.029	**0.04**	0.08
6	Head	WIFI5G	155	5775	WIFI 802.11ac-80M MCS0	Cheek Right	0mm	\	8.74	10.5	0.089	**0.13**	0.019	**0.03**	-0.15
6	Head	WIFI5G	155	5775	WIFI 802.11ac-80M MCS0	Tilt Right	0mm	\	8.74	10.5	0.12	**0.18**	0.027	**0.04**	-0.07
WIFI 802.11n-40M MCS0 17dB															
6	Body	WIFI5G	54	5270	WIFI 802.11n-40M MCS0	Front	19mm	\	16.6	18	0.109	**0.15**	0.049	**0.07**	0.09
6	Body	WIFI5G	54	5270	WIFI 802.11n-40M MCS0	Rear	20mm	92	16.6	18	0.255	0.35	0.111	**0.15**	0.06
WIFI 802.11ac-80M MCS0 17dB															
6	Body	WIFI5G	122	5610	WIFI 802.11ac-80M MCS0	Front	19mm	\	17.11	18	0.052	**0.06**	0.019	**0.02**	-0.07
6	Body	WIFI5G	122	5610	WIFI 802.11ac-80M MCS0	Rear	20mm	\	17.11	18	0.121	**0.15**	0.051	**0.06**	0.09
6	Body	WIFI5G	155	5775	WIFI 802.11ac-80M MCS0	Front	19mm	\	16.2	18	0.091	**0.14**	0.036	**0.05**	0.18
6	Body	WIFI5G	155	5775	WIFI 802.11ac-80M MCS0	Rear	20mm	\	16.2	18	0.146	**0.22**	0.061	**0.09**	0.15
WIFI 802.11ac-80M MCS0 11dB															
6	Body	WIFI5G	58	5290	WIFI 802.11ac-80M MCS0	Front	5mm	\	10.74	12	0.128	**0.17**	0.043	**0.06**	-0.12
6	Body	WIFI5G	58	5290	WIFI 802.11ac-80M MCS0	Rear	5mm	\	10.74	12	0.208	**0.28**	0.073	**0.10**	0.01
6	Body	WIFI5G	122	5610	WIFI 802.11ac-80M MCS0	Front	5mm	\	11.11	12	0.16	**0.20**	0.028	**0.03**	-0.06
6	Body	WIFI5G	122	5610	WIFI 802.11ac-80M MCS0	Rear	5mm	\	11.11	12	0.181	**0.22**	0.036	**0.04**	-0.01
6	Body	WIFI5G	155	5775	WIFI 802.11ac-80M MCS0	Front	5mm	\	10.45	12	0.154	**0.22**	0.035	**0.05**	-0.13
6	Body	WIFI5G	155	5775	WIFI 802.11ac-80M MCS0	Rear	5mm	\	10.45	12	0.199	**0.28**	0.048	**0.07**	0.05
WIFI 802.11ac-80M MCS0 11dB															
6	Body	WIFI5G	58	5290	WIFI 802.11ac-80M MCS0	Front	10mm	\	10.74	12	0.044	**0.06**	0.015	**0.02**	0.09
6	Body	WIFI5G	58	5290	WIFI 802.11ac-80M MCS0	Rear	10mm	\	10.74	12	0.084	**0.11**	0.029	**0.04**	-0.09
6	Body	WIFI5G	58	5290	WIFI 802.11ac-80M MCS0	Right	10mm	\	10.74	12	0.034	**0.05**	0.012	**0.02**	-0.06
6	Body	WIFI5G	58	5290	WIFI 802.11ac-80M MCS0	Top	10mm	\	11.11	12	0.113	**0.14**	0.035	**0.04**	-0.03
6	Body	WIFI5G	122	5610	WIFI 802.11ac-80M MCS0	Front	10mm	\	11.11	12	0.067	**0.08**	0.023	**0.03**	-0.12
6	Body	WIFI5G	122	5610	WIFI 802.11ac-80M MCS0	Rear	10mm	\	11.11	12	0.107	**0.13**	0.027	**0.03**	0.11
6	Body	WIFI5G	122	5610	WIFI 802.11ac-80M MCS0	Right	10mm	\	11.11	12	0.055	**0.07**	0.011	**0.01**	-0.11
6	Body	WIFI5G	122	5610	WIFI 802.11ac-80M MCS0	Top	10mm	\	10.45	12	0.095	**0.14**	0.025	**0.04**	-0.03
6	Body	WIFI5G	155	5775	WIFI 802.11ac-80M MCS0	Front	10mm	\	10.45	12	0.082	**0.12**	0.028	**0.04**	0.17
6	Body	WIFI5G	155	5775	WIFI 802.11ac-80M MCS0	Rear	10mm	\	10.45	12	0.109	**0.16**	0.04	**0.06**	0.11
6	Body	WIFI5G	155	5775	WIFI 802.11ac-80M MCS0	Right	10mm	\	10.45	12	0.054	**0.08**	0.012	**0.02**	0.06
6	Body	WIFI5G	155	5775	WIFI 802.11ac-80M MCS0	Top	10mm	93	10.45	12	0.169	0.24	0.066	**0.09**	0.01
BT BR															
6	Head	BT	78	2480	DH5	Cheek Left	0mm	\	9.89	12	0.113	**0.18**	0.059	**0.10**	0.14
6	Head	BT	78	2480	DH5	Tilt Left	0mm	94	9.89	12	0.127	0.21	0.057	**0.09**	-0.06
6	Head	BT	78	2480	DH5	Cheek Right	0mm	\	9.89	12	<0.01	<0.01	<0.01	<0.01	\
6	Head	BT	78	2480	DH5	Tilt Right	0mm	\	9.89	12	0.044	**0.07**	0.023	**0.04**	-0.08
BT BR															
6	Body	BT	78	2480	DH5	Front	5mm	\	9.89	12	0.072	**0.12**	0.031	**0.05**	0.06
6	Body	BT	78	2480	DH5	Rear	5mm	95	9.89	12	0.075	0.12	0.033	**0.05**	0.09
BT BR															
6	Body	BT	78	2480	DH5	Front	10mm	\	9.89	12	0.025	**0.04**	0.011	**0.02**	0.06
6	Body	BT	78	2480	DH5	Rear	10mm	\	9.89	12	0.028	**0.05**	0.013	**0.02**	0.09
6	Body	BT	78	2480	DH5	Right	10mm	\	9.89	12	0.018	**0.03**	0.008	**0.01**	\
6	Body	BT	78	2480	DH5	Top	10mm	96	9.89	12	0.029	0.05	0.014	**0.02**	-0.14

14.4 SAR results for 10-g extremity SAR

According to the KDB648474 D04, the UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB Publication 865664 D01 to address interactive hand use exposure conditions. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg. If power reduction applied for hotspot mode, the SAR values should be scaled to normal power, and then compare it with 1.2W/kg.

The 10g extremity SAR is not required for this DUT, because all the hotspot mode 1g reported SAR is less than 1.2 W/kg.

15 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

Band	Frequency		Setup	Test Position	Original SAR (W/kg)	First Repeated SAR (W/kg)	The Ratio	Second Repeated SAR (W/kg)
	Ch.	MHz						
LTE B13	23230	782	1RB-High	Rear 5mm	0.846	0.821	1.03	\
LTE B66	132322	1745	1RB-Low	Rear 5mm	0.804	0.786	1.02	\
n41	509406	2547.03	DFT-s-OFDM QPSK	Rear 5mm	0.884	0.874	1.01	\
n66	355500	1777.5	DFT-s-OFDM QPSK	Rear 5mm	0.838	0.815	1.03	\

16 Measurement Uncertainty

16.1 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	

16.2 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	

16.3 Measurement Uncertainty for Fast 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	R	$\sqrt{3}$	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	∞
14	Fast SAR z-Approximation	B	7.0	R	$\sqrt{3}$	1	1	4.0	4.0	∞
Test sample related										
15	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	71
16	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
17	Drift of output power	B	5.0	R	$\sqrt{3}$	1	1	2.9	2.9	∞
Phantom and set-up										
18	Phantom uncertainty	B	4.0	R	$\sqrt{3}$	1	1	2.3	2.3	∞
19	Liquid conductivity (target)	B	5.0	R	$\sqrt{3}$	0.64	0.43	1.8	1.2	∞

20	Liquid conductivity (meas.)	A	2.06	N	1	0.64	0.43	1.32	0.89	43
21	Liquid permittivity (target)	B	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.4	∞
22	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	1.0	0.8	521
Combined standard uncertainty		$u_c^{'} = \sqrt{\sum_{i=1}^{22} c_i^2 u_i^2}$						10.4	10.3	257
Expanded uncertainty (confidence interval of 95 %)		$u_e = 2u_c$						20.8	20.6	

16.4 Measurement Uncertainty for Fast 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	$\sqrt{3}$	0.7	0.7	1.9	1.9	∞
3	Boundary effect	B	2.0	R	$\sqrt{3}$	1	1	1.2	1.2	∞
4	Linearity	B	4.7	R	$\sqrt{3}$	1	1	2.7	2.7	∞
5	Detection limit	B	1.0	R	$\sqrt{3}$	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	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
12	Probe positioning with respect to phantom shell	B	6.7	R	$\sqrt{3}$	1	1	3.9	3.9	∞
13	Post-processing	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
14	Fast SAR z-Approximation	B	14.0	R	$\sqrt{3}$	1	1	8.1	8.1	∞
Test sample related										
15	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	71
16	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5

17	Drift of output power	B	5.0	R	$\sqrt{3}$	1	1	2.9	2.9	∞
Phantom and set-up										
18	Phantom uncertainty	B	4.0	R	$\sqrt{3}$	1	1	2.3	2.3	∞
19	Liquid conductivity (target)	B	5.0	R	$\sqrt{3}$	0.64	0.43	1.8	1.2	∞
20	Liquid conductivity (meas.)	A	2.06	N	1	0.64	0.43	1.32	0.89	43
21	Liquid permittivity (target)	B	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.4	∞
22	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	1.0	0.8	521
Combined standard uncertainty		$u_c^{'} = \sqrt{\sum_{i=1}^{22} c_i^2 u_i^2}$						13.5	13.4	257
Expanded uncertainty (confidence interval of 95 %)		$u_e = 2u_c$						27.0	26.8	

17 MAIN TEST INSTRUMENTS

Table 17.1: List of Main Instruments

No.	Name	Type	Serial Number	Calibration Date	Valid Period
01	Network analyzer	E5071C	MY46110673	December 25, 2023	One year
02	Power sensor	NRP110T	101139	January 13, 2024	One year
03	Power sensor	NRP110T	101159	January 13, 2024	One year
04	Signal Generator	E4438C	MY49071430	December 25, 2023	One year
05	Dielectric Probe Kit	85070E	Agilent	No Calibration Requested	
06	Directional Coupler	778D	MY48220584	No Calibration Requested	
07	Amplifier	60S1G4	0331848	No Calibration Requested	
08	BTS	CMW500	159890	January 9, 2024	One year
09	E-field Probe	SPEAG EX3DV4	7727	September 11, 2024	One year
10	DAE	SPEAG DAE4	1745	September 13, 2024	One year
11	Dipole Validation Kit	SPEAG D750V3	1017	July 9,2024	One year
12	Dipole Validation Kit	SPEAG D835V2	4d069	July 9,2024	One year
13	Dipole Validation Kit	SPEAG D1800V2	2d145	July 11,2024	One year
14	Dipole Validation Kit	SPEAG D1900V2	5d101	July 8,2024	One year
15	Dipole Validation Kit	SPEAG D2450V2	853	July 10,2024	One year
16	Dipole Validation Kit	SPEAG D2600V2	1012	July 10,2024	One year
17	Dipole Validation Kit	SPEAG D3500V2	1016	June 13,2024	One year
18	Dipole Validation Kit	SPEAG D3700V2	1004	June 24,2024	One year
19	Dipole Validation Kit	SPEAG 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 SAR Sensor Triggering Data Summary

ANNEX J Accreditation Certificate