SAR TEST REPORT

No. 23T04Z80421-47

For

TCL Communication Ltd.

GSM/UMTS/LTE/NR Mobile phone

Model Name: T614D

FCC ID: 2ACCJH179

with

Hardware Version: 06

Software Version: 3CSF

Issued Date: 2024-1-6

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

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

Tel:+86(0)10-62304633-2512, Fax:+86(0)10-62304633-2504

Email: cttl_terminals@caict.ac.cn, website: www.caict.ac.cn

REPORT HISTORY

Report Number	Revision	Issue Date	Description
23T04Z80421-47	Rev.0	2023-12-30	Initial creation of test report
23T04Z80421-47	Rev.1	2024-1-6	Update information for the Equipment class of NFC;update information for the 2/3/4/5G Tune Up procedure; Add information for the 2nd battery and eSIM on Chapter 14

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

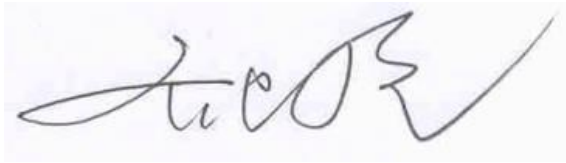
Testing Start Date: 2023-12-01

Testing End Date: 2023-12-30

1.5. Signature

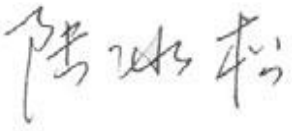
WangTian

(Prepared this test report)



Qi Dianyuan

(Reviewed this test report)



Lu Bingsong

Deputy Director of the laboratory

(Approved this test report)

2 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for TCL Communication Ltd. GSM/UMTS/LTE/NR Mobile phone T614D are as follows:

Table 2.1: Highest Reported SAR (1g)

Technology Band	Antenna	Head	Hotspot	Body Worn	Phablet-10g	Equipment Class
GSM850	**0**	**1.12**	**0.49**	**0.32**	****	PCE
GSM1900	**2**	**0.87**	**0.74**	**0.26**	****	
WCDMA1900	**2**	**0.66**	**0.76**	**0.39**	****	
WCDMA1700	**2**	**0.72**	**0.62**	**0.42**	****	
WCDMA 850	**0**	**0.57**	**0.38**	**0.21**	****	
LTE Band2	**2**	**0.76**	**0.58**	**0.40**	****	
LTE Band2	**1**	**0.14**	**0.37**	**0.20**	****	
LTE Band4	**2**	**0.68**	**0.42**	**0.32**	****	
LTE Band4	**1**	**0.26**	**0.62**	**0.53**	****	
LTE Band5	**0**	**0.63**	**0.45**	**0.26**	****	
LTE Band7	**4**	**0.95**	**0.66**	**0.28**	****	
LTE Band7	**3**	**0.05**	**<0.01**	**<0.01**	****	
LTE Band12	**0**	**0.65**	**0.24**	**0.24**	****	
LTE Band13	**0**	**0.60**	**0.39**	**0.38**	****	
LTE Band25	**2**	**0.58**	**0.58**	**0.40**	****	
LTE Band26	**0**	**0.63**	**0.35**	**0.25**	****	
LTE Band41-PC3	**4**	**0.75**	**0.54**	**0.37**	****	
LTE Band41-PC2	**4**	**0.62**	**0.82**	**0.55**	****	
LTE Band48	**2**	**0.12**	**0.25**	**0.08**	****	
LTE Band66	**2**	**0.60**	**0.40**	**0.27**	****	
LTE Band66	**1**	**0.23**	**0.22**	**0.17**	****	
LTE Band71	**0**	**0.57**	**0.36**	**0.27**	****	
5G NR n2	**2**	**0.69**	**0.69**	**0.51**	****	
5G NR n5	**0**	**0.67**	**0.59**	**0.34**	****	
5G NR n25	**2**	**0.63**	**0.79**	**0.39**	****	
5G NR n41	**4**	**0.91**	**0.74**	**0.52**	****	
5G NR n48	**2**	**0.90**	**1.10**	**0.65**	****	
5G NR n66	**2**	**0.81**	**0.81**	**0.54**	****	
5G NR n71	**0**	**0.66**	**0.38**	**0.33**	****	
5G NR n77	**2**	**0.67**	**1.00**	**0.29**	****	
5G NR n78	**2**	**0.45**	**0.64**	**0.16**	****	
WLAN 2.4GHz	**7**	**1.19**	**0.23**	**<0.01**	****	DTS
WLAN 5GHz	**7**	**0.35**	**0.41**	**<0.01**	****	NII
BT	**7**	**0.06**	**<0.01**	**<0.01**	****	DSS
NFC		**<0.01**	**<0.01**	**<0.01**	****	DXX

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 10 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: 1.19 W/kg(1g)
Hotspot:1.10 W/kg(1g)
Body worn:0.65 W/kg(1g).

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

	Position	**ULCA-LTE**	**ULCA-LTE**	**WiFi-5G**	**BT**	**NFC**	**Sum**
Highest SAR value for Head	Left head, Cheek	0.76 (LTEB2-ANT2)	0.34 (LTEB5-ANT0)	0.11	0.05	**<0.01**	**1.26**

According to the above tables, the highest sum of reported SAR values is **1.26 W/kg (1g)**. The detail for simultaneous transmission consideration is described in chapter 13.

3 Client Information

3.1 Applicant Information

Company Name:	TCL Communication Ltd.
Address/Post:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Contact Person:	Annie Jiang
Contact Email:	nianxiang.jiang@tcl.com
Telephone:	+86 755 3661 1621

3.2 Manufacturer Information

Company Name:	TCL Communication Ltd.
Address/Post:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Contact Person:	Annie Jiang
Contact Email:	nianxiang.jiang@tcl.com
Telephone:	+86 755 3661 1621

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

4.1 About EUT

Description:	GSM/UMTS/LTE/NR Mobile phone
Model name:	T614D
Operating mode(s):	GSM850/900/1800/1900, WCDMA850/900/1700/1900/2100 LTE Band 1/2/3/4/5/7/12/13/20/25/26/28/29/38/40/41/48/66/71 BT, NFC,Wi-Fi(2.4G/5G),NR 5G
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 – 1755 MHz (LTE Band 4)
	869 – 894 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)
	1850.7 – 1914.3 MHz (LTE Band 25)
	814 – 849 MHz (LTE Band 26)
	2498.5 –2687.5 MHz (LTE Band 41)
	3550 – 3700 MHz (LTE Band 48)
	1710.7 –1779.3 MHz (LTE Band 66)
	665.5 –695.5 MHz (LTE Band 71)
	1852.5 – 1907.5 MHz(n2)
	824 – 849 MHz(n5)
	1850 – 1915 MHz(n25)
	2496 – 2690 MHz(n41)
	1710 – 1780 MHz (n66)
	663 – 698 MHz(n71)
	3552.51 – 3697.5 MHz (n48)
	3450– 3550 MHz ,3700– 3980 MHz (n77)
	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)
	13.56 Mhz(NFC)
	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	016499000012217/016499000012241	06	3CSF
EUT2	016499000011961/016499000011987	06	3CSF
EUT3	016499000012258/016499000012266	06	3CSF
EUT4	016499000012803/016499000012829	06	3CSF
EUT5	016499000013199/016499000013223	06	3CSF
EUT6	016499000013116/016499000013140	06	3CSF

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

Note: It is performed to test SAR with the EUT1-3 and conducted power with the EUT4-6.

4.3 Internal Identification of AE used during the test

AE ID*	Description	Model	SN	Manufacturer
AE1	Battery	TLp049FA	/	TMB
AE1	Battery	TLp049F7	/	Veken

*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

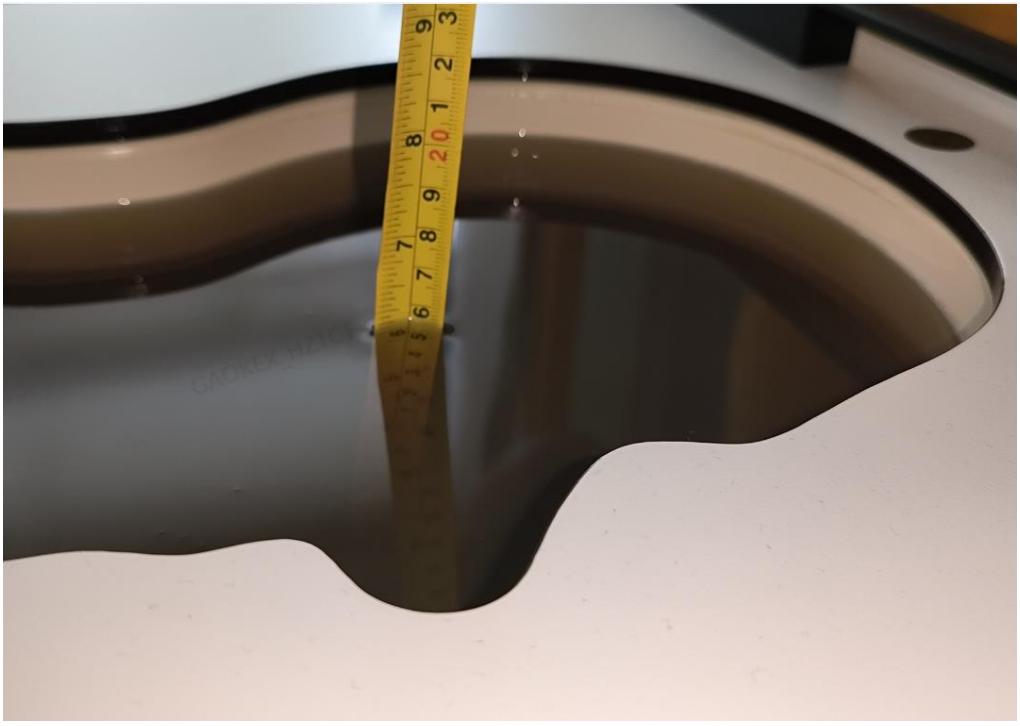
Frequency(MHz)	Liquid Type	Conductivity(σ)	± 5% Range	Permittivity(ε)	± 5% Range
13	Head	0.75	0.675~0.825	55	49.5~60.5
750	Head	0.89	0.85～0.93	41.94	39.8～44.0
835	Head	0.90	0.86～0.95	41.50	39.40～43.60
1750	Head	1.37	1.30～1.44	40.08	38.1～42.1
1900	Head	1.40	1.33～1.47	40.00	38.00～42.00
2300	Head	1.67	1.50～1.84	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

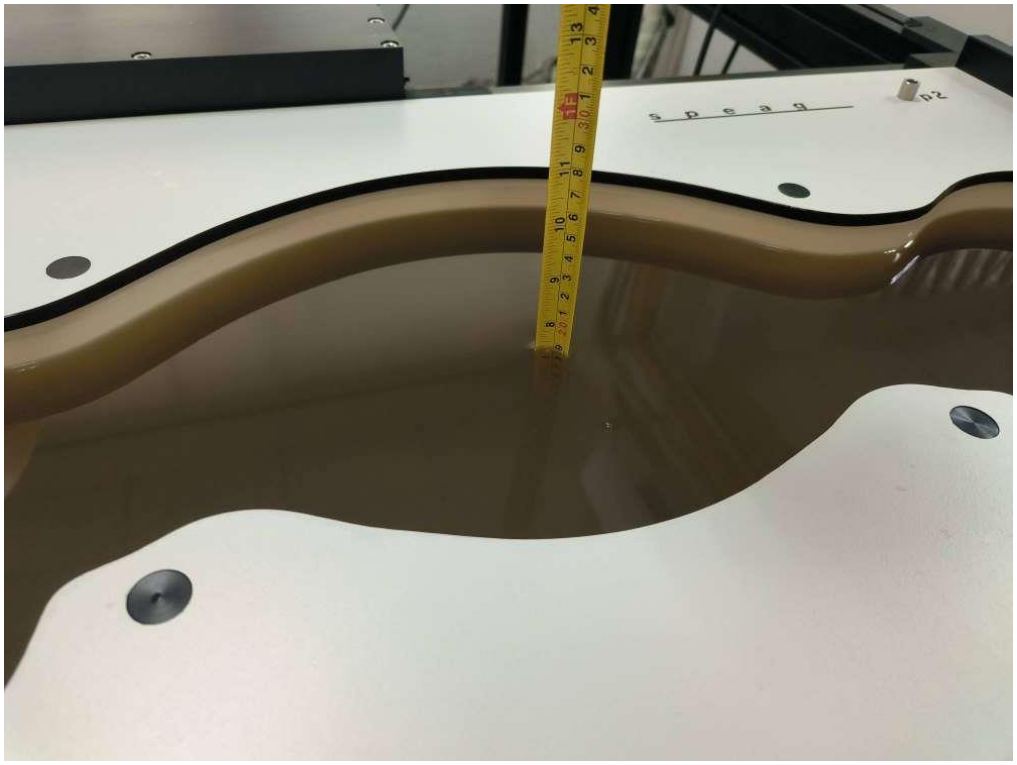
Table 7.2: Dielectric Performance of Tissue Simulating Liquid

Measurement Date (yyyy-mm-dd)	Type	Frequency	Permittivity ε	Drift (%)	Conductivity σ (S/m)	Drift (%)
2023/12/1	Head	750 MHz	45.68	8.92	0.8889	-0.12
2023/12/2	Head	835 MHz	45.44	9.49	0.9225	2.50
2023/12/4	Head	1750 MHz	43.39	8.26	1.406	2.63
2023/12/5	Head	1900 MHz	43.08	7.70	1.492	6.57
2023/12/7	Head	2300 MHz	42.44	7.52	1.782	6.71
2023/12/9	Head	2450 MHz	42.18	7.60	1.908	6.00
2023/12/10	Head	2600 MHz	41.87	7.33	2.033	3.72
2023/12/13	Head	3300 MHz	40.43	5.95	2.634	-2.80
2023/12/17	Head	3500 MHz	40.96	7.99	2.818	-3.16
2023/12/20	Head	3700 MHz	39.7	5.31	3.009	-3.56
2023/12/22	Head	3900 MHz	39.4	5.15	3.196	-3.73
2023/12/25	Head	4200 MHz	38.9	4.77	3.491	-3.83
2023/12/27	Head	5250 MHz	36.85	2.56	4.662	-1.02
2023/12/28	Head	5600 MHz	36.25	2.03	5.058	-0.24
2023/12/29	Head	5750 MHz	35.95	1.67	5.233	0.25
2023/12/29	Head	13MHz	53.21	-3.25	0.761	1.47

Note: The liquid temperature is 22.0°C



Picture 7-1 Liquid depth in the Head Phantom

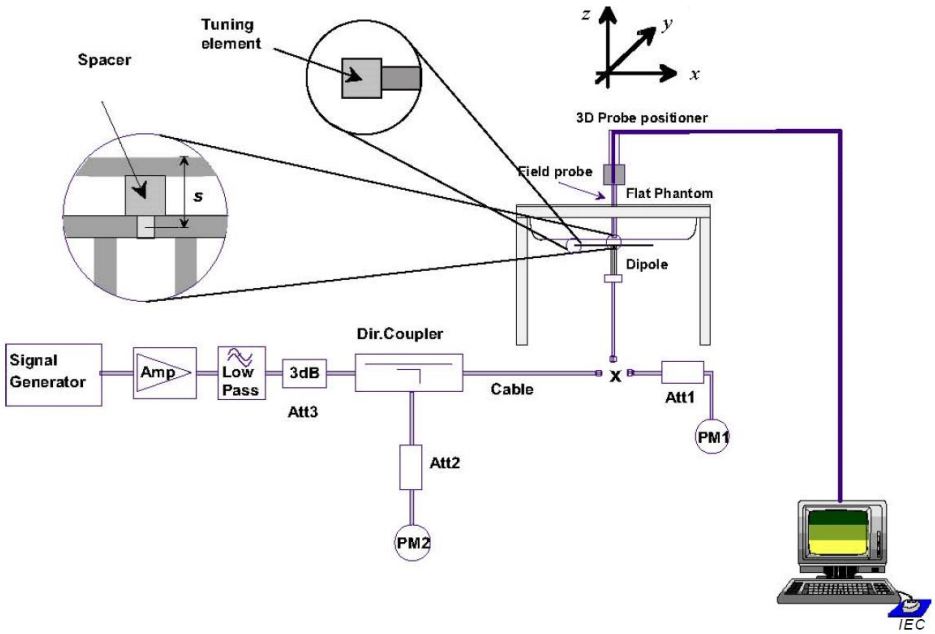


Picture 7-2 Liquid depth in the Flat Phantom

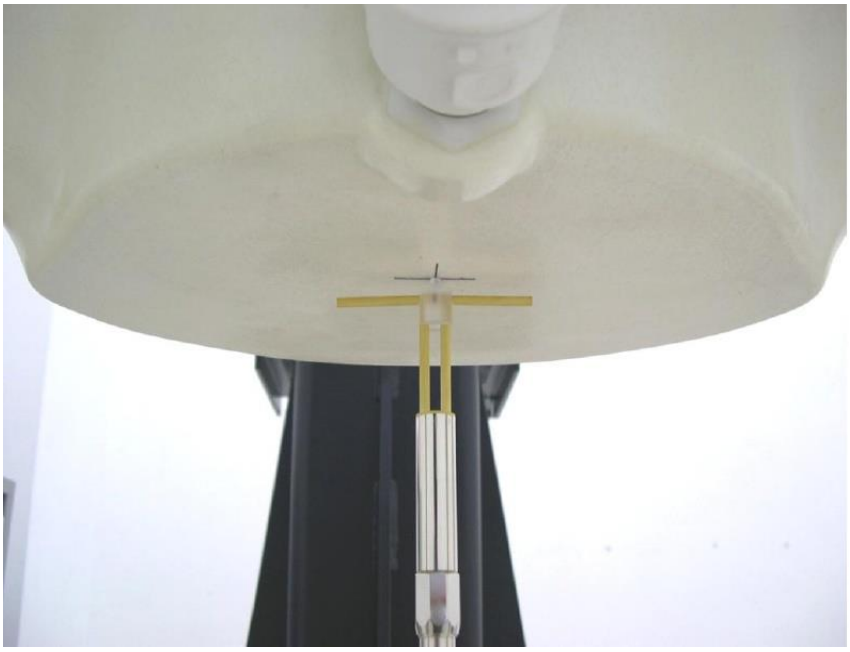
8 System verification

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
2023/12/1	750 MHz	5.54	8.48	5.53	8.54	-0.23%	0.75%
2023/12/2	835 MHz	6.32	9.55	6.53	9.63	3.33%	0.87%
2023/12/4	1750 MHz	18.9	35.8	19.9	36.1	5.18%	0.74%
2023/12/5	1900 MHz	21.0	40.4	21.3	38.5	1.53%	-4.68%
2023/12/7	2300 MHz	24.0	49.1	23.2	50.1	-3.20%	2.03%
2023/12/9	2450 MHz	24.5	52.4	25.9	54.8	5.70%	4.60%
2023/12/10	2600 MHz	25.2	55.8	25.7	54.7	2.00%	-2.00%
2023/12/13	3300 MHz	25.5	66.10	26.0	63.0	1.96%	-4.69%
2023/12/17	3500 MHz	25.2	66.90	25.3	67.0	0.40%	0.15%
2023/12/20	3700 MHz	23.6	64.6	24.9	64.6	5.46%	0.01%
2023/12/22	3900 MHz	23.8	68.6	24.1	69.6	1.26%	1.46%
2023/12/25	4200 MHz	22.4	66.2	23.3	68.8	3.92%	3.93%
2023/12/27	5250 MHz	22.6	78.9	21.9	79.7	-3.30%	0.97%
2023/12/28	5600 MHz	23.8	83.6	22.8	81.5	-4.40%	-2.47%
2023/12/29	5750 MHz	22.7	80.5	21.9	78.8	-3.58%	-2.12%
2023/12/29	13MHz	0.356	0.577	0.362	0.584	1.69%	1.21%

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.

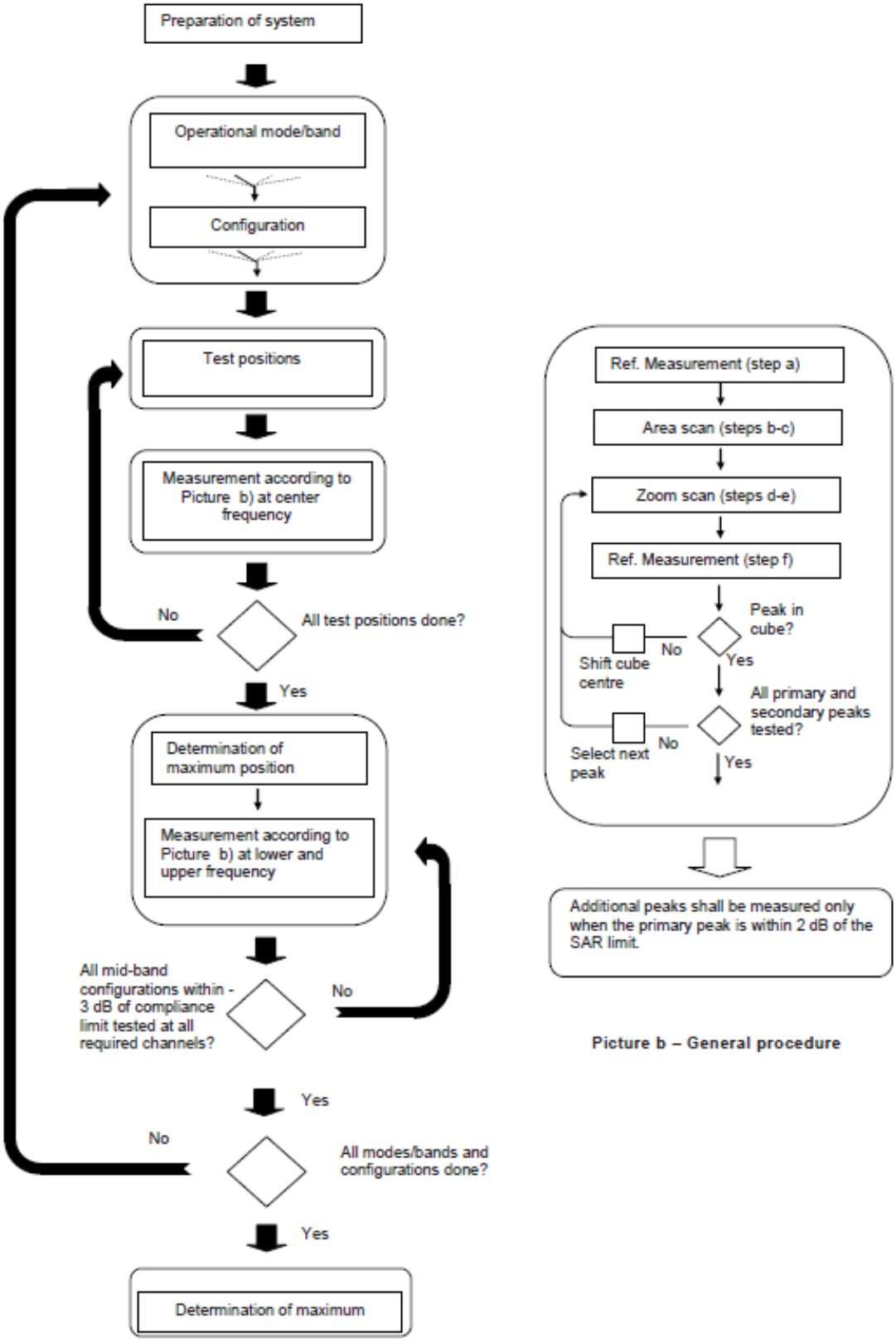
Step 1: The tests described in 9.2 shall be performed at the channel that is closest to the centre of the transmit frequency band (f_c) for:

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 a – Tests to be performed

Picture b – General procedure

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.

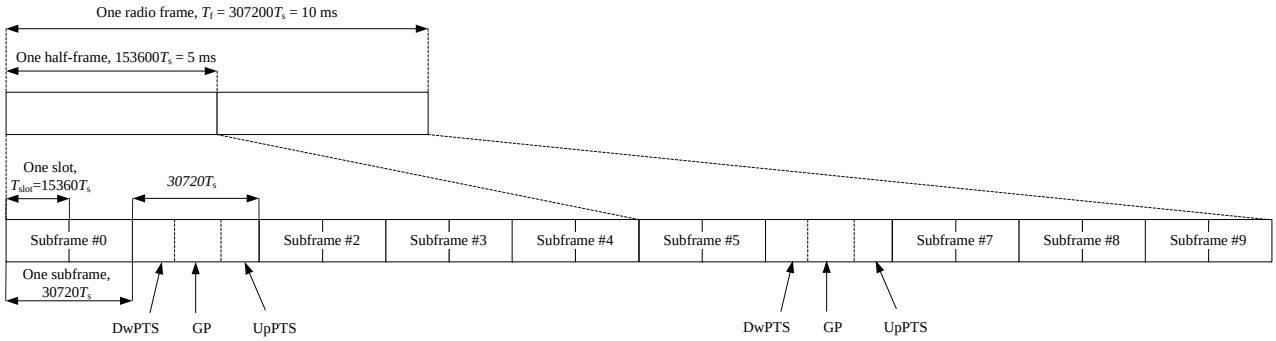


Figure 9.2: Frame structure type 2 (for 5 ms switch-point periodicity)

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

Table11.1: Summary of Receiver detection mechanism-Main antenna

Standalone			ENDC/ULCA		
Hotspot off/on+Receiver on	Hotspot on+Receiver off	Hotspot off+Receiver off	Hotspot off/on+Receiver on	Hotspot on+Receiver off	Hotspot off+Receiver off
DSI0	DSI1	DSI2	DSI3	DSI4	DSI5

11.1 GSM Measurement result

GSM850-DSI0/1/2 ANT0

GSM850 Head	Conducted Power (dBm)							
	Channel 251(848.8MHz)	Channel 190(836.6MHz)	Channel 128(824.2MHz)					
	32.08	31.59	31.57	33.00				
GSM 850	Burst Power (dBm)				calculation	Frame Power (dBm)		
GPRS (GMSK)	251	190	128		(dB)	251	190	128
1 Txslot	32.03	31.50	31.46	33.00	-9.03	23.00	22.47	22.43
2 Txslots	31.58	31.04	31.03	31.50	-6.02	25.56	25.02	25.01
3Txslots	30.08	29.47	29.59	30.50	-4.26	25.82	25.21	25.33
4 Txslots	28.78	28.13	28.31	29.00	-3.01	25.77	25.12	25.30
GSM 850	Burst Power (dBm)				calculation	Frame Power (dBm)		
EGPRS (GMSK)	251	190	128		(dB)	251	190	128
1 Txslot	31.88	31.38	31.37	33.00	-9.03	22.85	22.35	22.34
2 Txslots	31.42	30.91	30.94	31.50	-6.02	25.40	24.89	24.92
3Txslots	29.92	29.35	29.50	30.50	-4.26	25.66	25.09	25.24
4 Txslots	28.63	28.02	28.24	29.00	-3.01	25.62	25.01	25.23
GSM 850	Burst Power (dBm)				calculation	Frame Power (dBm)		
EGPRS (8PSK)	251	190	128		(dB)	251	190	128
1 Txslot	28.27	28.39	28.40	29.00	-9.03	19.24	19.36	19.37
2 Txslots	27.61	28.58	27.68	28.00	-6.02	21.59	22.56	21.66
3Txslots	25.05	25.18	25.24	27.00	-4.26	20.79	20.92	20.98
4 Txslots	23.47	23.60	23.67	26.00	-3.01	20.46	20.59	20.66

GSM1900- DSI0 ANT2

PCS1900	Conducted Power (dBm)							
	Channel 810(1909.8MHz)	Channel 661(1880MHz)	Channel 512(1850.2MHz)	Tune up				
	27.36	27.26	27.38	28.00				
PCS1900	Burst Power (dBm)				calculation	Frame Power (dBm)		
GPRS (GMSK)	810	661	512		(dB)	810	661	512
1 Txslot	27.22	27.10	27.22	28.00	-9.03	18.19	18.07	18.19
2 Txslots	27.18	27.06	27.18	28.00	-6.02	21.16	21.04	21.16
3Txslots	25.50	25.39	25.51	26.00	-4.26	21.24	21.13	21.25
4 Txslots	24.32	24.35	24.34	25.00	-3.01	21.31	21.34	21.33
PCS1900	Burst Power (dBm)				calculation	Frame Power (dBm)		
EGPRS (GMSK)	810	661	512		(dB)	810	661	512
1 Txslot	27.17	27.07	27.19	28.00	-9.03	18.14	18.04	18.16
2 Txslots	27.13	27.04	27.16	28.00	-6.02	21.11	21.02	21.14
3Txslots	25.46	25.36	25.49	26.00	-4.26	21.20	21.10	21.23
4 Txslots	24.40	24.33	24.33	25.00	-3.01	21.39	21.32	21.32
PCS1900	Burst Power (dBm)				calculation	Frame Power (dBm)		
EGPRS (8PSK)	810	661	512		(dB)	810	661	512
1 Txslot	26.04	26.07	26.17	27.00	-9.03	17.01	17.04	17.14
2 Txslots	25.18	25.44	25.29	26.00	-6.02	19.16	19.42	19.27
3Txslots	23.33	23.35	23.41	24.00	-4.26	19.07	19.09	19.15
4 Txslots	22.68	22.30	22.39	23.00	-3.01	19.67	19.29	19.38

GSM1900- DSI2/3 ANT2

PCS1900	Conducted Power (dBm)							
	Channel 810(1909.8MHz)	Channel 661(1880MHz)	Channel 512(1850.2MHz)					
	29.32	29.14	29.23	30.00				
PCS1900	Burst Power (dBm)				calculation	Frame Power (dBm)		
GPRS (GMSK)	810	661	512		(dB)	810	661	512
1 Txslot	28.86	28.90	28.97	30.00	-9.03	19.83	19.87	19.94
2 Txslots	28.30	28.34	28.50	29.50	-6.02	22.28	22.32	22.48
3Txslots	26.69	26.86	26.91	28.00	-4.26	22.43	22.60	22.65
4 Txslots	25.46	25.61	25.67	27.00	-3.01	22.45	22.60	22.66
PCS1900	Burst Power (dBm)				calculation	Frame Power (dBm)		
EGPRS (GMSK)	810	661	512		(dB)	810	661	512
1 Txslot	28.92	28.96	28.91	30.00	-9.03	19.89	19.93	19.88
2 Txslots	28.37	28.41	28.33	29.50	-6.02	22.35	22.39	22.31
3Txslots	26.77	26.79	26.77	28.00	-4.26	22.51	22.53	22.51
4 Txslots	25.54	25.62	25.72	27.00	-3.01	22.53	22.61	22.71
PCS1900	Burst Power (dBm)				calculation	Frame Power (dBm)		
EGPRS (8PSK)	810	661	512		(dB)	810	661	512
1 Txslot	26.21	25.95	26.03	26.80	-9.03	17.18	16.92	17.00
2 Txslots	24.96	25.07	25.16	26.00	-6.02	18.94	19.05	19.14
3Txslots	23.09	23.17	23.25	24.00	-4.26	18.83	18.91	18.99
4 Txslots	22.05	22.15	22.22	23.00	-3.01	19.04	19.14	19.21

11.2 WCDMA Measurement result

WCDMA850- DSI0 ANT0

WCDMA850	FDDV result (dBm)			
	4233/4458	4183/4408	4132/4357	
	(846.6MHz)	(836.6MHz)	(826.4MHz)	
	22.65	22.63	22.71	23.00
HSUPA	19.65	19.65	19.69	20.50
	19.46	19.45	19.43	19.50
	19.8	19.67	19.76	20.50
	19.2	19.14	19.29	19.50
	20.67	20.60	20.72	21.50
HSPA+	20.62	20.85	20.72	21.00
DC-HSDPA	21.6	21.63	21.71	22.00
	21.36	21.36	21.42	21.50
	20.72	20.85	20.84	21.00
	20.81	20.89	20.87	21.00

WCDMA850- DSI1/2 ANT0

WCDMA850	FDDV result (dBm)			
	4233/4458	4183/4408	4132/4357	
	(846.6MHz)	(836.6MHz)	(826.4MHz)	
	23.55	23.74	23.62	24.00
HSUPA	20.48	20.55	20.52	21.50
	20.41	20.43	20.49	20.50
	20.78	20.53	20.61	21.50
	20.11	20.06	20.14	20.50
	21.49	21.44	21.58	22.50
HSPA+	21.57	21.82	21.62	22.00
DC-HSDPA	22.48	22.51	22.55	23.00
	22.45	22.44	22.48	22.50
	21.87	21.82	21.95	22.00
	21.92	21.73	21.94	22.00

WCDMA1700- DSI0 ANT2

WCDMA1700	FDDIV result (dBm)			
	1513/1738	1412/1637	1312/1537	
	(1752.6MHz)	(1732.4MHz)	(1712.4MHz)	
	20.35	20.44	20.47	21.00
HSUPA	17.63	17.72	17.67	19.50
	16.6	16.77	16.74	18.00
	16.9	16.72	16.65	18.50
	16.25	16.31	16.29	17.50
	17.71	17.81	17.68	19.50
HSPA+	18.21	18.18	18.17	19.00
DC-HSDPA	18.7	18.63	18.68	20.00
	19.55	19.56	19.61	20.00
	19.17	19.10	19.31	19.50
	19.1	19.30	19.24	19.50

WCDMA1700- DSI1/2 ANT2

WCDMA1700	FDDIV result (dBm)			
	1513/1738	1412/1637	1312/1537	
	(1752.6MHz)	(1732.4MHz)	(1712.4MHz)	
	23.47	23.51	23.54	24.00
HSUPA	20.53	20.59	20.63	22.50
	19.52	19.61	19.63	21.00
	19.72	19.66	19.61	21.50
	19.08	19.14	19.12	20.50
	20.53	20.66	20.58	22.50
HSPA+	21.04	21.15	21.10	22.00
DC-HSDPA	21.52	21.58	21.61	23.00
	22.53	22.41	22.46	23.00
	22.14	22.06	22.17	22.50
	22.07	22.18	22.13	22.50

WCDMA1900- DSI0 ANT2

WCDMA1900	FDDII result (dBm)			
	9538/9938	9400/9800	9262/9662	
	(1907.6MHz)	(1880MHz)	(1852.4MHz)	
	18.51	18.36	18.47	19.00
HSUPA	15.73	15.80	15.63	17.50
	14.75	14.61	14.68	16.00
	15.28	15.37	15.19	17.00
	14.14	14.16	14.28	15.50
	15.67	15.81	15.68	17.50
HSPA+	16.24	16.20	16.08	17.00
DC-HSDPA	16.71	16.77	16.72	18.00
	17.67	17.55	17.64	18.00
	17.09	17.30	17.34	17.50
	17.29	17.14	17.34	17.50

WCDMA1900- DSI1 ANT2

WCDMA1900	FDDII result (dBm)			
	9538/9938	9400/9800	9262/9662	
	(1907.6MHz)	(1880MHz)	(1852.4MHz)	
	22.43	22.40	22.51	23.00
HSUPA	19.73	19.79	19.72	21.50
	18.71	18.52	18.60	20.00
	19.26	19.22	19.17	21.00
	18.21	18.23	18.32	19.50
	19.88	19.67	19.57	21.50
HSPA+	20.14	20.31	20.22	21.00
DC-HSDPA	20.74	20.84	20.76	22.00
	21.64	21.48	21.80	22.00
	21.27	21.22	21.19	21.50
	21.22	21.13	21.32	21.50

WCDMA1900- DSI2 ANT2

WCDMA1900	FDDII result (dBm)			
	9538/9938	9400/9800	9262/9662	
	(1907.6MHz)	(1880MHz)	(1852.4MHz)	
	23.52	23.41	23.54	24.00
HSUPA	20.59	20.64	20.57	22.50
	19.52	19.48	19.55	21.00
	20.03	20.12	20.04	22.00
	19.02	19.11	19.07	20.50
	20.63	20.58	20.51	22.50
HSPA+	20.98	21.07	21.00	22.00
DC-HSDPA	21.49	21.65	21.52	23.00
	22.53	22.44	22.55	23.00
	22.01	22.12	22.10	22.50
	22.05	22.04	22.08	22.50

11.3 LTE Measurement result

Band	ANT	Tune up (dBm)					
		DSI0	DSI1	DSI2	DSI3	DSI4	DSI5
LTE Band2	**2**	20	22.5	23.5	\	\	\
LTE Band2	**1**	\	\	\	24.5	19	20
LTE Band4	**2**	21	23	23.5	21	23	23.5
LTE Band4	**1**	\	\	\	24.5	22	23
LTE Band5	**0**	23.5	24.5	24.5	21.5	24.5	24.5
LTE Band7	**4**	19	19	19.5	\	\	\
LTE Band7	**3**	\	\	\	17	15	16
LTE Band12	**0**	24	24.5	24.5	22	24.5	24.5
LTE Band13	**0**	24.5	24.5	24.5	22	24.5	24.5
LTE Band25	**2**	18.5	22	23.5	\	\	\
LTE Band26	**0**	23.5	24.5	24.5	\	\	\
LTE Band41-PC3	**4**	22	21.5	22.5	\	\	\
LTE Band41-PC2	**4**	23	25	26	\	\	\
LTE Band48	**2**	20.5	20	21	20.5	20	21
LTE Band66	**2**	20.5	22.5	23.5	18	18	19
LTE Band66	**1**	\	\	\	24.5	17	19
LTE Band71	**0**	24.5	24.5	24.5	\	\	\

LTEB2- ANT2 DSI0

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	19.02	19.33	19.20	18.48
		1880 (18900)	18.78	19.05	18.92	18.25
		1850.7 (18607)	18.88	19.10	19.01	18.34
	1RB-Middle (3)	1909.3 (19193)	19.01	19.28	19.23	18.47
		1880 (18900)	18.82	19.04	18.97	18.28
		1850.7 (18607)	18.85	19.17	19.04	18.31
	1RB-Low (0)	1909.3 (19193)	19.04	19.28	19.18	18.50
		1880 (18900)	18.84	19.04	18.94	18.30
		1850.7 (18607)	18.88	19.17	19.04	18.34
	3RB-High (3)	1909.3 (19193)	19.02	18.96	19.05	18.48
		1880 (18900)	18.81	18.78	18.87	18.27
		1850.7 (18607)	18.84	18.74	18.88	18.30
	3RB-Middle (1)	1909.3 (19193)	19.03	18.97	19.10	18.49
		1880 (18900)	18.79	18.71	18.85	18.26
		1850.7 (18607)	18.84	18.90	18.88	18.30
	3RB-Low (0)	1909.3 (19193)	19.06	19.06	19.15	18.52
		1880 (18900)	18.80	18.75	18.84	18.26
		1850.7 (18607)	18.84	18.84	18.94	18.30
	6RB (0)	1909.3 (19193)	19.04	19.12	19.04	18.50
		1880 (18900)	18.83	18.90	18.77	18.29
		1850.7 (18607)	18.84	18.95	18.86	18.30
3MHz	1RB-High (14)	1908.5 (19185)	19.01	19.21	19.16	18.47
		1880 (18900)	18.83	19.13	19.06	18.29
		1851.5 (18615)	18.83	19.18	19.04	18.29
	1RB-Middle (7)	1908.5 (19185)	19.00	19.27	19.19	18.46
		1880 (18900)	18.88	19.14	18.95	18.34
		1851.5 (18615)	18.85	19.03	19.07	18.31
	1RB-Low (0)	1908.5 (19185)	19.01	19.28	19.23	18.47
		1880 (18900)	18.81	19.08	18.97	18.27
		1851.5 (18615)	18.83	19.20	18.98	18.29
	8RB-High (7)	1908.5 (19185)	19.08	19.12	19.06	18.54

		1880 (18900)	18.85	18.83	18.86	18.31
		1851.5 (18615)	18.84	18.93	18.90	18.30
	8RB-Middle (4)	1908.5 (19185)	19.05	19.14	19.13	18.51
		1880 (18900)	18.85	18.89	18.86	18.31
		1851.5 (18615)	18.84	18.91	18.89	18.30
	8RB-Low (0)	1908.5 (19185)	19.02	19.10	19.09	18.48
		1880 (18900)	18.84	18.86	18.85	18.30
		1851.5 (18615)	18.87	18.92	18.89	18.33
	15RB (0)	1908.5 (19185)	19.04	19.09	19.09	18.50
		1880 (18900)	18.80	18.85	18.83	18.26
		1851.5 (18615)	18.86	18.85	18.87	18.32
5MHz	1RB-High (24)	1907.5 (19175)	19.05	19.43	19.36	18.51
		1880 (18900)	18.86	19.22	19.03	18.32
		1852.5 (18625)	18.92	19.28	19.07	18.38
	1RB-Middle (12)	1907.5 (19175)	19.07	19.36	19.30	18.53
		1880 (18900)	18.87	19.05	19.03	18.33
		1852.5 (18625)	18.89	19.28	19.13	18.35
	1RB-Low (0)	1907.5 (19175)	19.01	19.31	19.19	18.47
		1880 (18900)	18.86	19.15	19.07	18.32
		1852.5 (18625)	18.89	19.17	19.12	18.35
	12RB-High (13)	1907.5 (19175)	19.10	19.17	19.16	18.56
		1880 (18900)	18.85	18.82	18.90	18.31
		1852.5 (18625)	18.92	18.88	18.94	18.38
	12RB-Middle (6)	1907.5 (19175)	19.05	19.13	19.13	18.51
		1880 (18900)	18.89	18.89	18.88	18.35
		1852.5 (18625)	18.92	18.91	18.98	18.38
	12RB-Low (0)	1907.5 (19175)	19.10	19.16	19.16	18.56
		1880 (18900)	18.85	18.88	18.91	18.31
		1852.5 (18625)	18.91	18.91	18.94	18.37
	25RB (0)	1907.5 (19175)	19.10	19.10	19.10	18.56
		1880 (18900)	18.92	18.87	18.88	18.38
		1852.5 (18625)	18.94	18.92	18.90	18.40
10MHz	1RB-High (49)	1905 (19150)	19.17	19.33	19.28	18.62
		1880 (18900)	18.95	19.29	19.05	18.41
		1855 (18650)	18.94	19.28	19.18	18.40

	1RB-Middle (24)	1905 (19150)	19.02	19.32	19.22	18.48
		1880 (18900)	18.84	19.05	19.06	18.30
		1855 (18650)	18.87	19.20	19.01	18.33
	1RB-Low (0)	1905 (19150)	19.08	19.34	19.23	18.54
		1880 (18900)	18.89	19.15	19.03	18.35
		1855 (18650)	18.95	19.30	19.12	18.41
	25RB-High (25)	1905 (19150)	19.09	19.09	19.09	18.55
		1880 (18900)	18.89	18.87	18.88	18.35
		1855 (18650)	18.90	18.87	18.89	18.36
	25RB-Middle (12)	1905 (19150)	19.08	19.05	19.08	18.54
		1880 (18900)	18.83	18.82	18.85	18.29
		1855 (18650)	18.90	18.88	18.87	18.36
	25RB-Low (0)	1905 (19150)	19.09	19.07	19.08	18.55
		1880 (18900)	18.86	18.87	18.87	18.32
		1855 (18650)	18.87	18.86	18.89	18.33
	50RB (0)	1905 (19150)	19.07	19.09	19.05	18.53
		1880 (18900)	18.85	18.86	18.87	18.31
		1855 (18650)	18.92	18.89	18.93	18.38
15MHz	1RB-High (74)	1902.5 (19125)	19.14	19.44	19.22	18.60
		1880 (18900)	18.89	19.20	19.16	18.35
		1857.5 (18675)	18.92	19.27	19.11	18.38
	1RB-Middle (37)	1902.5 (19125)	19.09	19.31	19.29	18.55
		1880 (18900)	18.91	19.24	19.06	18.37
		1857.5 (18675)	18.96	19.20	19.15	18.42
	1RB-Low (0)	1902.5 (19125)	18.96	19.20	19.09	18.42
		1880 (18900)	18.90	19.19	19.02	18.36
		1857.5 (18675)	18.96	19.22	19.14	18.42
	36RB-High (38)	1902.5 (19125)	19.11	19.06	19.12	18.57
		1880 (18900)	18.90	18.86	18.89	18.36
		1857.5 (18675)	18.94	18.89	18.90	18.40
	36RB-Middle (19)	1902.5 (19125)	19.06	19.02	19.05	18.52
		1880 (18900)	18.90	18.89	18.89	18.36
		1857.5 (18675)	18.96	18.93	18.96	18.42
	36RB-Low (0)	1902.5 (19125)	19.05	18.99	19.03	18.51
		1880 (18900)	18.89	18.87	18.90	18.35
		1857.5 (18675)	18.91	18.87	18.90	18.37

	75RB (0)	1902.5 (19125)	19.05	19.05	19.03	18.51
		1880 (18900)	18.89	18.88	18.90	18.35
		1857.5 (18675)	18.96	18.95	18.96	18.42
20MHz	1RB-High (99)	1900 (19100)	19.21	19.41	19.33	18.66
		1880 (18900)	18.99	19.32	19.09	18.45
		1860 (18700)	18.97	19.29	19.18	18.43
	1RB-Middle (50)	1900 (19100)	19.09	19.32	19.28	18.55
		1880 (18900)	19.22	19.34	19.08	18.43
		1860 (18700)	19.01	19.32	19.12	18.47
	1RB-Low (0)	1900 (19100)	18.98	19.23	19.18	18.44
		1880 (18900)	19.00	19.13	19.09	18.46
		1860 (18700)	19.02	19.33	19.18	18.48
	50RB-High (50)	1900 (19100)	19.16	19.16	19.18	18.61
		1880 (18900)	18.98	18.95	18.94	18.44
		1860 (18700)	18.96	18.94	18.94	18.42
	50RB-Middle (25)	1900 (19100)	19.16	19.14	19.13	18.61
		1880 (18900)	19.17	18.97	18.98	18.46
		1860 (18700)	19.03	19.00	19.01	18.49
	50RB-Low (0)	1900 (19100)	19.09	19.05	19.05	18.55
		1880 (18900)	19.18	18.95	18.92	18.42
		1860 (18700)	19.02	18.98	18.99	18.48
	100RB (0)	1900 (19100)	19.12	19.15	19.15	18.58
		1880 (18900)	18.97	18.96	18.94	18.43
		1860 (18700)	18.96	18.93	18.98	18.42

LTEB2- ANT2 DSI1

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	21.97	22.16	22.11	18.88
		1880 (18900)	21.78	22.05	21.96	18.72
		1850.7 (18607)	21.74	21.93	21.91	18.69
	1RB-Middle (3)	1909.3 (19193)	21.95	22.17	22.12	18.87
		1880 (18900)	21.78	22.03	21.98	18.72
		1850.7 (18607)	21.64	21.91	21.84	18.60

	1RB-Low (0)	1909.3 (19193)	21.86	22.03	22.08	18.79
		1880 (18900)	21.75	21.94	21.99	18.69
		1850.7 (18607)	21.77	21.95	21.93	18.71
	3RB-High (3)	1909.3 (19193)	21.98	21.97	22.02	18.89
		1880 (18900)	21.76	21.84	21.88	18.70
		1850.7 (18607)	21.71	21.69	21.81	18.66
	3RB-Middle (1)	1909.3 (19193)	21.93	21.92	22.01	18.85
		1880 (18900)	21.77	21.75	21.82	18.71
		1850.7 (18607)	21.70	21.72	21.81	18.65
	3RB-Low (0)	1909.3 (19193)	21.88	21.84	21.96	18.81
		1880 (18900)	21.74	21.71	21.79	18.69
		1850.7 (18607)	21.70	21.67	21.81	18.65
	6RB (0)	1909.3 (19193)	21.92	22.03	20.89	18.84
		1880 (18900)	21.82	21.84	20.77	18.75
		1850.7 (18607)	21.75	21.83	20.81	18.69
3MHz	1RB-High (14)	1908.5 (19185)	22.05	22.12	22.12	18.95
		1880 (18900)	21.71	22.00	21.89	18.66
		1851.5 (18615)	21.66	22.00	21.93	18.62
	1RB-Middle (7)	1908.5 (19185)	21.92	22.19	22.11	18.84
		1880 (18900)	21.76	22.09	21.92	18.70
		1851.5 (18615)	21.73	21.89	21.88	18.68
	1RB-Low (0)	1908.5 (19185)	21.85	22.19	22.07	18.78
		1880 (18900)	21.72	22.11	21.95	18.67
		1851.5 (18615)	21.69	21.98	22.01	18.64
	8RB-High (7)	1908.5 (19185)	21.95	21.98	20.93	18.87
		1880 (18900)	21.72	21.82	20.82	18.67
		1851.5 (18615)	21.71	21.81	20.82	18.66
	8RB-Middle (4)	1908.5 (19185)	21.92	21.99	20.92	18.84
		1880 (18900)	21.77	21.83	20.85	18.71
		1851.5 (18615)	21.72	21.78	20.72	18.67
	8RB-Low (0)	1908.5 (19185)	21.98	21.99	20.96	18.89
		1880 (18900)	21.80	21.88	20.85	18.74
		1851.5 (18615)	21.77	21.76	20.77	18.71
	15RB (0)	1908.5 (19185)	21.93	21.95	20.91	18.85
		1880 (18900)	21.73	21.80	20.75	18.68
		1851.5 (18615)	21.71	21.80	20.71	18.66

5MHz	1RB-High (24)	1907.5 (19175)	21.97	22.11	22.13	18.88
		1880 (18900)	21.78	21.97	22.02	18.72
		1852.5 (18625)	21.75	22.02	22.01	18.69
	1RB-Middle (12)	1907.5 (19175)	21.94	22.18	22.04	18.86
		1880 (18900)	21.85	22.10	22.00	18.78
		1852.5 (18625)	21.72	22.07	22.09	18.67
	1RB-Low (0)	1907.5 (19175)	21.86	22.06	22.15	18.79
		1880 (18900)	21.80	22.20	22.06	18.74
		1852.5 (18625)	21.74	22.02	22.05	18.69
	12RB-High (13)	1907.5 (19175)	21.97	21.98	21.00	18.88
		1880 (18900)	21.80	21.79	20.82	18.74
		1852.5 (18625)	21.80	21.82	20.83	18.74
	12RB-Middle (6)	1907.5 (19175)	21.93	21.99	20.99	18.85
		1880 (18900)	21.78	21.82	20.82	18.72
		1852.5 (18625)	21.76	21.80	20.82	18.70
	12RB-Low (0)	1907.5 (19175)	21.94	21.98	21.01	18.86
		1880 (18900)	21.80	21.80	20.88	18.74
		1852.5 (18625)	21.77	21.76	20.81	18.71
	25RB (0)	1907.5 (19175)	21.98	21.97	20.96	18.89
		1880 (18900)	21.82	21.86	20.82	18.75
		1852.5 (18625)	21.79	21.80	20.76	18.73
10MHz	1RB-High (49)	1905 (19150)	21.88	22.31	22.23	18.81
		1880 (18900)	21.78	22.14	22.02	18.72
		1855 (18650)	21.84	22.18	22.03	18.77
	1RB-Middle (24)	1905 (19150)	21.87	22.22	22.03	18.80
		1880 (18900)	21.82	21.98	22.03	18.75
		1855 (18650)	21.73	22.13	21.91	18.68
	1RB-Low (0)	1905 (19150)	21.88	22.15	22.12	18.81
		1880 (18900)	21.84	22.09	22.04	18.77
		1855 (18650)	21.81	22.07	21.98	18.75
	25RB-High (25)	1905 (19150)	21.95	21.95	20.88	18.87
		1880 (18900)	21.79	21.85	20.78	18.73
		1855 (18650)	21.79	21.82	20.77	18.73
	25RB-Middle (12)	1905 (19150)	21.91	21.92	20.88	18.83
		1880 (18900)	21.82	21.83	20.81	18.75

		1855 (18650)	21.80	21.82	20.78	18.74
	25RB-Low (0)	1905 (19150)	21.93	21.95	20.89	18.85
		1880 (18900)	21.81	21.83	20.81	18.75
		1855 (18650)	21.74	21.79	20.75	18.69
	50RB (0)	1905 (19150)	21.91	21.94	20.90	18.83
		1880 (18900)	21.78	21.81	20.80	18.72
		1855 (18650)	21.79	21.79	20.76	18.73
15MHz	1RB-High (74)	1902.5 (19125)	21.93	22.23	22.15	18.85
		1880 (18900)	21.80	22.05	21.96	18.74
		1857.5 (18675)	21.77	22.03	21.90	18.71
	1RB-Middle (37)	1902.5 (19125)	21.92	22.23	22.06	18.84
		1880 (18900)	21.86	22.17	22.02	18.79
		1857.5 (18675)	21.83	22.16	22.05	18.76
	1RB-Low (0)	1902.5 (19125)	21.85	22.15	22.00	18.78
		1880 (18900)	21.79	22.06	21.96	18.73
		1857.5 (18675)	21.79	22.05	21.98	18.73
	36RB-High (38)	1902.5 (19125)	21.94	21.89	20.91	18.86
		1880 (18900)	21.83	21.82	20.84	18.76
		1857.5 (18675)	21.82	21.80	20.82	18.75
	36RB-Middle (19)	1902.5 (19125)	21.87	21.87	20.86	18.80
		1880 (18900)	21.79	21.80	20.80	18.73
		1857.5 (18675)	21.80	21.80	20.82	18.74
	36RB-Low (0)	1902.5 (19125)	21.89	21.91	20.89	18.81
		1880 (18900)	21.83	21.84	20.82	18.76
		1857.5 (18675)	21.78	21.77	20.79	18.72
	75RB (0)	1902.5 (19125)	21.88	21.91	20.89	18.81
		1880 (18900)	21.81	21.82	20.79	18.75
		1857.5 (18675)	21.80	21.84	20.79	18.74
20MHz	1RB-High (99)	1900 (19100)	22.01	22.18	22.10	18.92
		1880 (18900)	21.87	22.12	22.07	18.80
		1860 (18700)	21.78	22.11	21.98	18.72
	1RB-Middle (50)	1900 (19100)	21.86	22.18	21.99	18.79
		1880 (18900)	22.02	22.09	21.99	18.83
		1860 (18700)	21.76	22.09	21.99	18.70
	1RB-Low (0)	1900 (19100)	21.86	21.99	22.08	18.79

		1880 (18900)	21.76	22.19	22.02	18.70
		1860 (18700)	21.80	22.08	21.92	18.74
	50RB-High (50)	1900 (19100)	21.91	21.89	20.92	18.83
		1880 (18900)	21.92	21.87	20.85	18.76
		1860 (18700)	21.82	21.81	20.81	18.75
	50RB-Middle (25)	1900 (19100)	21.90	21.90	20.91	18.82
		1880 (18900)	21.85	21.85	20.82	18.78
		1860 (18700)	21.84	21.84	20.84	18.77
	50RB-Low (0)	1900 (19100)	21.87	21.86	20.85	18.80
		1880 (18900)	21.82	21.84	20.82	18.75
		1860 (18700)	21.85	21.82	20.83	18.78
	100RB (0)	1900 (19100)	21.86	21.88	20.88	18.79
		1880 (18900)	21.84	21.88	20.86	18.77
		1860 (18700)	21.81	21.79	20.84	18.75

LTEB2- ANT2 DSI2

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	22.98	23.16	22.16	18.93
		1880 (18900)	22.88	22.94	22.00	18.85
		1850.7 (18607)	22.75	22.96	21.85	18.74
	1RB-Middle (3)	1909.3 (19193)	22.87	23.14	22.04	18.84
		1880 (18900)	22.93	23.12	21.90	18.89
		1850.7 (18607)	22.66	22.78	21.83	18.67
	1RB-Low (0)	1909.3 (19193)	22.96	23.17	22.07	18.92
		1880 (18900)	22.82	22.92	22.06	18.80
		1850.7 (18607)	22.77	22.99	21.87	18.76
	3RB-High (3)	1909.3 (19193)	23.00	23.01	21.99	18.95
		1880 (18900)	22.81	22.69	21.82	18.79
		1850.7 (18607)	22.67	22.74	21.79	18.68
	3RB-Middle (1)	1909.3 (19193)	22.94	22.87	22.04	18.90
		1880 (18900)	22.81	22.93	21.86	18.79
		1850.7 (18607)	22.74	22.65	21.78	18.73
	3RB-Low (0)	1909.3 (19193)	22.96	22.82	21.96	18.92
		1880 (18900)	22.83	22.74	21.77	18.81

		1850.7 (18607)	22.72	22.72	21.77	18.72
	6RB (0)	1909.3 (19193)	22.98	22.08	20.97	18.93
		1880 (18900)	22.84	21.94	20.76	18.82
		1850.7 (18607)	22.76	21.80	20.67	18.75
3MHz	1RB-High (14)	1908.5 (19185)	22.99	23.29	22.20	18.94
		1880 (18900)	22.78	22.96	21.97	18.77
		1851.5 (18615)	22.67	22.91	21.89	18.68
	1RB-Middle (7)	1908.5 (19185)	22.88	23.16	22.01	18.85
		1880 (18900)	22.69	23.10	21.97	18.69
		1851.5 (18615)	22.75	22.83	21.95	18.74
	1RB-Low (0)	1908.5 (19185)	22.91	23.05	22.09	18.87
		1880 (18900)	22.77	23.14	21.99	18.76
		1851.5 (18615)	22.73	22.93	21.91	18.73
	8RB-High (7)	1908.5 (19185)	22.96	22.01	21.00	18.92
		1880 (18900)	22.78	21.85	20.84	18.77
		1851.5 (18615)	22.76	21.78	20.75	18.75
	8RB-Middle (4)	1908.5 (19185)	22.92	21.98	21.02	18.88
		1880 (18900)	22.78	21.82	20.80	18.77
		1851.5 (18615)	22.73	21.81	20.68	18.73
	8RB-Low (0)	1908.5 (19185)	22.92	22.01	20.99	18.88
		1880 (18900)	22.77	21.86	20.82	18.76
		1851.5 (18615)	22.76	21.81	20.71	18.75
	15RB (0)	1908.5 (19185)	22.94	22.01	20.91	18.90
		1880 (18900)	22.78	21.79	20.72	18.77
		1851.5 (18615)	22.73	21.80	20.72	18.73
5MHz	1RB-High (24)	1907.5 (19175)	23.07	23.27	22.17	19.01
		1880 (18900)	22.84	23.06	22.03	18.82
		1852.5 (18625)	22.76	23.06	21.95	18.75
	1RB-Middle (12)	1907.5 (19175)	23.05	23.20	22.14	18.99
		1880 (18900)	22.87	23.23	22.00	18.84
		1852.5 (18625)	22.75	23.02	21.94	18.74
	1RB-Low (0)	1907.5 (19175)	22.85	23.13	21.97	18.82
		1880 (18900)	22.86	23.05	21.97	18.83
		1852.5 (18625)	22.86	23.06	21.98	18.83
	12RB-High (13)	1907.5 (19175)	22.95	21.94	21.00	18.91

		1880 (18900)	22.88	21.80	20.83	18.85
		1852.5 (18625)	22.86	21.84	20.79	18.83
	12RB-Middle (6)	1907.5 (19175)	23.00	21.91	20.98	18.95
		1880 (18900)	22.83	21.87	20.82	18.81
		1852.5 (18625)	22.80	21.84	20.79	18.78
	12RB-Low (0)	1907.5 (19175)	22.93	21.94	20.95	18.89
		1880 (18900)	22.87	21.89	20.87	18.84
		1852.5 (18625)	22.86	21.79	20.81	18.83
	25RB (0)	1907.5 (19175)	23.01	21.99	20.94	18.96
		1880 (18900)	22.86	21.86	20.79	18.83
		1852.5 (18625)	22.81	21.81	20.78	18.79
10MHz	1RB-High (49)	1905 (19150)	23.04	23.20	22.22	18.98
		1880 (18900)	22.83	23.05	21.96	18.81
		1855 (18650)	22.85	23.10	22.04	18.82
	1RB-Middle (24)	1905 (19150)	22.85	23.06	22.06	18.82
		1880 (18900)	22.87	23.04	22.01	18.84
		1855 (18650)	22.73	22.88	21.98	18.73
	1RB-Low (0)	1905 (19150)	22.95	23.23	22.07	18.91
		1880 (18900)	22.85	23.17	21.98	18.82
		1855 (18650)	22.77	23.12	22.06	18.76
	25RB-High (25)	1905 (19150)	22.96	21.94	20.92	18.92
		1880 (18900)	22.85	21.83	20.78	18.82
		1855 (18650)	22.80	21.82	20.77	18.78
	25RB-Middle (12)	1905 (19150)	22.89	21.89	20.88	18.86
		1880 (18900)	22.83	21.83	20.79	18.81
		1855 (18650)	22.81	21.83	20.78	18.79
	25RB-Low (0)	1905 (19150)	22.94	21.94	20.90	18.90
		1880 (18900)	22.84	21.87	20.82	18.82
		1855 (18650)	22.75	21.78	20.73	18.74
	50RB (0)	1905 (19150)	22.90	21.93	20.91	18.87
		1880 (18900)	22.80	21.83	20.79	18.78
		1855 (18650)	22.79	21.80	20.77	18.78
15MHz	1RB-High (74)	1902.5 (19125)	23.00	23.08	22.09	18.95
		1880 (18900)	22.79	23.10	21.98	18.78
		1857.5 (18675)	22.84	22.94	22.01	18.82

	1RB-Middle (37)	1902.5 (19125)	22.95	23.13	22.10	18.91
		1880 (18900)	22.88	23.21	22.08	18.85
		1857.5 (18675)	22.86	23.09	21.97	18.83
	1RB-Low (0)	1902.5 (19125)	22.83	23.13	22.07	18.81
		1880 (18900)	22.82	23.00	22.00	18.80
		1857.5 (18675)	22.82	23.07	22.03	18.80
	36RB-High (38)	1902.5 (19125)	22.95	21.90	20.94	18.91
		1880 (18900)	22.86	21.79	20.82	18.83
		1857.5 (18675)	22.83	21.81	20.81	18.81
	36RB-Middle (19)	1902.5 (19125)	22.90	21.87	20.85	18.87
		1880 (18900)	22.84	21.79	20.79	18.82
		1857.5 (18675)	22.83	21.82	20.80	18.81
	36RB-Low (0)	1902.5 (19125)	22.91	21.92	20.87	18.87
		1880 (18900)	22.84	21.83	20.81	18.82
		1857.5 (18675)	22.81	21.81	20.80	18.79
	75RB (0)	1902.5 (19125)	22.91	21.92	20.90	18.87
		1880 (18900)	22.84	21.82	20.80	18.82
		1857.5 (18675)	22.81	21.83	20.75	18.79
20MHz	1RB-High (99)	1900 (19100)	22.95	23.21	22.17	18.91
		1880 (18900)	22.85	23.19	22.05	18.82
		1860 (18700)	22.79	22.92	22.00	18.78
	1RB-Middle (50)	1900 (19100)	22.94	23.21	22.05	18.90
		1880 (18900)	22.96	23.08	22.00	18.83
		1860 (18700)	22.84	23.04	21.93	18.82
	1RB-Low (0)	1900 (19100)	22.84	23.14	22.00	18.82
		1880 (18900)	22.80	23.03	21.93	18.78
		1860 (18700)	22.80	23.08	21.97	18.78
	50RB-High (50)	1900 (19100)	22.93	21.95	20.96	18.89
		1880 (18900)	22.86	21.85	20.80	18.83
		1860 (18700)	22.82	21.84	20.84	18.80
	50RB-Middle (25)	1900 (19100)	22.92	21.95	20.95	18.88
		1880 (18900)	22.94	21.88	20.84	18.82
		1860 (18700)	22.86	21.85	20.84	18.83
	50RB-Low (0)	1900 (19100)	22.90	21.88	20.87	18.87
		1880 (18900)	22.86	21.83	20.80	18.83
		1860 (18700)	22.86	21.86	20.81	18.83

	100RB (0)	1900 (19100)	22.87	21.90	20.89	18.84
		1880 (18900)	22.84	21.86	20.83	18.82
		1860 (18700)	22.82	21.85	20.83	18.80

LTEB2- ANT1 DSI3

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	23.84	22.85	21.77	18.56
		1880 (18900)	23.79	22.77	21.76	18.65
		1850.7 (18607)	23.81	22.79	21.82	18.67
	1RB-Middle (3)	1909.3 (19193)	23.83	22.60	21.84	18.73
		1880 (18900)	23.76	22.79	21.73	18.72
		1850.7 (18607)	23.76	22.63	21.78	18.80
	1RB-Low (0)	1909.3 (19193)	23.77	22.85	21.78	18.85
		1880 (18900)	23.74	22.61	21.82	18.57
		1850.7 (18607)	23.74	22.65	21.69	18.84
	3RB-High (3)	1909.3 (19193)	22.62	21.75	20.74	18.60
		1880 (18900)	22.72	21.81	20.82	18.56
		1850.7 (18607)	22.81	21.73	20.81	18.69
	3RB-Middle (1)	1909.3 (19193)	22.64	21.68	20.68	18.73
		1880 (18900)	22.60	21.82	20.77	18.67
		1850.7 (18607)	22.75	21.80	20.73	18.58
	3RB-Low (0)	1909.3 (19193)	22.71	21.71	20.69	18.85
		1880 (18900)	22.69	21.73	20.68	18.66
		1850.7 (18607)	22.76	21.80	20.81	18.75
	6RB (0)	1909.3 (19193)	22.61	21.75	20.75	18.61
		1880 (18900)	22.74	21.73	20.78	18.55
		1850.7 (18607)	22.61	21.72	20.69	18.77
3MHz	1RB-High (14)	1908.5 (19185)	23.79	22.76	21.82	18.67
		1880 (18900)	23.74	22.77	21.68	18.76
		1851.5 (18615)	23.81	22.76	21.81	18.83
	1RB-Middle (7)	1908.5 (19185)	23.72	22.82	21.79	18.68
		1880 (18900)	23.81	22.85	21.72	18.71
		1851.5 (18615)	23.66	22.61	21.77	18.58

	1RB-Low (0)	1908.5 (19185)	23.77	22.67	21.71	18.66
		1880 (18900)	23.71	22.75	21.71	18.55
		1851.5 (18615)	23.75	22.75	21.78	18.63
	8RB-High (7)	1908.5 (19185)	22.69	21.82	20.73	18.64
		1880 (18900)	22.80	21.81	20.85	18.55
		1851.5 (18615)	22.72	21.79	20.79	18.55
	8RB-Middle (4)	1908.5 (19185)	22.80	21.79	20.69	18.65
		1880 (18900)	22.60	21.78	20.83	18.77
		1851.5 (18615)	22.78	21.82	20.67	18.68
	8RB-Low (0)	1908.5 (19185)	22.70	21.79	20.66	18.61
		1880 (18900)	22.79	21.85	20.84	18.70
		1851.5 (18615)	22.61	21.81	20.66	18.68
	15RB (0)	1908.5 (19185)	22.65	21.70	20.80	18.82
		1880 (18900)	22.59	21.84	20.80	18.68
		1851.5 (18615)	22.85	21.77	20.79	18.66
5MHz	1RB-High (24)	1907.5 (19175)	23.79	22.74	21.84	18.85
		1880 (18900)	23.72	22.67	21.77	18.76
		1852.5 (18625)	23.78	22.81	21.72	18.63
	1RB-Middle (12)	1907.5 (19175)	23.79	22.79	21.74	18.76
		1880 (18900)	23.71	22.76	21.85	18.79
		1852.5 (18625)	23.66	22.62	21.84	18.65
	1RB-Low (0)	1907.5 (19175)	23.80	22.74	21.76	18.76
		1880 (18900)	23.81	22.58	21.81	18.78
		1852.5 (18625)	23.74	22.72	21.68	18.69
	12RB-High (13)	1907.5 (19175)	22.80	21.75	20.77	18.83
		1880 (18900)	22.71	21.85	20.72	18.73
		1852.5 (18625)	22.59	21.69	20.85	18.55
	12RB-Middle (6)	1907.5 (19175)	22.66	21.73	20.65	18.72
		1880 (18900)	22.66	21.74	20.85	18.72
		1852.5 (18625)	22.74	21.79	20.68	18.61
	12RB-Low (0)	1907.5 (19175)	22.65	21.82	20.69	18.71
		1880 (18900)	22.69	21.72	20.67	18.60
		1852.5 (18625)	22.61	21.83	20.66	18.69
	25RB (0)	1907.5 (19175)	22.83	21.82	20.83	18.56
		1880 (18900)	22.63	21.74	20.80	18.60
		1852.5 (18625)	22.82	21.73	20.65	18.80

10MHz	1RB-High (49)	1905 (19150)	23.67	22.85	21.78	18.79
		1880 (18900)	23.66	22.72	21.83	18.60
		1855 (18650)	23.72	22.73	21.73	18.56
	1RB-Middle (24)	1905 (19150)	23.75	22.68	21.69	18.63
		1880 (18900)	23.83	22.59	21.85	18.69
		1855 (18650)	23.76	22.82	21.77	18.61
	1RB-Low (0)	1905 (19150)	23.73	22.67	21.80	18.74
		1880 (18900)	23.83	22.75	21.74	18.63
		1855 (18650)	23.84	22.82	21.80	18.83
	25RB-High (25)	1905 (19150)	22.85	21.85	20.85	18.57
		1880 (18900)	22.64	21.81	20.78	18.80
		1855 (18650)	22.71	21.80	20.65	18.59
	25RB-Middle (12)	1905 (19150)	22.58	21.73	20.72	18.60
		1880 (18900)	22.79	21.75	20.85	18.62
		1855 (18650)	22.70	21.79	20.69	18.58
	25RB-Low (0)	1905 (19150)	22.81	21.83	20.66	18.66
		1880 (18900)	22.75	21.79	20.84	18.56
		1855 (18650)	22.80	21.77	20.69	18.78
	50RB (0)	1905 (19150)	22.60	21.85	20.77	18.57
		1880 (18900)	22.63	21.80	20.72	18.80
		1855 (18650)	22.68	21.82	20.72	18.79
15MHz	1RB-High (74)	1902.5 (19125)	23.71	22.79	21.80	18.62
		1880 (18900)	23.74	22.70	21.83	18.83
		1857.5 (18675)	23.82	22.69	21.77	18.82
	1RB-Middle (37)	1902.5 (19125)	23.70	22.72	21.79	18.55
		1880 (18900)	23.66	22.66	21.77	18.64
		1857.5 (18675)	23.73	22.62	21.79	18.63
	1RB-Low (0)	1902.5 (19125)	23.74	22.68	21.72	18.63
		1880 (18900)	23.67	22.74	21.79	18.71
		1857.5 (18675)	23.68	22.82	21.82	18.64
	36RB-High (38)	1902.5 (19125)	22.71	21.76	20.78	18.59
		1880 (18900)	22.64	21.71	20.72	18.71
		1857.5 (18675)	22.84	21.85	20.68	18.69
	36RB-Middle (19)	1902.5 (19125)	22.69	21.77	20.83	18.58
		1880 (18900)	22.77	21.76	20.78	18.81

		1857.5 (18675)	22.82	21.84	20.72	18.76
	36RB-Low (0)	1902.5 (19125)	22.77	21.75	20.67	18.80
		1880 (18900)	22.77	21.84	20.78	18.69
		1857.5 (18675)	22.59	21.80	20.65	18.84
	75RB (0)	1902.5 (19125)	22.84	21.72	20.65	18.63
		1880 (18900)	22.74	21.85	20.70	18.78
		1857.5 (18675)	22.77	21.73	20.85	18.72
20MHz	1RB-High (99)	1900 (19100)	23.70	22.60	21.83	18.64
		1880 (18900)	23.77	22.62	21.68	18.59
		1860 (18700)	23.76	22.81	21.82	18.60
	1RB-Middle (50)	1900 (19100)	23.74	22.69	21.85	18.73
		1880 (18900)	23.88	22.62	21.80	18.59
		1860 (18700)	23.66	22.76	21.82	18.62
	1RB-Low (0)	1900 (19100)	23.84	22.85	21.77	18.75
		1880 (18900)	23.75	22.69	21.80	18.60
		1860 (18700)	23.85	22.85	21.72	18.64
	50RB-High (50)	1900 (19100)	22.58	21.72	20.84	18.80
		1880 (18900)	22.64	21.73	20.65	18.59
		1860 (18700)	22.84	21.80	20.67	18.63
	50RB-Middle (25)	1900 (19100)	22.84	21.68	20.84	18.84
		1880 (18900)	22.60	21.82	20.70	18.84
		1860 (18700)	22.84	21.76	20.80	18.78
	50RB-Low (0)	1900 (19100)	22.70	21.72	20.76	18.69
		1880 (18900)	22.85	21.78	20.72	18.55
		1860 (18700)	22.65	21.82	20.79	18.56
	100RB (0)	1900 (19100)	22.81	21.75	20.68	18.61
		1880 (18900)	22.83	21.68	20.72	18.57
		1860 (18700)	22.66	21.80	20.65	18.71

LTEB2- ANT1 DSI4

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	17.61	17.60	17.71	17.77
		1880 (18900)	17.75	17.69	17.58	17.79

		1850.7 (18607)	17.60	17.70	17.62	17.59
	1RB-Middle (3)	1909.3 (19193)	17.58	17.72	17.76	17.63
		1880 (18900)	17.74	17.63	17.75	17.64
		1850.7 (18607)	17.73	17.65	17.73	17.77
	1RB-Low (0)	1909.3 (19193)	17.65	17.78	17.62	17.58
		1880 (18900)	17.71	17.73	17.58	17.60
		1850.7 (18607)	17.77	17.61	17.64	17.72
	3RB-High (3)	1909.3 (19193)	17.61	17.67	17.78	17.67
		1880 (18900)	17.71	17.72	17.79	17.61
		1850.7 (18607)	17.74	17.76	17.58	17.68
	3RB-Middle (1)	1909.3 (19193)	17.60	17.60	17.71	17.61
		1880 (18900)	17.80	17.64	17.76	17.76
		1850.7 (18607)	17.74	17.80	17.68	17.74
	3RB-Low (0)	1909.3 (19193)	17.66	17.65	17.59	17.76
		1880 (18900)	17.67	17.72	17.66	17.71
		1850.7 (18607)	17.65	17.59	17.67	17.79
	6RB (0)	1909.3 (19193)	17.58	17.71	17.58	17.59
		1880 (18900)	17.69	17.79	17.61	17.65
		1850.7 (18607)	17.69	17.80	17.60	17.72
3MHz	1RB-High (14)	1908.5 (19185)	17.78	17.69	17.73	17.66
		1880 (18900)	17.70	17.59	17.63	17.64
		1851.5 (18615)	17.69	17.77	17.67	17.64
	1RB-Middle (7)	1908.5 (19185)	17.73	17.68	17.63	17.63
		1880 (18900)	17.65	17.70	17.62	17.61
		1851.5 (18615)	17.66	17.62	17.64	17.74
	1RB-Low (0)	1908.5 (19185)	17.68	17.64	17.58	17.80
		1880 (18900)	17.78	17.79	17.75	17.71
		1851.5 (18615)	17.58	17.73	17.71	17.67
	8RB-High (7)	1908.5 (19185)	17.67	17.60	17.59	17.72
		1880 (18900)	17.76	17.69	17.76	17.61
		1851.5 (18615)	17.62	17.73	17.62	17.71
	8RB-Middle (4)	1908.5 (19185)	17.76	17.70	17.77	17.70
		1880 (18900)	17.69	17.63	17.79	17.72
		1851.5 (18615)	17.74	17.78	17.69	17.62
	8RB-Low (0)	1908.5 (19185)	17.75	17.80	17.68	17.69
		1880 (18900)	17.75	17.66	17.65	17.69

		1851.5 (18615)	17.68	17.61	17.62	17.67
	15RB (0)	1908.5 (19185)	17.63	17.60	17.62	17.70
		1880 (18900)	17.75	17.75	17.77	17.73
		1851.5 (18615)	17.72	17.67	17.68	17.72
5MHz	1RB-High (24)	1907.5 (19175)	17.66	17.66	17.78	17.62
		1880 (18900)	17.80	17.78	17.72	17.61
		1852.5 (18625)	17.72	17.78	17.75	17.71
	1RB-Middle (12)	1907.5 (19175)	17.58	17.71	17.73	17.60
		1880 (18900)	17.60	17.65	17.71	17.77
		1852.5 (18625)	17.72	17.61	17.80	17.73
	1RB-Low (0)	1907.5 (19175)	17.74	17.70	17.66	17.67
		1880 (18900)	17.69	17.70	17.73	17.76
		1852.5 (18625)	17.78	17.60	17.63	17.62
	12RB-High (13)	1907.5 (19175)	17.59	17.66	17.66	17.74
		1880 (18900)	17.60	17.68	17.60	17.78
		1852.5 (18625)	17.60	17.60	17.71	17.79
	12RB-Middle (6)	1907.5 (19175)	17.69	17.64	17.69	17.66
		1880 (18900)	17.79	17.63	17.75	17.80
		1852.5 (18625)	17.68	17.61	17.61	17.67
	12RB-Low (0)	1907.5 (19175)	17.61	17.74	17.61	17.80
		1880 (18900)	17.70	17.75	17.67	17.59
		1852.5 (18625)	17.60	17.78	17.63	17.74
	25RB (0)	1907.5 (19175)	17.69	17.61	17.68	17.60
		1880 (18900)	17.67	17.70	17.71	17.68
		1852.5 (18625)	17.79	17.59	17.79	17.73
10MHz	1RB-High (49)	1905 (19150)	17.80	17.76	17.76	17.64
		1880 (18900)	17.59	17.76	17.70	17.80
		1855 (18650)	17.59	17.68	17.58	17.60
	1RB-Middle (24)	1905 (19150)	17.72	17.75	17.73	17.68
		1880 (18900)	17.65	17.71	17.62	17.75
		1855 (18650)	17.64	17.78	17.67	17.63
	1RB-Low (0)	1905 (19150)	17.61	17.58	17.71	17.64
		1880 (18900)	17.63	17.77	17.58	17.75
		1855 (18650)	17.70	17.60	17.75	17.75
	25RB-High (25)	1905 (19150)	17.67	17.65	17.58	17.60

		1880 (18900)	17.75	17.79	17.67	17.77
		1855 (18650)	17.79	17.68	17.75	17.80
	25RB-Middle (12)	1905 (19150)	17.68	17.68	17.77	17.62
		1880 (18900)	17.62	17.63	17.61	17.74
		1855 (18650)	17.74	17.79	17.66	17.70
	25RB-Low (0)	1905 (19150)	17.60	17.71	17.68	17.80
		1880 (18900)	17.64	17.75	17.75	17.62
		1855 (18650)	17.80	17.69	17.66	17.70
	50RB (0)	1905 (19150)	17.68	17.77	17.78	17.68
		1880 (18900)	17.79	17.76	17.68	17.64
		1855 (18650)	17.66	17.61	17.79	17.61
15MHz	1RB-High (74)	1902.5 (19125)	17.73	17.76	17.77	17.58
		1880 (18900)	17.72	17.75	17.58	17.78
		1857.5 (18675)	17.80	17.68	17.61	17.64
	1RB-Middle (37)	1902.5 (19125)	17.80	17.79	17.63	17.71
		1880 (18900)	17.61	17.59	17.58	17.80
		1857.5 (18675)	17.66	17.75	17.74	17.67
	1RB-Low (0)	1902.5 (19125)	17.72	17.79	17.71	17.58
		1880 (18900)	17.76	17.72	17.59	17.61
		1857.5 (18675)	17.70	17.64	17.74	17.59
	36RB-High (38)	1902.5 (19125)	17.60	17.71	17.77	17.60
		1880 (18900)	17.60	17.69	17.67	17.68
		1857.5 (18675)	17.76	17.61	17.68	17.71
	36RB-Middle (19)	1902.5 (19125)	17.60	17.70	17.74	17.61
		1880 (18900)	17.63	17.68	17.64	17.68
		1857.5 (18675)	17.80	17.59	17.65	17.63
	36RB-Low (0)	1902.5 (19125)	17.78	17.77	17.78	17.64
		1880 (18900)	17.62	17.79	17.80	17.70
		1857.5 (18675)	17.76	17.70	17.63	17.58
	75RB (0)	1902.5 (19125)	17.60	17.74	17.62	17.61
		1880 (18900)	17.72	17.59	17.72	17.75
		1857.5 (18675)	17.79	17.69	17.70	17.79
20MHz	1RB-High (99)	1900 (19100)	17.64	17.79	17.59	17.62
		1880 (18900)	17.69	17.69	17.60	17.70
		1860 (18700)	17.79	17.59	17.71	17.59

	1RB-Middle (50)	1900 (19100)	17.72	17.60	17.69	17.58
		1880 (18900)	17.81	17.71	17.77	17.63
		1860 (18700)	17.79	17.78	17.73	17.61
	1RB-Low (0)	1900 (19100)	17.77	17.68	17.68	17.60
		1880 (18900)	17.74	17.71	17.69	17.74
		1860 (18700)	17.61	17.58	17.75	17.60
	50RB-High (50)	1900 (19100)	17.72	17.79	17.62	17.70
		1880 (18900)	17.78	17.67	17.72	17.67
		1860 (18700)	17.74	17.66	17.76	17.67
	50RB-Middle (25)	1900 (19100)	17.73	17.73	17.65	17.79
		1880 (18900)	17.63	17.65	17.78	17.76
		1860 (18700)	17.59	17.70	17.78	17.69
	50RB-Low (0)	1900 (19100)	17.58	17.77	17.72	17.68
		1880 (18900)	17.61	17.71	17.79	17.60
		1860 (18700)	17.62	17.63	17.71	17.77
	100RB (0)	1900 (19100)	17.80	17.61	17.59	17.64
		1880 (18900)	17.77	17.75	17.73	17.75
		1860 (18700)	17.59	17.66	17.64	17.76

LTEB2- ANT1 DSI5

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	19.74	19.79	19.65	18.70
		1880 (18900)	19.74	19.72	19.67	18.78
		1850.7 (18607)	19.69	19.72	19.73	18.67
	1RB-Middle (3)	1909.3 (19193)	19.73	19.72	19.72	18.78
		1880 (18900)	19.75	19.66	19.80	18.78
		1850.7 (18607)	19.79	19.75	19.79	18.77
	1RB-Low (0)	1909.3 (19193)	19.80	19.75	19.77	18.71
		1880 (18900)	19.78	19.70	19.75	18.71
		1850.7 (18607)	19.70	19.66	19.67	18.76
	3RB-High (3)	1909.3 (19193)	19.68	19.65	19.67	18.66
		1880 (18900)	19.73	19.70	19.72	18.70
		1850.7 (18607)	19.77	19.75	19.72	18.74
	3RB-Middle (1)	1909.3 (19193)	19.69	19.80	19.77	18.72

		1880 (18900)	19.67	19.78	19.78	18.65
		1850.7 (18607)	19.66	19.73	19.71	18.76
	3RB-Low (0)	1909.3 (19193)	19.78	19.78	19.73	18.80
		1880 (18900)	19.67	19.68	19.73	18.72
		1850.7 (18607)	19.69	19.69	19.71	18.78
	6RB (0)	1909.3 (19193)	19.71	19.67	19.67	18.73
		1880 (18900)	19.66	19.69	19.69	18.74
		1850.7 (18607)	19.66	19.69	19.71	18.73
3MHz	1RB-High (14)	1908.5 (19185)	19.66	19.70	19.74	18.68
		1880 (18900)	19.67	19.72	19.69	18.72
		1851.5 (18615)	19.69	19.79	19.78	18.65
	1RB-Middle (7)	1908.5 (19185)	19.70	19.72	19.75	18.67
		1880 (18900)	19.80	19.67	19.71	18.79
		1851.5 (18615)	19.72	19.71	19.70	18.76
	1RB-Low (0)	1908.5 (19185)	19.74	19.80	19.79	18.77
		1880 (18900)	19.73	19.79	19.70	18.65
		1851.5 (18615)	19.74	19.75	19.71	18.79
	8RB-High (7)	1908.5 (19185)	19.66	19.76	19.72	18.75
		1880 (18900)	19.71	19.70	19.77	18.71
		1851.5 (18615)	19.69	19.79	19.65	18.80
	8RB-Middle (4)	1908.5 (19185)	19.65	19.66	19.79	18.73
		1880 (18900)	19.66	19.78	19.80	18.80
		1851.5 (18615)	19.76	19.80	19.77	18.74
	8RB-Low (0)	1908.5 (19185)	19.76	19.75	19.73	18.75
		1880 (18900)	19.79	19.73	19.65	18.65
		1851.5 (18615)	19.67	19.69	19.73	18.72
	15RB (0)	1908.5 (19185)	19.69	19.77	19.71	18.65
		1880 (18900)	19.75	19.77	19.71	18.72
		1851.5 (18615)	19.70	19.70	19.78	18.73
5MHz	1RB-High (24)	1907.5 (19175)	19.79	19.68	19.72	18.66
		1880 (18900)	19.71	19.74	19.67	18.79
		1852.5 (18625)	19.76	19.74	19.72	18.79
	1RB-Middle (12)	1907.5 (19175)	19.76	19.73	19.73	18.75
		1880 (18900)	19.72	19.76	19.66	18.69
		1852.5 (18625)	19.72	19.72	19.77	18.69

	1RB-Low (0)	1907.5 (19175)	19.70	19.67	19.75	18.74
		1880 (18900)	19.67	19.76	19.76	18.76
		1852.5 (18625)	19.69	19.79	19.68	18.79
	12RB-High (13)	1907.5 (19175)	19.72	19.77	19.66	18.78
		1880 (18900)	19.65	19.78	19.78	18.69
		1852.5 (18625)	19.69	19.78	19.69	18.77
	12RB-Middle (6)	1907.5 (19175)	19.71	19.76	19.67	18.67
		1880 (18900)	19.74	19.67	19.74	18.72
		1852.5 (18625)	19.75	19.80	19.71	18.74
	12RB-Low (0)	1907.5 (19175)	19.77	19.72	19.78	18.72
		1880 (18900)	19.66	19.67	19.74	18.70
		1852.5 (18625)	19.68	19.70	19.68	18.68
	25RB (0)	1907.5 (19175)	19.65	19.69	19.65	18.77
		1880 (18900)	19.78	19.67	19.77	18.66
		1852.5 (18625)	19.76	19.70	19.71	18.80
10MHz	1RB-High (49)	1905 (19150)	19.78	19.80	19.73	18.66
		1880 (18900)	19.73	19.74	19.69	18.73
		1855 (18650)	19.71	19.71	19.71	18.70
	1RB-Middle (24)	1905 (19150)	19.70	19.65	19.73	18.79
		1880 (18900)	19.70	19.76	19.76	18.65
		1855 (18650)	19.75	19.78	19.75	18.80
	1RB-Low (0)	1905 (19150)	19.72	19.78	19.80	18.69
		1880 (18900)	19.74	19.68	19.72	18.68
		1855 (18650)	19.67	19.79	19.70	18.67
	25RB-High (25)	1905 (19150)	19.76	19.66	19.68	18.75
		1880 (18900)	19.71	19.73	19.77	18.66
		1855 (18650)	19.77	19.71	19.80	18.71
	25RB-Middle (12)	1905 (19150)	19.75	19.65	19.80	18.78
		1880 (18900)	19.74	19.78	19.79	18.66
		1855 (18650)	19.69	19.68	19.70	18.69
	25RB-Low (0)	1905 (19150)	19.78	19.77	19.71	18.70
		1880 (18900)	19.73	19.80	19.79	18.74
		1855 (18650)	19.65	19.65	19.76	18.70
	50RB (0)	1905 (19150)	19.73	19.65	19.72	18.65
		1880 (18900)	19.76	19.73	19.72	18.77
		1855 (18650)	19.67	19.77	19.72	18.80

15MHz	1RB-High (74)	1902.5 (19125)	19.65	19.70	19.78	18.68
		1880 (18900)	19.71	19.73	19.78	18.79
		1857.5 (18675)	19.69	19.66	19.77	18.67
	1RB-Middle (37)	1902.5 (19125)	19.80	19.74	19.80	18.67
		1880 (18900)	19.73	19.74	19.69	18.74
		1857.5 (18675)	19.67	19.74	19.80	18.77
	1RB-Low (0)	1902.5 (19125)	19.66	19.80	19.80	18.66
		1880 (18900)	19.70	19.77	19.75	18.76
		1857.5 (18675)	19.73	19.67	19.67	18.65
	36RB-High (38)	1902.5 (19125)	19.80	19.71	19.74	18.72
		1880 (18900)	19.74	19.67	19.79	18.66
		1857.5 (18675)	19.80	19.66	19.76	18.66
	36RB-Middle (19)	1902.5 (19125)	19.73	19.75	19.70	18.80
		1880 (18900)	19.79	19.65	19.73	18.78
		1857.5 (18675)	19.71	19.73	19.75	18.74
	36RB-Low (0)	1902.5 (19125)	19.71	19.71	19.67	18.68
		1880 (18900)	19.69	19.72	19.80	18.68
		1857.5 (18675)	19.70	19.65	19.72	18.71
	75RB (0)	1902.5 (19125)	19.75	19.76	19.72	18.65
		1880 (18900)	19.77	19.71	19.75	18.70
		1857.5 (18675)	19.73	19.76	19.66	18.78
20MHz	1RB-High (99)	1900 (19100)	19.74	19.70	19.65	18.72
		1880 (18900)	19.80	19.65	19.78	18.74
		1860 (18700)	19.66	19.71	19.65	18.76
	1RB-Middle (50)	1900 (19100)	19.65	19.66	19.65	18.67
		1880 (18900)	19.82	19.75	19.78	18.80
		1860 (18700)	19.79	19.68	19.67	18.79
	1RB-Low (0)	1900 (19100)	19.80	19.66	19.65	18.80
		1880 (18900)	19.80	19.74	19.67	18.71
		1860 (18700)	19.78	19.65	19.79	18.72
	50RB-High (50)	1900 (19100)	19.77	19.75	19.69	18.75
		1880 (18900)	19.71	19.67	19.79	18.78
		1860 (18700)	19.80	19.77	19.71	18.69
	50RB-Middle (25)	1900 (19100)	19.69	19.77	19.77	18.70
		1880 (18900)	19.81	19.74	19.76	18.78

		1860 (18700)	19.75	19.79	19.66	18.73
	50RB-Low (0)	1900 (19100)	19.67	19.80	19.69	18.65
		1880 (18900)	19.79	19.76	19.80	18.75
		1860 (18700)	19.71	19.66	19.69	18.77
	100RB (0)	1900 (19100)	19.66	19.67	19.74	18.79
		1880 (18900)	19.72	19.67	19.74	18.70
		1860 (18700)	19.72	19.79	19.66	18.67

LTEB4- ANT2 DSI0/3

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	20.22	20.37	20.26	18.28
		1732.5 (20175)	20.32	20.51	20.39	18.30
		1710.7 (19957)	20.46	20.63	20.46	18.92
	1RB-Middle (3)	1754.3 (20393)	20.28	20.62	20.43	18.43
		1732.5 (20175)	20.62	20.74	20.57	18.72
		1710.7 (19957)	20.55	20.71	20.49	19.00
	1RB-Low (0)	1754.3 (20393)	20.44	20.67	20.48	18.88
		1732.5 (20175)	20.49	20.73	20.44	18.56
		1710.7 (19957)	20.59	20.76	20.52	18.66
	3RB-High (3)	1754.3 (20393)	20.27	19.42	19.26	18.34
		1732.5 (20175)	20.39	19.58	19.40	18.73
		1710.7 (19957)	20.43	19.59	19.40	18.42
	3RB-Middle (1)	1754.3 (20393)	20.27	19.44	19.29	18.68
		1732.5 (20175)	20.52	19.58	19.36	18.61
		1710.7 (19957)	20.49	19.62	19.51	18.62
	3RB-Low (0)	1754.3 (20393)	20.27	19.46	19.27	18.49
		1732.5 (20175)	20.46	19.65	19.46	18.59
		1710.7 (19957)	20.46	19.66	19.50	18.44
	6RB (0)	1754.3 (20393)	20.28	19.48	19.31	18.34
		1732.5 (20175)	20.35	19.58	19.40	18.44
		1710.7 (19957)	20.47	19.61	19.48	18.74
3MHz	1RB-High (14)	1753.5 (20385)	20.15	20.36	20.30	18.42
		1732.5 (20175)	20.36	20.51	20.35	18.80

		1711.5 (19965)	20.45	20.68	20.50	18.44
	1RB-Middle (7)	1753.5 (20385)	20.24	20.61	20.41	18.35
		1732.5 (20175)	20.60	20.81	20.53	18.60
		1711.5 (19965)	20.51	20.67	20.51	18.73
	1RB-Low (0)	1753.5 (20385)	20.45	20.71	20.48	18.40
		1732.5 (20175)	20.45	20.80	20.47	18.90
		1711.5 (19965)	20.55	20.76	20.49	18.68
	8RB-High (7)	1753.5 (20385)	20.27	19.45	19.24	18.49
		1732.5 (20175)	20.44	19.59	19.40	18.54
		1711.5 (19965)	20.38	19.62	19.38	18.76
	8RB-Middle (4)	1753.5 (20385)	20.23	19.47	19.28	18.56
		1732.5 (20175)	20.55	19.55	19.35	18.52
		1711.5 (19965)	20.45	19.65	19.46	18.64
	8RB-Low (0)	1753.5 (20385)	20.31	19.47	19.30	18.39
		1732.5 (20175)	20.43	19.63	19.39	18.63
		1711.5 (19965)	20.48	19.59	19.52	18.75
	15RB (0)	1753.5 (20385)	20.29	19.42	19.29	18.57
		1732.5 (20175)	20.37	19.61	19.44	18.71
		1711.5 (19965)	20.41	19.61	19.43	18.75
5MHz	1RB-High (24)	1752.5 (20375)	20.19	20.36	20.25	18.25
		1732.5 (20175)	20.34	20.55	20.40	18.48
		1712.5 (19975)	20.46	20.64	20.52	18.57
	1RB-Middle (12)	1752.5 (20375)	20.27	20.60	20.44	18.45
		1732.5 (20175)	20.66	20.77	20.50	18.93
		1712.5 (19975)	20.49	20.71	20.48	18.60
	1RB-Low (0)	1752.5 (20375)	20.51	20.72	20.52	18.63
		1732.5 (20175)	20.50	20.77	20.50	18.49
		1712.5 (19975)	20.57	20.76	20.53	19.03
	12RB-High (13)	1752.5 (20375)	20.23	19.43	19.23	18.40
		1732.5 (20175)	20.41	19.54	19.38	18.55
		1712.5 (19975)	20.41	19.58	19.40	18.53
	12RB-Middle (6)	1752.5 (20375)	20.27	19.43	19.28	18.43
		1732.5 (20175)	20.53	19.57	19.35	18.70
		1712.5 (19975)	20.43	19.63	19.51	18.76
	12RB-Low (0)	1752.5 (20375)	20.27	19.46	19.34	18.21
		1732.5 (20175)	20.43	19.58	19.41	18.81

		1712.5 (19975)	20.47	19.65	19.50	18.79
	25RB (0)	1752.5 (20375)	20.26	19.42	19.26	18.69
		1732.5 (20175)	20.41	19.56	19.42	18.71
		1712.5 (19975)	20.46	19.64	19.47	18.44
10MHz	1RB-High (49)	1750 (20350)	20.18	20.38	20.25	18.53
		1732.5 (20175)	20.37	20.52	20.33	18.70
		1715 (20000)	20.46	20.64	20.49	18.58
	1RB-Middle (24)	1750 (20350)	20.23	20.54	20.42	18.46
		1732.5 (20175)	20.65	20.79	20.52	19.01
		1715 (20000)	20.50	20.70	20.43	18.62
	1RB-Low (0)	1750 (20350)	20.46	20.66	20.52	18.61
		1732.5 (20175)	20.43	20.79	20.48	18.65
		1715 (20000)	20.58	20.76	20.51	18.75
	25RB-High (25)	1750 (20350)	20.28	19.39	19.25	18.35
		1732.5 (20175)	20.43	19.53	19.39	18.43
		1715 (20000)	20.41	19.61	19.37	18.41
	25RB-Middle (12)	1750 (20350)	20.24	19.45	19.23	18.22
		1732.5 (20175)	20.52	19.56	19.40	18.81
		1715 (20000)	20.47	19.59	19.46	18.93
	25RB-Low (0)	1750 (20350)	20.28	19.48	19.28	18.35
		1732.5 (20175)	20.44	19.63	19.39	18.59
		1715 (20000)	20.48	19.65	19.48	18.62
	50RB (0)	1750 (20350)	20.27	19.46	19.29	18.55
		1732.5 (20175)	20.38	19.58	19.41	18.73
		1715 (20000)	20.41	19.61	19.51	18.46
15MHz	1RB-High (74)	1747.5 (20325)	20.14	20.40	20.27	18.29
		1732.5 (20175)	20.38	20.47	20.40	18.76
		1717.5 (20025)	20.44	20.66	20.49	18.63
	1RB-Middle (37)	1747.5 (20325)	20.25	20.60	20.38	18.21
		1732.5 (20175)	20.64	20.82	20.52	18.64
		1717.5 (20025)	20.53	20.69	20.50	18.76
	1RB-Low (0)	1747.5 (20325)	20.44	20.71	20.45	18.74
		1732.5 (20175)	20.44	20.75	20.49	18.48
		1717.5 (20025)	20.58	20.84	20.51	18.57
	36RB-High (38)	1747.5 (20325)	20.27	19.43	19.27	18.24

		1732.5 (20175)	20.38	19.57	19.37	18.40
		1717.5 (20025)	20.38	19.62	19.40	18.42
	36RB-Middle (19)	1747.5 (20325)	20.23	19.48	19.22	18.28
		1732.5 (20175)	20.53	19.60	19.35	18.53
		1717.5 (20025)	20.49	19.66	19.48	18.49
	36RB-Low (0)	1747.5 (20325)	20.27	19.47	19.35	18.30
		1732.5 (20175)	20.45	19.62	19.41	18.77
		1717.5 (20025)	20.50	19.67	19.44	18.69
	75RB (0)	1747.5 (20325)	20.23	19.42	19.26	18.51
		1732.5 (20175)	20.43	19.55	19.39	18.47
		1717.5 (20025)	20.45	19.65	19.43	18.86
20MHz	1RB-High (99)	1745 (20300)	20.23	20.43	20.31	18.43
		1732.5 (20175)	20.35	20.51	20.43	18.52
		1720 (20050)	20.37	20.59	20.52	18.67
	1RB-Middle (50)	1745 (20300)	20.50	20.46	20.40	18.73
		1732.5 (20175)	20.46	20.67	20.60	18.86
		1720 (20050)	20.46	20.57	20.53	18.53
	1RB-Low (0)	1745 (20300)	20.36	20.65	20.50	18.89
		1732.5 (20175)	20.42	20.67	20.48	18.79
		1720 (20050)	20.49	20.68	20.61	18.98
	50RB-High (50)	1745 (20300)	20.51	20.25	20.28	18.62
		1732.5 (20175)	20.38	20.38	20.39	18.83
		1720 (20050)	20.43	20.43	20.40	18.86
	50RB-Middle (25)	1745 (20300)	20.30	20.26	20.28	18.33
		1732.5 (20175)	20.42	20.42	20.42	18.63
		1720 (20050)	20.47	20.45	20.43	18.90
	50RB-Low (0)	1745 (20300)	20.30	20.31	20.31	18.35
		1732.5 (20175)	20.43	20.44	20.43	18.87
		1720 (20050)	20.50	20.48	20.46	19.01
	100RB (0)	1745 (20300)	20.29	20.27	20.31	18.31
		1732.5 (20175)	20.44	20.42	20.42	18.90
		1720 (20050)	20.43	20.45	20.44	18.50

LTEB4- ANT2 DSI1/4

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM

1.4MHz	1RB-High (5)	1754.3 (20393)	21.73	21.93	21.82	18.28
		1732.5 (20175)	21.84	22.09	21.96	18.30
		1710.7 (19957)	21.99	22.22	22.03	18.92
	1RB-Middle (3)	1754.3 (20393)	21.80	22.20	22.00	18.43
		1732.5 (20175)	22.16	22.34	22.15	18.72
		1710.7 (19957)	22.08	22.30	22.07	19.00
	1RB-Low (0)	1754.3 (20393)	21.97	22.26	22.05	18.88
		1732.5 (20175)	22.02	22.33	22.01	18.56
		1710.7 (19957)	22.13	22.35	22.10	18.66
	3RB-High (3)	1754.3 (20393)	21.78	20.91	20.74	18.34
		1732.5 (20175)	21.91	21.09	20.89	18.73
		1710.7 (19957)	21.95	21.10	20.88	18.42
	3RB-Middle (1)	1754.3 (20393)	21.78	20.94	20.78	18.68
		1732.5 (20175)	22.05	21.08	20.85	18.61
		1710.7 (19957)	22.02	21.13	21.00	18.62
	3RB-Low (0)	1754.3 (20393)	21.78	20.96	20.75	18.49
		1732.5 (20175)	21.99	21.16	20.95	18.59
		1710.7 (19957)	21.99	21.17	20.99	18.44
	6RB (0)	1754.3 (20393)	21.80	20.97	20.80	18.34
		1732.5 (20175)	21.87	21.09	20.88	18.44
		1710.7 (19957)	22.00	21.12	20.97	18.74
3MHz	1RB-High (14)	1753.5 (20385)	21.65	21.92	21.86	18.42
		1732.5 (20175)	21.88	22.09	21.91	18.80
		1711.5 (19965)	21.98	22.27	22.08	18.44
	1RB-Middle (7)	1753.5 (20385)	21.75	22.19	21.98	18.35
		1732.5 (20175)	22.14	22.41	22.11	18.60
		1711.5 (19965)	22.04	22.26	22.09	18.73
	1RB-Low (0)	1753.5 (20385)	21.98	22.30	22.05	18.40
		1732.5 (20175)	21.98	22.40	22.04	18.90
		1711.5 (19965)	22.08	22.35	22.06	18.68
	8RB-High (7)	1753.5 (20385)	21.78	20.95	20.72	18.49
		1732.5 (20175)	21.97	21.10	20.88	18.54
		1711.5 (19965)	21.90	21.13	20.87	18.76
	8RB-Middle (4)	1753.5 (20385)	21.74	20.97	20.77	18.56

		1732.5 (20175)	22.08	21.05	20.84	18.52
		1711.5 (19965)	21.98	21.16	20.95	18.64
	8RB-Low (0)	1753.5 (20385)	21.83	20.97	20.79	18.39
		1732.5 (20175)	21.95	21.14	20.88	18.63
		1711.5 (19965)	22.01	21.10	21.02	18.75
	15RB (0)	1753.5 (20385)	21.81	20.91	20.78	18.57
		1732.5 (20175)	21.89	21.12	20.93	18.71
		1711.5 (19965)	21.93	21.12	20.92	18.75
5MHz	1RB-High (24)	1752.5 (20375)	21.70	21.92	21.81	18.25
		1732.5 (20175)	21.85	22.12	21.97	18.48
		1712.5 (19975)	21.99	22.23	22.10	18.57
	1RB-Middle (12)	1752.5 (20375)	21.78	22.18	22.01	18.45
		1732.5 (20175)	22.21	22.36	22.08	18.93
		1712.5 (19975)	22.02	22.30	22.05	18.60
	1RB-Low (0)	1752.5 (20375)	22.04	22.32	22.10	18.63
		1732.5 (20175)	22.04	22.36	22.08	18.49
		1712.5 (19975)	22.10	22.35	22.11	19.03
	12RB-High (13)	1752.5 (20375)	21.74	20.93	20.71	18.40
		1732.5 (20175)	21.93	21.04	20.87	18.55
		1712.5 (19975)	21.93	21.08	20.88	18.53
	12RB-Middle (6)	1752.5 (20375)	21.79	20.93	20.77	18.43
		1732.5 (20175)	22.06	21.07	20.84	18.70
		1712.5 (19975)	21.96	21.14	21.00	18.76
	12RB-Low (0)	1752.5 (20375)	21.78	20.96	20.83	18.21
		1732.5 (20175)	21.95	21.08	20.90	18.81
		1712.5 (19975)	22.00	21.16	20.99	18.79
	25RB (0)	1752.5 (20375)	21.77	20.91	20.74	18.69
		1732.5 (20175)	21.93	21.06	20.91	18.71
		1712.5 (19975)	21.99	21.15	20.96	18.44
10MHz	1RB-High (49)	1750 (20350)	21.68	21.94	21.81	18.53
		1732.5 (20175)	21.89	22.10	21.89	18.70
		1715 (20000)	21.99	22.23	22.06	18.58
	1RB-Middle (24)	1750 (20350)	21.74	22.11	21.99	18.46
		1732.5 (20175)	22.19	22.38	22.10	19.01
		1715 (20000)	22.04	22.29	22.00	18.62

	1RB-Low (0)	1750 (20350)	21.99	22.25	22.10	18.61
		1732.5 (20175)	21.96	22.38	22.05	18.65
		1715 (20000)	22.11	22.35	22.09	18.75
	25RB-High (25)	1750 (20350)	21.80	20.88	20.73	18.35
		1732.5 (20175)	21.95	21.03	20.88	18.43
		1715 (20000)	21.93	21.12	20.86	18.41
	25RB-Middle (12)	1750 (20350)	21.75	20.95	20.71	18.22
		1732.5 (20175)	22.05	21.06	20.89	18.81
		1715 (20000)	22.00	21.10	20.95	18.93
	25RB-Low (0)	1750 (20350)	21.80	20.97	20.77	18.35
		1732.5 (20175)	21.97	21.14	20.88	18.59
		1715 (20000)	22.01	21.16	20.97	18.62
	50RB (0)	1750 (20350)	21.79	20.96	20.78	18.55
		1732.5 (20175)	21.90	21.08	20.90	18.73
		1715 (20000)	21.93	21.12	21.00	18.46
15MHz	1RB-High (74)	1747.5 (20325)	21.64	21.97	21.83	18.29
		1732.5 (20175)	21.90	22.05	21.97	18.76
		1717.5 (20025)	21.97	22.25	22.06	18.63
	1RB-Middle (37)	1747.5 (20325)	21.76	22.18	21.95	18.21
		1732.5 (20175)	22.18	22.42	22.10	18.64
		1717.5 (20025)	22.06	22.28	22.08	18.76
	1RB-Low (0)	1747.5 (20325)	21.97	22.30	22.02	18.74
		1732.5 (20175)	21.97	22.34	22.06	18.48
		1717.5 (20025)	22.11	22.44	22.09	18.57
	36RB-High (38)	1747.5 (20325)	21.79	20.93	20.75	18.24
		1732.5 (20175)	21.90	21.07	20.86	18.40
		1717.5 (20025)	21.90	21.13	20.89	18.42
	36RB-Middle (19)	1747.5 (20325)	21.74	20.97	20.70	18.28
		1732.5 (20175)	22.06	21.11	20.84	18.53
		1717.5 (20025)	22.02	21.17	20.97	18.49
	36RB-Low (0)	1747.5 (20325)	21.79	20.97	20.84	18.30
		1732.5 (20175)	21.98	21.13	20.90	18.77
		1717.5 (20025)	22.03	21.19	20.93	18.69
	75RB (0)	1747.5 (20325)	21.74	20.91	20.74	18.51
		1732.5 (20175)	21.95	21.05	20.88	18.47
		1717.5 (20025)	21.98	21.16	20.92	18.86

20MHz	1RB-High (99)	1745 (20300)	21.74	22.00	21.87	18.43
		1732.5 (20175)	21.83	22.05	21.92	18.52
		1720 (20050)	21.90	22.04	22.01	18.67
	1RB-Middle (50)	1745 (20300)	21.79	22.04	21.91	18.73
		1732.5 (20175)	21.99	22.10	22.08	18.86
		1720 (20050)	21.94	22.04	22.19	18.53
	1RB-Low (0)	1745 (20300)	21.92	22.08	22.02	18.89
		1732.5 (20175)	21.93	22.10	22.08	18.79
		1720 (20050)	22.01	22.16	22.08	18.98
	50RB-High (50)	1745 (20300)	21.81	21.78	20.80	18.62
		1732.5 (20175)	21.91	21.94	20.91	18.83
		1720 (20050)	21.96	21.94	20.96	18.86
	50RB-Middle (25)	1745 (20300)	21.83	21.81	20.80	18.33
		1732.5 (20175)	21.92	21.94	20.90	18.63
		1720 (20050)	22.04	21.98	20.97	18.90
	50RB-Low (0)	1745 (20300)	21.83	21.83	20.84	18.35
		1732.5 (20175)	21.95	21.96	20.95	18.87
		1720 (20050)	22.03	22.00	21.02	19.01
	100RB (0)	1745 (20300)	21.83	21.79	20.82	18.31
		1732.5 (20175)	21.91	21.95	20.96	18.90
		1720 (20050)	21.96	21.98	21.00	18.50

LTEB4- ANT2 DSI2/5

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	22.73	22.82	21.85	18.19
		1732.5 (20175)	22.84	22.98	21.99	18.21
		1710.7 (19957)	23.00	23.12	22.06	18.83
	1RB-Middle (3)	1754.3 (20393)	22.80	23.10	22.03	18.34
		1732.5 (20175)	23.18	23.24	22.18	18.63
		1710.7 (19957)	23.10	23.20	22.10	18.91
	1RB-Low (0)	1754.3 (20393)	22.98	23.16	22.08	18.79
		1732.5 (20175)	23.03	23.23	22.04	18.47
		1710.7 (19957)	23.15	23.26	22.13	18.57

	3RB-High (3)	1754.3 (20393)	22.78	21.75	20.76	18.25
		1732.5 (20175)	22.92	21.94	20.92	18.64
		1710.7 (19957)	22.96	21.95	20.91	18.33
	3RB-Middle (1)	1754.3 (20393)	22.78	21.78	20.80	18.59
		1732.5 (20175)	23.07	21.93	20.87	18.52
		1710.7 (19957)	23.03	21.98	21.03	18.53
	3RB-Low (0)	1754.3 (20393)	22.78	21.80	20.77	18.40
		1732.5 (20175)	23.00	22.01	20.98	18.50
		1710.7 (19957)	23.00	22.02	21.02	18.35
	6RB (0)	1754.3 (20393)	22.80	21.82	20.82	18.25
		1732.5 (20175)	22.88	21.94	20.91	18.35
		1710.7 (19957)	23.01	21.97	21.00	18.65
3MHz	1RB-High (14)	1753.5 (20385)	22.65	22.81	21.89	18.33
		1732.5 (20175)	22.89	22.98	21.94	18.71
		1711.5 (19965)	22.99	23.17	22.11	18.35
	1RB-Middle (7)	1753.5 (20385)	22.75	23.09	22.01	18.26
		1732.5 (20175)	23.16	23.32	22.14	18.51
		1711.5 (19965)	23.06	23.16	22.12	18.64
	1RB-Low (0)	1753.5 (20385)	22.99	23.20	22.08	18.31
		1732.5 (20175)	22.99	23.31	22.07	18.81
		1711.5 (19965)	23.10	23.26	22.09	18.59
	8RB-High (7)	1753.5 (20385)	22.78	21.79	20.74	18.40
		1732.5 (20175)	22.98	21.95	20.91	18.45
		1711.5 (19965)	22.91	21.98	20.89	18.67
	8RB-Middle (4)	1753.5 (20385)	22.74	21.81	20.79	18.47
		1732.5 (20175)	23.10	21.90	20.86	18.43
		1711.5 (19965)	22.99	22.01	20.98	18.55
	8RB-Low (0)	1753.5 (20385)	22.83	21.81	20.81	18.30
		1732.5 (20175)	22.96	21.99	20.90	18.54
		1711.5 (19965)	23.02	21.95	21.05	18.66
	15RB (0)	1753.5 (20385)	22.81	21.75	20.80	18.48
		1732.5 (20175)	22.90	21.97	20.96	18.62
		1711.5 (19965)	22.94	21.97	20.95	18.66
5MHz	1RB-High (24)	1752.5 (20375)	22.70	22.81	21.84	18.16
		1732.5 (20175)	22.86	23.02	22.00	18.39

		1712.5 (19975)	23.00	23.13	22.13	18.48
	1RB-Middle (12)	1752.5 (20375)	22.78	23.08	22.04	18.36
		1732.5 (20175)	23.23	23.27	22.11	18.84
		1712.5 (19975)	23.03	23.20	22.08	18.51
	1RB-Low (0)	1752.5 (20375)	23.06	23.22	22.13	18.54
		1732.5 (20175)	23.05	23.27	22.11	18.40
		1712.5 (19975)	23.12	23.26	22.14	18.94
	12RB-High (13)	1752.5 (20375)	22.74	21.77	20.73	18.31
		1732.5 (20175)	22.94	21.89	20.89	18.46
		1712.5 (19975)	22.94	21.93	20.91	18.44
	12RB-Middle (6)	1752.5 (20375)	22.79	21.77	20.79	18.34
		1732.5 (20175)	23.08	21.92	20.86	18.61
		1712.5 (19975)	22.97	21.99	21.03	18.67
	12RB-Low (0)	1752.5 (20375)	22.78	21.80	20.85	18.12
		1732.5 (20175)	22.96	21.93	20.93	18.72
		1712.5 (19975)	23.01	22.01	21.02	18.70
	25RB (0)	1752.5 (20375)	22.77	21.75	20.76	18.60
		1732.5 (20175)	22.94	21.91	20.94	18.62
		1712.5 (19975)	23.00	22.00	20.99	18.35
10MHz	1RB-High (49)	1750 (20350)	22.68	22.83	21.84	18.44
		1732.5 (20175)	22.90	22.99	21.92	18.61
		1715 (20000)	23.00	23.13	22.09	18.49
	1RB-Middle (24)	1750 (20350)	22.74	23.01	22.02	18.37
		1732.5 (20175)	23.21	23.29	22.13	18.92
		1715 (20000)	23.05	23.19	22.03	18.53
	1RB-Low (0)	1750 (20350)	23.00	23.15	22.13	18.52
		1732.5 (20175)	22.97	23.29	22.08	18.56
		1715 (20000)	23.13	23.26	22.12	18.66
	25RB-High (25)	1750 (20350)	22.80	21.72	20.75	18.26
		1732.5 (20175)	22.96	21.88	20.90	18.34
		1715 (20000)	22.94	21.97	20.88	18.32
	25RB-Middle (12)	1750 (20350)	22.75	21.79	20.73	18.13
		1732.5 (20175)	23.07	21.91	20.92	18.72
		1715 (20000)	23.01	21.95	20.98	18.84
	25RB-Low (0)	1750 (20350)	22.80	21.82	20.79	18.26
		1732.5 (20175)	22.98	21.99	20.90	18.50

		1715 (20000)	23.02	22.01	21.00	18.53
	50RB (0)	1750 (20350)	22.79	21.80	20.80	18.46
		1732.5 (20175)	22.91	21.93	20.93	18.64
		1715 (20000)	22.94	21.97	21.03	18.37
15MHz	1RB-High (74)	1747.5 (20325)	22.64	22.86	21.86	18.20
		1732.5 (20175)	22.91	22.94	22.00	18.67
		1717.5 (20025)	22.98	23.15	22.09	18.54
	1RB-Middle (37)	1747.5 (20325)	22.76	23.08	21.98	18.12
		1732.5 (20175)	23.20	23.33	22.13	18.55
		1717.5 (20025)	23.08	23.18	22.11	18.67
	1RB-Low (0)	1747.5 (20325)	22.98	23.20	22.05	18.65
		1732.5 (20175)	22.98	23.25	22.09	18.39
		1717.5 (20025)	23.13	23.35	22.12	18.48
	36RB-High (38)	1747.5 (20325)	22.79	21.77	20.77	18.15
		1732.5 (20175)	22.91	21.92	20.88	18.31
		1717.5 (20025)	22.91	21.98	20.92	18.33
	36RB-Middle (19)	1747.5 (20325)	22.74	21.82	20.72	18.19
		1732.5 (20175)	23.08	21.96	20.86	18.44
		1717.5 (20025)	23.03	22.02	21.00	18.40
	36RB-Low (0)	1747.5 (20325)	22.79	21.81	20.86	18.21
		1732.5 (20175)	22.99	21.98	20.93	18.68
		1717.5 (20025)	23.04	22.04	20.96	18.60
	75RB (0)	1747.5 (20325)	22.74	21.75	20.76	18.42
		1732.5 (20175)	22.96	21.90	20.90	18.38
		1717.5 (20025)	22.99	22.01	20.95	18.77
20MHz	1RB-High (99)	1745 (20300)	22.74	22.89	21.90	18.34
		1732.5 (20175)	22.85	23.11	21.95	18.43
		1720 (20050)	22.90	23.08	22.09	18.58
	1RB-Middle (50)	1745 (20300)	22.82	23.04	21.92	18.64
		1732.5 (20175)	22.99	23.11	22.12	18.77
		1720 (20050)	22.97	23.06	22.09	18.44
	1RB-Low (0)	1745 (20300)	22.89	23.18	22.06	18.80
		1732.5 (20175)	22.88	23.10	22.05	18.70
		1720 (20050)	23.08	23.17	22.10	18.89
	50RB-High (50)	1745 (20300)	22.84	21.81	20.81	18.53

		1732.5 (20175)	22.91	21.92	20.93	18.74
		1720 (20050)	22.99	21.98	20.96	18.77
	50RB-Middle (25)	1745 (20300)	22.83	21.84	20.81	18.24
		1732.5 (20175)	22.94	21.97	20.93	18.54
		1720 (20050)	23.07	22.03	21.00	18.81
	50RB-Low (0)	1745 (20300)	22.88	21.86	20.85	18.26
		1732.5 (20175)	22.99	21.97	20.94	18.78
		1720 (20050)	23.06	22.02	21.01	18.92
	100RB (0)	1745 (20300)	22.80	21.82	20.84	18.22
		1732.5 (20175)	22.95	21.99	20.95	18.81
		1720 (20050)	22.98	22.01	21.01	18.41

LTEB4- ANT1 DSI3

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	23.82	22.70	21.84	18.73
		1732.5 (20175)	23.72	22.70	21.72	18.84
		1710.7 (19957)	23.83	22.80	21.71	18.78
	1RB-Middle (3)	1754.3 (20393)	23.82	22.69	21.79	18.72
		1732.5 (20175)	23.77	22.72	21.79	18.60
		1710.7 (19957)	23.74	22.70	21.82	18.80
	1RB-Low (0)	1754.3 (20393)	23.80	22.69	21.80	18.79
		1732.5 (20175)	23.81	22.71	21.77	18.75
		1710.7 (19957)	23.83	22.84	21.80	18.81
	3RB-High (3)	1754.3 (20393)	22.85	21.80	20.78	18.81
		1732.5 (20175)	22.75	21.83	20.76	18.65
		1710.7 (19957)	22.63	21.85	20.74	18.59
	3RB-Middle (1)	1754.3 (20393)	22.59	21.80	20.74	18.81
		1732.5 (20175)	22.70	21.68	20.67	18.83
		1710.7 (19957)	22.78	21.77	20.85	18.61
	3RB-Low (0)	1754.3 (20393)	22.62	21.80	20.74	18.66
		1732.5 (20175)	22.63	21.75	20.74	18.79
		1710.7 (19957)	22.69	21.71	20.81	18.85
	6RB (0)	1754.3 (20393)	22.61	21.71	20.81	18.68
		1732.5 (20175)	22.77	21.80	20.71	18.83

		1710.7 (19957)	22.70	21.70	20.67	18.85
3MHz	1RB-High (14)	1753.5 (20385)	23.80	22.65	21.75	18.74
		1732.5 (20175)	23.72	22.81	21.77	18.62
		1711.5 (19965)	23.66	22.71	21.82	18.56
	1RB-Middle (7)	1753.5 (20385)	23.75	22.63	21.74	18.61
		1732.5 (20175)	23.70	22.78	21.69	18.78
		1711.5 (19965)	23.70	22.80	21.82	18.58
	1RB-Low (0)	1753.5 (20385)	23.72	22.76	21.83	18.72
		1732.5 (20175)	23.82	22.74	21.68	18.75
		1711.5 (19965)	23.69	22.65	21.71	18.72
	8RB-High (7)	1753.5 (20385)	22.77	21.84	20.76	18.59
		1732.5 (20175)	22.59	21.79	20.82	18.66
		1711.5 (19965)	22.84	21.85	20.81	18.65
	8RB-Middle (4)	1753.5 (20385)	22.84	21.70	20.81	18.70
		1732.5 (20175)	22.78	21.71	20.65	18.64
		1711.5 (19965)	22.75	21.73	20.79	18.68
	8RB-Low (0)	1753.5 (20385)	22.81	21.85	20.69	18.56
		1732.5 (20175)	22.64	21.72	20.78	18.81
		1711.5 (19965)	22.73	21.83	20.73	18.59
	15RB (0)	1753.5 (20385)	22.66	21.83	20.77	18.80
		1732.5 (20175)	22.72	21.83	20.68	18.74
		1711.5 (19965)	22.67	21.79	20.69	18.82
5MHz	1RB-High (24)	1752.5 (20375)	23.70	22.77	21.71	18.77
		1732.5 (20175)	23.70	22.67	21.80	18.82
		1712.5 (19975)	23.68	22.72	21.72	18.61
	1RB-Middle (12)	1752.5 (20375)	23.73	22.79	21.81	18.83
		1732.5 (20175)	23.70	22.60	21.79	18.72
		1712.5 (19975)	23.74	22.72	21.80	18.75
	1RB-Low (0)	1752.5 (20375)	23.72	22.85	21.75	18.64
		1732.5 (20175)	23.75	22.76	21.85	18.55
		1712.5 (19975)	23.76	22.69	21.78	18.63
	12RB-High (13)	1752.5 (20375)	22.64	21.73	20.82	18.71
		1732.5 (20175)	22.67	21.83	20.82	18.71
		1712.5 (19975)	22.59	21.68	20.68	18.66
	12RB-Middle (6)	1752.5 (20375)	22.62	21.80	20.81	18.81

		1732.5 (20175)	22.61	21.79	20.85	18.60
		1712.5 (19975)	22.75	21.72	20.68	18.85
	12RB-Low (0)	1752.5 (20375)	22.73	21.85	20.79	18.55
		1732.5 (20175)	22.70	21.80	20.72	18.77
		1712.5 (19975)	22.83	21.85	20.72	18.58
	25RB (0)	1752.5 (20375)	22.68	21.75	20.77	18.62
		1732.5 (20175)	22.76	21.73	20.73	18.80
		1712.5 (19975)	22.66	21.75	20.78	18.58
10MHz	1RB-High (49)	1750 (20350)	23.84	22.73	21.80	18.77
		1732.5 (20175)	23.77	22.77	21.75	18.72
		1715 (20000)	23.74	22.82	21.69	18.80
	1RB-Middle (24)	1750 (20350)	23.74	22.76	21.69	18.65
		1732.5 (20175)	23.82	22.68	21.85	18.62
		1715 (20000)	23.80	22.85	21.73	18.59
	1RB-Low (0)	1750 (20350)	23.83	22.64	21.81	18.80
		1732.5 (20175)	23.70	22.62	21.78	18.77
		1715 (20000)	23.75	22.61	21.78	18.60
	25RB-High (25)	1750 (20350)	22.78	21.80	20.79	18.65
		1732.5 (20175)	22.72	21.83	20.74	18.70
		1715 (20000)	22.64	21.83	20.65	18.58
	25RB-Middle (12)	1750 (20350)	22.77	21.80	20.66	18.66
		1732.5 (20175)	22.79	21.77	20.69	18.82
		1715 (20000)	22.77	21.75	20.71	18.68
	25RB-Low (0)	1750 (20350)	22.66	21.83	20.81	18.69
		1732.5 (20175)	22.66	21.78	20.76	18.66
		1715 (20000)	22.58	21.73	20.80	18.63
	50RB (0)	1750 (20350)	22.84	21.85	20.83	18.82
		1732.5 (20175)	22.81	21.81	20.79	18.83
		1715 (20000)	22.76	21.82	20.82	18.80
15MHz	1RB-High (74)	1747.5 (20325)	23.83	22.59	21.75	18.76
		1732.5 (20175)	23.81	22.58	21.83	18.59
		1717.5 (20025)	23.78	22.66	21.72	18.68
	1RB-Middle (37)	1747.5 (20325)	23.76	22.74	21.78	18.77
		1732.5 (20175)	23.69	22.82	21.75	18.82
		1717.5 (20025)	23.77	22.60	21.84	18.67

	1RB-Low (0)	1747.5 (20325)	23.83	22.60	21.83	18.65
		1732.5 (20175)	23.71	22.65	21.83	18.82
		1717.5 (20025)	23.70	22.74	21.76	18.77
	36RB-High (38)	1747.5 (20325)	22.64	21.72	20.66	18.65
		1732.5 (20175)	22.72	21.82	20.81	18.64
		1717.5 (20025)	22.60	21.74	20.80	18.68
	36RB-Middle (19)	1747.5 (20325)	22.82	21.82	20.67	18.69
		1732.5 (20175)	22.76	21.79	20.82	18.81
		1717.5 (20025)	22.74	21.72	20.71	18.83
	36RB-Low (0)	1747.5 (20325)	22.62	21.73	20.78	18.62
		1732.5 (20175)	22.59	21.75	20.83	18.69
		1717.5 (20025)	22.68	21.85	20.72	18.70
	75RB (0)	1747.5 (20325)	22.65	21.79	20.65	18.69
		1732.5 (20175)	22.82	21.73	20.84	18.70
		1717.5 (20025)	22.59	21.82	20.79	18.55
20MHz	1RB-High (99)	1745 (20300)	23.83	22.59	21.77	18.59
		1732.5 (20175)	23.81	22.68	21.75	18.81
		1720 (20050)	23.66	22.68	21.82	18.69
	1RB-Middle (50)	1745 (20300)	23.84	22.70	21.74	18.58
		1732.5 (20175)	23.89	22.78	21.68	18.70
		1720 (20050)	23.78	22.85	21.82	18.82
	1RB-Low (0)	1745 (20300)	23.78	22.70	21.71	18.61
		1732.5 (20175)	23.71	22.67	21.72	18.77
		1720 (20050)	23.70	22.63	21.72	18.73
	50RB-High (50)	1745 (20300)	22.66	21.74	20.73	18.59
		1732.5 (20175)	22.66	21.72	20.81	18.84
		1720 (20050)	22.66	21.71	20.78	18.69
	50RB-Middle (25)	1745 (20300)	22.75	21.78	20.81	18.60
		1732.5 (20175)	22.74	21.79	20.69	18.59
		1720 (20050)	22.81	21.71	20.83	18.67
	50RB-Low (0)	1745 (20300)	22.73	21.80	20.68	18.60
		1732.5 (20175)	22.86	21.68	20.67	18.63
		1720 (20050)	22.84	21.85	20.80	18.68
	100RB (0)	1745 (20300)	22.74	21.81	20.81	18.55
		1732.5 (20175)	22.61	21.84	20.85	18.69
		1720 (20050)	22.68	21.80	20.76	18.57

LTEB4- ANT1 DSI4

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	21.15	21.34	21.32	18.58
		1732.5 (20175)	21.11	21.10	21.06	18.66
		1710.7 (19957)	21.29	21.27	21.07	18.58
	1RB-Middle (3)	1754.3 (20393)	21.11	21.30	21.28	18.50
		1732.5 (20175)	21.31	21.25	21.24	18.74
		1710.7 (19957)	21.19	21.06	21.33	18.53
	1RB-Low (0)	1754.3 (20393)	21.25	21.09	21.18	18.71
		1732.5 (20175)	21.28	21.14	21.08	18.61
		1710.7 (19957)	21.34	21.07	21.08	18.63
	3RB-High (3)	1754.3 (20393)	21.18	21.31	20.73	18.78
		1732.5 (20175)	21.31	21.08	20.72	18.62
		1710.7 (19957)	21.07	21.34	20.67	18.80
	3RB-Middle (1)	1754.3 (20393)	21.06	21.32	20.73	18.76
		1732.5 (20175)	21.17	21.07	20.78	18.74
		1710.7 (19957)	21.26	21.12	20.92	18.65
	3RB-Low (0)	1754.3 (20393)	21.25	21.31	20.91	18.71
		1732.5 (20175)	21.09	21.34	20.87	18.77
		1710.7 (19957)	21.25	21.24	20.90	18.66
	6RB (0)	1754.3 (20393)	21.22	21.12	20.85	18.61
		1732.5 (20175)	21.19	21.17	20.82	18.68
		1710.7 (19957)	21.33	21.32	20.92	18.57
3MHz	1RB-High (14)	1753.5 (20385)	21.11	21.26	21.30	18.58
		1732.5 (20175)	21.09	21.15	21.20	18.75
		1711.5 (19965)	21.30	21.14	21.12	18.74
	1RB-Middle (7)	1753.5 (20385)	21.35	21.29	21.21	18.73
		1732.5 (20175)	21.23	21.17	21.23	18.68
		1711.5 (19965)	21.06	21.24	21.33	18.79
	1RB-Low (0)	1753.5 (20385)	21.13	21.17	21.27	18.63
		1732.5 (20175)	21.11	21.23	21.21	18.80
		1711.5 (19965)	21.15	21.22	21.15	18.74

	8RB-High (7)	1753.5 (20385)	21.28	21.21	20.95	18.57
		1732.5 (20175)	21.17	21.30	20.77	18.71
		1711.5 (19965)	21.14	21.06	20.72	18.74
	8RB-Middle (4)	1753.5 (20385)	21.33	21.22	20.80	18.54
		1732.5 (20175)	21.28	21.09	20.69	18.63
		1711.5 (19965)	21.18	21.06	20.90	18.56
	8RB-Low (0)	1753.5 (20385)	21.30	21.06	20.82	18.61
		1732.5 (20175)	21.27	21.19	20.69	18.66
		1711.5 (19965)	21.23	21.23	20.85	18.54
	15RB (0)	1753.5 (20385)	21.21	21.15	20.83	18.53
		1732.5 (20175)	21.26	21.18	20.83	18.64
		1711.5 (19965)	21.11	21.32	20.87	18.80
5MHz	1RB-High (24)	1752.5 (20375)	21.19	21.17	21.15	18.56
		1732.5 (20175)	21.14	21.27	21.20	18.66
		1712.5 (19975)	21.34	21.20	21.09	18.55
	1RB-Middle (12)	1752.5 (20375)	21.21	21.29	21.27	18.65
		1732.5 (20175)	21.30	21.14	21.22	18.60
		1712.5 (19975)	21.15	21.19	21.32	18.54
	1RB-Low (0)	1752.5 (20375)	21.12	21.28	21.19	18.51
		1732.5 (20175)	21.30	21.30	21.23	18.65
		1712.5 (19975)	21.13	21.16	21.18	18.80
	12RB-High (13)	1752.5 (20375)	21.27	21.07	20.91	18.73
		1732.5 (20175)	21.14	21.24	20.78	18.80
		1712.5 (19975)	21.17	21.17	20.80	18.80
	12RB-Middle (6)	1752.5 (20375)	21.15	21.10	20.95	18.50
		1732.5 (20175)	21.24	21.12	20.81	18.63
		1712.5 (19975)	21.25	21.22	20.93	18.73
	12RB-Low (0)	1752.5 (20375)	21.17	21.33	20.92	18.59
		1732.5 (20175)	21.22	21.13	20.72	18.73
		1712.5 (19975)	21.16	21.27	20.71	18.57
	25RB (0)	1752.5 (20375)	21.12	21.08	20.87	18.73
		1732.5 (20175)	21.22	21.13	20.88	18.66
		1712.5 (19975)	21.35	21.14	20.85	18.77
10MHz	1RB-High (49)	1750 (20350)	21.22	21.29	21.21	18.79
		1732.5 (20175)	21.25	21.28	21.06	18.70

		1715 (20000)	21.33	21.24	21.28	18.66
	1RB-Middle (24)	1750 (20350)	21.34	21.20	21.34	18.63
		1732.5 (20175)	21.07	21.19	21.33	18.55
		1715 (20000)	21.30	21.25	21.34	18.58
	1RB-Low (0)	1750 (20350)	21.22	21.35	21.26	18.55
		1732.5 (20175)	21.26	21.33	21.31	18.58
		1715 (20000)	21.31	21.13	21.29	18.78
	25RB-High (25)	1750 (20350)	21.23	21.33	20.77	18.51
		1732.5 (20175)	21.19	21.07	20.83	18.59
		1715 (20000)	21.28	21.30	20.87	18.61
	25RB-Middle (12)	1750 (20350)	21.12	21.30	20.90	18.58
		1732.5 (20175)	21.18	21.13	20.81	18.74
		1715 (20000)	21.24	21.18	20.79	18.51
	25RB-Low (0)	1750 (20350)	21.31	21.22	20.68	18.52
		1732.5 (20175)	21.09	21.32	20.78	18.54
		1715 (20000)	21.11	21.12	20.77	18.75
	50RB (0)	1750 (20350)	21.10	21.15	20.90	18.64
		1732.5 (20175)	21.07	21.08	20.85	18.51
		1715 (20000)	21.21	21.14	20.86	18.63
15MHz	1RB-High (74)	1747.5 (20325)	21.33	21.33	21.17	18.61
		1732.5 (20175)	21.27	21.27	21.10	18.50
		1717.5 (20025)	21.25	21.07	21.17	18.54
	1RB-Middle (37)	1747.5 (20325)	21.12	21.24	21.06	18.64
		1732.5 (20175)	21.08	21.27	21.32	18.57
		1717.5 (20025)	21.17	21.08	21.06	18.75
	1RB-Low (0)	1747.5 (20325)	21.33	21.20	21.10	18.66
		1732.5 (20175)	21.17	21.24	21.33	18.64
		1717.5 (20025)	21.08	21.23	21.24	18.67
	36RB-High (38)	1747.5 (20325)	21.10	21.26	20.87	18.73
		1732.5 (20175)	21.23	21.27	20.83	18.78
		1717.5 (20025)	21.27	21.08	20.88	18.58
	36RB-Middle (19)	1747.5 (20325)	21.18	21.34	20.67	18.67
		1732.5 (20175)	21.31	21.19	20.80	18.50
		1717.5 (20025)	21.22	21.16	20.85	18.58
	36RB-Low (0)	1747.5 (20325)	21.27	21.14	20.67	18.51
		1732.5 (20175)	21.12	21.27	20.66	18.54

		1717.5 (20025)	21.15	21.28	20.72	18.77
	75RB (0)	1747.5 (20325)	21.33	21.20	20.86	18.69
		1732.5 (20175)	21.27	21.23	20.92	18.75
		1717.5 (20025)	21.35	21.32	20.78	18.58
20MHz	1RB-High (99)	1745 (20300)	21.13	21.30	21.07	18.77
		1732.5 (20175)	21.06	21.08	21.25	18.56
		1720 (20050)	21.35	21.27	21.34	18.72
	1RB-Middle (50)	1745 (20300)	21.13	21.07	21.22	18.77
		1732.5 (20175)	21.37	21.20	21.09	18.64
		1720 (20050)	21.35	21.32	21.09	18.79
	1RB-Low (0)	1745 (20300)	21.30	21.18	21.16	18.80
		1732.5 (20175)	21.35	21.18	21.30	18.65
		1720 (20050)	21.25	21.26	21.14	18.80
	50RB-High (50)	1745 (20300)	21.09	21.18	20.76	18.80
		1732.5 (20175)	21.08	21.10	20.72	18.66
		1720 (20050)	21.17	21.24	20.68	18.76
	50RB-Middle (25)	1745 (20300)	21.28	21.33	20.83	18.75
		1732.5 (20175)	21.35	21.32	20.86	18.79
		1720 (20050)	21.33	21.21	20.88	18.72
	50RB-Low (0)	1745 (20300)	21.31	21.28	20.72	18.66
		1732.5 (20175)	21.15	21.23	20.77	18.78
		1720 (20050)	21.28	21.29	20.92	18.59
	100RB (0)	1745 (20300)	21.25	21.32	20.74	18.52
		1732.5 (20175)	21.24	21.24	20.82	18.65
		1720 (20050)	21.20	21.24	20.85	18.78

LTEB4- ANT1 DSI5

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	22.15	22.04	21.70	18.70
		1732.5 (20175)	22.10	22.21	21.64	18.55
		1710.7 (19957)	22.28	22.27	21.54	18.71
	1RB-Middle (3)	1754.3 (20393)	22.20	22.06	21.65	18.52
		1732.5 (20175)	22.14	22.10	21.64	18.54

		1710.7 (19957)	22.15	22.30	21.77	18.56
	1RB-Low (0)	1754.3 (20393)	22.13	22.07	21.55	18.71
		1732.5 (20175)	22.06	22.22	21.68	18.70
		1710.7 (19957)	22.11	22.04	21.57	18.63
	3RB-High (3)	1754.3 (20393)	22.10	21.75	20.83	18.73
		1732.5 (20175)	22.21	21.67	20.83	18.64
		1710.7 (19957)	22.07	21.87	20.85	18.63
	3RB-Middle (1)	1754.3 (20393)	22.29	21.77	20.69	18.73
		1732.5 (20175)	22.27	21.74	20.90	18.65
		1710.7 (19957)	22.07	21.83	20.73	18.67
	3RB-Low (0)	1754.3 (20393)	22.16	21.75	20.69	18.65
		1732.5 (20175)	22.28	21.88	20.68	18.73
		1710.7 (19957)	22.10	21.75	20.73	18.52
	6RB (0)	1754.3 (20393)	22.29	21.80	20.82	18.60
		1732.5 (20175)	22.12	21.81	20.86	18.57
		1710.7 (19957)	22.24	21.71	20.81	18.66
3MHz	1RB-High (14)	1753.5 (20385)	22.04	22.11	21.71	18.68
		1732.5 (20175)	22.04	22.24	21.67	18.54
		1711.5 (19965)	22.08	22.10	21.63	18.73
	1RB-Middle (7)	1753.5 (20385)	22.20	22.10	21.66	18.54
		1732.5 (20175)	22.23	22.14	21.63	18.54
		1711.5 (19965)	22.24	22.26	21.65	18.54
	1RB-Low (0)	1753.5 (20385)	22.15	22.24	21.64	18.58
		1732.5 (20175)	22.17	22.15	21.58	18.54
		1711.5 (19965)	22.16	22.15	21.52	18.55
	8RB-High (7)	1753.5 (20385)	22.08	21.64	20.71	18.56
		1732.5 (20175)	22.29	21.66	20.71	18.65
		1711.5 (19965)	22.10	21.85	20.90	18.65
	8RB-Middle (4)	1753.5 (20385)	22.21	21.70	20.85	18.62
		1732.5 (20175)	22.20	21.76	20.67	18.60
		1711.5 (19965)	22.04	21.71	20.90	18.73
	8RB-Low (0)	1753.5 (20385)	22.08	21.73	20.85	18.54
		1732.5 (20175)	22.07	21.82	20.86	18.58
		1711.5 (19965)	22.28	21.76	20.89	18.60
	15RB (0)	1753.5 (20385)	22.28	21.74	20.85	18.55
		1732.5 (20175)	22.14	21.81	20.84	18.69

		1711.5 (19965)	22.30	21.84	20.62	18.61
5MHz	1RB-High (24)	1752.5 (20375)	22.13	22.25	21.72	18.62
		1732.5 (20175)	22.29	22.30	21.64	18.58
		1712.5 (19975)	22.27	22.30	21.74	18.55
	1RB-Middle (12)	1752.5 (20375)	22.11	22.11	21.58	18.70
		1732.5 (20175)	22.24	22.22	21.57	18.56
		1712.5 (19975)	22.04	22.12	21.73	18.55
	1RB-Low (0)	1752.5 (20375)	22.04	22.23	21.74	18.69
		1732.5 (20175)	22.25	22.05	21.69	18.52
		1712.5 (19975)	22.29	22.13	21.79	18.65
	12RB-High (13)	1752.5 (20375)	22.13	21.87	20.67	18.56
		1732.5 (20175)	22.27	21.82	20.62	18.56
		1712.5 (19975)	22.18	21.76	20.74	18.58
	12RB-Middle (6)	1752.5 (20375)	22.14	21.64	20.76	18.59
		1732.5 (20175)	22.26	21.90	20.70	18.61
		1712.5 (19975)	22.07	21.74	20.87	18.59
	12RB-Low (0)	1752.5 (20375)	22.15	21.71	20.88	18.55
		1732.5 (20175)	22.29	21.80	20.78	18.72
		1712.5 (19975)	22.17	21.76	20.77	18.62
	25RB (0)	1752.5 (20375)	22.17	21.77	20.63	18.53
		1732.5 (20175)	22.10	21.66	20.87	18.64
		1712.5 (19975)	22.20	21.73	20.67	18.58
10MHz	1RB-High (49)	1750 (20350)	22.08	22.20	21.67	18.56
		1732.5 (20175)	22.12	22.19	21.63	18.60
		1715 (20000)	22.09	22.10	21.60	18.57
	1RB-Middle (24)	1750 (20350)	22.07	22.10	21.61	18.52
		1732.5 (20175)	22.05	22.15	21.70	18.70
		1715 (20000)	22.14	22.10	21.72	18.62
	1RB-Low (0)	1750 (20350)	22.14	22.25	21.79	18.57
		1732.5 (20175)	22.19	22.06	21.64	18.59
		1715 (20000)	22.16	22.27	21.57	18.63
	25RB-High (25)	1750 (20350)	22.14	21.70	20.65	18.60
		1732.5 (20175)	22.20	21.70	20.70	18.52
		1715 (20000)	22.17	21.79	20.86	18.63
	25RB-Middle (12)	1750 (20350)	22.13	21.74	20.66	18.52

		1732.5 (20175)	22.15	21.64	20.77	18.73
		1715 (20000)	22.06	21.84	20.68	18.56
	25RB-Low (0)	1750 (20350)	22.07	21.88	20.78	18.61
		1732.5 (20175)	22.28	21.74	20.86	18.73
		1715 (20000)	22.30	21.80	20.64	18.72
	50RB (0)	1750 (20350)	22.12	21.70	20.64	18.71
		1732.5 (20175)	22.12	21.69	20.90	18.56
		1715 (20000)	22.28	21.79	20.65	18.68
15MHz	1RB-High (74)	1747.5 (20325)	22.26	22.28	21.61	18.71
		1732.5 (20175)	22.25	22.16	21.53	18.64
		1717.5 (20025)	22.22	22.09	21.67	18.52
	1RB-Middle (37)	1747.5 (20325)	22.28	22.16	21.65	18.69
		1732.5 (20175)	22.09	22.06	21.60	18.54
		1717.5 (20025)	22.14	22.27	21.54	18.53
	1RB-Low (0)	1747.5 (20325)	22.23	22.10	21.76	18.60
		1732.5 (20175)	22.27	22.28	21.72	18.66
		1717.5 (20025)	22.14	22.06	21.78	18.53
	36RB-High (38)	1747.5 (20325)	22.14	21.75	20.83	18.69
		1732.5 (20175)	22.17	21.79	20.69	18.57
		1717.5 (20025)	22.29	21.71	20.74	18.67
	36RB-Middle (19)	1747.5 (20325)	22.16	21.82	20.68	18.58
		1732.5 (20175)	22.30	21.65	20.66	18.57
		1717.5 (20025)	22.26	21.87	20.86	18.64
	36RB-Low (0)	1747.5 (20325)	22.10	21.81	20.86	18.62
		1732.5 (20175)	22.23	21.82	20.81	18.62
		1717.5 (20025)	22.21	21.69	20.87	18.69
	75RB (0)	1747.5 (20325)	22.05	21.74	20.75	18.52
		1732.5 (20175)	22.22	21.79	20.78	18.62
		1717.5 (20025)	22.15	21.84	20.84	18.66
20MHz	1RB-High (99)	1745 (20300)	22.12	22.17	21.57	18.64
		1732.5 (20175)	22.17	22.26	21.80	18.70
		1720 (20050)	22.26	22.09	21.63	18.57
	1RB-Middle (50)	1745 (20300)	22.18	22.26	21.73	18.53
		1732.5 (20175)	22.27	22.20	21.67	18.56
		1720 (20050)	22.12	22.16	21.65	18.59

	1RB-Low (0)	1745 (20300)	22.15	22.15	21.74	18.57
		1732.5 (20175)	22.17	22.08	21.76	18.58
		1720 (20050)	22.20	22.16	21.67	18.64
	50RB-High (50)	1745 (20300)	22.23	21.87	20.78	18.56
		1732.5 (20175)	22.19	21.90	20.74	18.65
		1720 (20050)	22.20	21.73	20.67	18.61
	50RB-Middle (25)	1745 (20300)	22.16	21.69	20.66	18.67
		1732.5 (20175)	22.24	21.65	20.79	18.53
		1720 (20050)	22.21	21.89	20.80	18.67
	50RB-Low (0)	1745 (20300)	22.12	21.89	20.73	18.65
		1732.5 (20175)	22.12	21.82	20.75	18.55
		1720 (20050)	22.13	21.67	20.78	18.64
	100RB (0)	1745 (20300)	22.15	21.89	20.63	18.66
		1732.5 (20175)	22.10	21.84	20.66	18.66
		1720 (20050)	22.17	21.83	20.77	18.55

LTEB5- ANT0 DSI0

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (20643)	22.80	22.21	23.26	19.32
		836.5 (20525)	22.60	23.40	23.14	19.21
		824.7 (20407)	22.92	23.15	23.30	19.23
	1RB-Middle (3)	848.3 (20643)	22.84	22.98	23.25	19.17
		836.5 (20525)	22.62	22.97	23.07	19.09
		824.7 (20407)	22.89	23.13	23.30	19.30
	1RB-Low (0)	848.3 (20643)	22.77	23.20	23.27	19.12
		836.5 (20525)	22.61	22.96	23.06	19.14
		824.7 (20407)	23.04	23.11	23.36	19.28
	3RB-High (3)	848.3 (20643)	22.86	22.95	23.15	19.20
		836.5 (20525)	22.63	23.13	22.92	19.19
		824.7 (20407)	22.86	23.50	23.16	19.26
	3RB-Middle (1)	848.3 (20643)	22.84	23.46	23.21	19.31
		836.5 (20525)	22.58	23.21	22.90	19.10
		824.7 (20407)	22.83	23.38	23.15	19.22
	3RB-Low (0)	848.3 (20643)	22.89	22.94	23.24	19.14

		836.5 (20525)	22.59	23.19	22.91	19.31
		824.7 (20407)	22.86	23.48	23.11	19.11
	6RB (0)	848.3 (20643)	22.86	23.14	22.06	19.28
		836.5 (20525)	22.59	22.84	21.84	19.27
		824.7 (20407)	22.90	23.14	22.07	19.32
3MHz	1RB-High (14)	847.5 (20635)	22.79	22.96	23.30	19.31
		836.5 (20525)	22.63	22.78	23.05	19.16
		825.5 (20415)	22.92	23.05	23.23	19.26
	1RB-Middle (7)	847.5 (20635)	22.85	23.06	23.40	19.29
		836.5 (20525)	22.65	23.15	23.15	19.31
		825.5 (20415)	23.10	23.28	23.28	19.29
	1RB-Low (0)	847.5 (20635)	22.86	23.23	23.33	19.11
		836.5 (20525)	22.62	22.79	23.07	19.10
		825.5 (20415)	22.84	23.16	23.33	19.28
	8RB-High (7)	847.5 (20635)	22.85	23.11	22.12	19.26
		836.5 (20525)	22.63	22.83	21.89	19.13
		825.5 (20415)	22.90	23.10	22.10	19.31
	8RB-Middle (4)	847.5 (20635)	22.88	23.11	22.16	19.22
		836.5 (20525)	22.61	22.84	21.87	19.25
		825.5 (20415)	22.84	23.07	22.08	19.17
	8RB-Low (0)	847.5 (20635)	22.91	23.08	22.18	19.07
		836.5 (20525)	22.58	22.84	21.84	19.21
		825.5 (20415)	22.83	23.10	22.09	19.10
	15RB (0)	847.5 (20635)	22.87	23.05	22.09	19.32
		836.5 (20525)	22.61	22.87	21.81	19.30
		825.5 (20415)	22.85	23.14	22.09	19.25
5MHz	1RB-High (24)	846.5 (20625)	22.85	23.10	23.40	19.14
		836.5 (20525)	22.64	22.89	23.17	19.09
		826.5 (20425)	22.88	23.14	23.26	19.09
	1RB-Middle (12)	846.5 (20625)	22.91	23.15	23.42	19.31
		836.5 (20525)	22.88	23.07	23.21	19.10
		826.5 (20425)	22.90	23.11	23.37	19.27
	1RB-Low (0)	846.5 (20625)	22.88	23.16	23.41	19.12
		836.5 (20525)	22.64	22.88	23.09	19.31
		826.5 (20425)	22.92	23.23	23.33	19.24

	12RB-High (13)	846.5 (20625)	22.86	23.08	22.16	19.15
		836.5 (20525)	22.66	22.84	21.93	19.10
		826.5 (20425)	22.92	23.07	22.11	19.15
	12RB-Middle (6)	846.5 (20625)	22.89	23.14	22.20	19.15
		836.5 (20525)	22.63	22.83	21.89	19.15
		826.5 (20425)	22.91	23.03	22.14	19.13
	12RB-Low (0)	846.5 (20625)	22.91	23.14	22.20	19.27
		836.5 (20525)	22.67	22.82	21.90	19.32
		826.5 (20425)	22.91	23.09	22.17	19.29
	25RB (0)	846.5 (20625)	22.90	23.11	22.11	19.07
		836.5 (20525)	22.71	22.85	21.90	19.17
		826.5 (20425)	22.95	23.10	22.13	19.10
10MHz	1RB-High (49)	844 (20600)	22.85	23.05	22.06	19.21
		836.5 (20525)	23.03	23.25	22.23	19.21
		829 (20450)	23.02	23.27	22.12	19.13
	1RB-Middle (24)	844 (20600)	23.12	23.18	22.14	19.12
		836.5 (20525)	23.05	23.30	22.18	19.17
		829 (20450)	23.01	23.29	22.17	19.14
	1RB-Low (0)	844 (20600)	23.11	23.39	22.30	19.26
		836.5 (20525)	23.06	23.20	22.20	19.25
		829 (20450)	23.01	23.23	22.18	19.12
	25RB-High (25)	844 (20600)	23.01	21.95	21.06	19.16
		836.5 (20525)	23.10	22.10	21.15	19.07
		829 (20450)	23.08	22.05	21.19	19.24
	25RB-Middle (12)	844 (20600)	23.03	22.01	21.11	19.09
		836.5 (20525)	23.10	22.09	21.20	19.10
		829 (20450)	23.07	22.05	21.24	19.29
	25RB-Low (0)	844 (20600)	23.11	22.14	21.12	19.27
		836.5 (20525)	23.10	22.07	21.25	19.17
		829 (20450)	23.10	22.12	21.29	19.28
	50RB (0)	844 (20600)	23.02	22.06	21.12	19.28
		836.5 (20525)	23.08	22.06	21.19	19.19
		829 (20450)	23.07	22.08	21.23	19.17

LTEB5- ANT0 DSI1/2/4/5

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (20643)	24.34	23.22	22.35	19.74
		836.5 (20525)	24.33	23.40	22.44	19.90
		824.7 (20407)	24.32	23.40	22.40	19.98
	1RB-Middle (3)	848.3 (20643)	24.24	23.23	22.46	19.59
		836.5 (20525)	24.35	23.42	22.37	20.11
		824.7 (20407)	24.30	23.34	22.48	19.63
	1RB-Low (0)	848.3 (20643)	24.31	23.34	22.37	20.02
		836.5 (20525)	24.26	23.40	22.43	19.73
		824.7 (20407)	24.24	23.34	22.45	19.51
	3RB-High (3)	848.3 (20643)	23.21	22.27	21.27	18.58
		836.5 (20525)	23.35	22.29	21.36	18.89
		824.7 (20407)	23.32	22.31	21.46	19.02
	3RB-Middle (1)	848.3 (20643)	23.24	22.27	21.39	18.54
		836.5 (20525)	23.44	22.33	21.39	18.93
		824.7 (20407)	23.25	22.27	21.41	18.59
	3RB-Low (0)	848.3 (20643)	23.38	22.44	21.37	18.81
		836.5 (20525)	23.30	22.28	21.41	18.79
		824.7 (20407)	23.29	22.33	21.37	18.82
	6RB (0)	848.3 (20643)	23.25	22.36	21.35	19.02
		836.5 (20525)	23.25	22.29	21.35	18.73
		824.7 (20407)	23.24	22.29	21.37	18.54
3MHz	1RB-High (14)	847.5 (20635)	24.31	23.26	22.29	19.97
		836.5 (20525)	24.33	23.35	22.43	19.64
		825.5 (20415)	24.29	23.39	22.39	19.69
	1RB-Middle (7)	847.5 (20635)	24.16	23.27	22.46	19.58
		836.5 (20525)	24.36	23.38	22.42	20.07
		825.5 (20415)	24.25	23.39	22.44	20.00
	1RB-Low (0)	847.5 (20635)	24.32	23.31	22.41	20.01
		836.5 (20525)	24.26	23.43	22.45	19.73
		825.5 (20415)	24.25	23.34	22.49	19.76
	8RB-High (7)	847.5 (20635)	23.16	22.19	21.24	18.77
		836.5 (20525)	23.35	22.35	21.44	18.97
		825.5 (20415)	23.29	22.24	21.47	18.62
	8RB-Middle (4)	847.5 (20635)	23.23	22.21	21.32	18.62

		836.5 (20525)	23.40	22.26	21.39	18.82
		825.5 (20415)	23.26	22.25	21.46	18.55
	8RB-Low (0)	847.5 (20635)	23.34	22.39	21.43	18.78
		836.5 (20525)	23.23	22.26	21.42	18.82
		825.5 (20415)	23.35	22.36	21.38	19.10
	15RB (0)	847.5 (20635)	23.24	22.28	21.33	18.84
		836.5 (20525)	23.34	22.26	21.34	18.83
		825.5 (20415)	23.31	22.29	21.38	18.58
5MHz	1RB-High (24)	846.5 (20625)	24.29	23.29	22.27	19.93
		836.5 (20525)	24.32	23.40	22.48	19.83
		826.5 (20425)	24.30	23.44	22.37	19.76
	1RB-Middle (12)	846.5 (20625)	24.23	23.29	22.46	19.71
		836.5 (20525)	24.35	23.39	22.39	19.80
		826.5 (20425)	24.31	23.39	22.49	19.69
	1RB-Low (0)	846.5 (20625)	24.32	23.39	22.40	19.66
		836.5 (20525)	24.28	23.45	22.41	20.06
		826.5 (20425)	24.26	23.39	22.42	19.67
	12RB-High (13)	846.5 (20625)	23.12	22.23	21.23	18.79
		836.5 (20525)	23.36	22.30	21.37	18.66
		826.5 (20425)	23.23	22.26	21.38	18.66
	12RB-Middle (6)	846.5 (20625)	23.24	22.23	21.38	18.93
		836.5 (20525)	23.38	22.34	21.33	18.66
		826.5 (20425)	23.26	22.25	21.45	18.80
	12RB-Low (0)	846.5 (20625)	23.36	22.42	21.35	18.91
		836.5 (20525)	23.28	22.29	21.37	18.92
		826.5 (20425)	23.36	22.38	21.40	19.09
	25RB (0)	846.5 (20625)	23.22	22.32	21.31	18.99
		836.5 (20525)	23.31	22.29	21.40	18.59
		826.5 (20425)	23.30	22.27	21.37	18.70
10MHz	1RB-High (49)	844 (20600)	24.35	23.31	22.37	19.66
		836.5 (20525)	24.36	23.45	22.50	20.01
		829 (20450)	24.35	23.47	22.46	20.06
	1RB-Middle (24)	844 (20600)	24.26	23.33	22.47	19.92
		836.5 (20525)	24.44	23.47	22.44	19.84
		829 (20450)	24.34	23.41	22.50	19.98
	1RB-Low (0)	844 (20600)	24.36	23.41	22.45	20.14
		836.5 (20525)	24.36	23.46	22.47	19.89
		829 (20450)	24.34	23.40	22.50	19.91

	25RB-High (25)	844 (20600)	23.22	22.29	21.31	18.57
		836.5 (20525)	23.39	22.38	21.45	19.12
		829 (20450)	23.33	22.32	21.48	19.10
	25RB-Middle (12)	844 (20600)	23.30	22.30	21.41	18.61
		836.5 (20525)	23.47	22.36	21.41	18.86
		829 (20450)	23.32	22.35	21.49	18.62
	25RB-Low (0)	844 (20600)	23.41	22.45	21.45	18.79
		836.5 (20525)	23.33	22.34	21.43	18.91
		829 (20450)	23.39	22.39	21.45	19.09
	50RB (0)	844 (20600)	23.30	22.37	21.40	18.60
		836.5 (20525)	23.35	22.35	21.42	18.92
		829 (20450)	23.33	22.34	21.45	18.67

LTEB5- ANT0 DSI3

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (20643)	21.07	22.36	22.30	19.16
		836.5 (20525)	20.89	22.16	22.18	19.21
		824.7 (20407)	21.18	22.48	22.34	19.18
	1RB-Middle (3)	848.3 (20643)	21.11	22.33	22.29	19.25
		836.5 (20525)	20.91	22.32	22.12	19.30
		824.7 (20407)	21.16	22.46	22.34	19.22
	1RB-Low (0)	848.3 (20643)	21.05	22.53	22.31	19.19
		836.5 (20525)	20.90	22.31	22.11	19.14
		824.7 (20407)	21.29	22.44	22.39	19.17
	3RB-High (3)	848.3 (20643)	21.13	22.30	22.19	19.31
		836.5 (20525)	20.92	21.91	21.98	19.20
		824.7 (20407)	21.13	22.25	22.20	19.33
	3RB-Middle (1)	848.3 (20643)	21.11	22.21	22.25	19.11
		836.5 (20525)	20.87	21.98	21.96	19.27
		824.7 (20407)	21.10	22.14	22.19	19.12
	3RB-Low (0)	848.3 (20643)	21.16	22.29	22.28	19.28
		836.5 (20525)	20.88	21.97	21.97	19.20
		824.7 (20407)	21.13	22.23	22.16	19.24
	6RB (0)	848.3 (20643)	21.13	21.37	21.15	19.28

		836.5 (20525)	20.88	21.09	20.94	19.18
		824.7 (20407)	21.17	21.37	21.16	19.28
3MHz	1RB-High (14)	847.5 (20635)	21.06	22.31	22.34	19.28
		836.5 (20525)	20.92	22.14	22.10	19.30
		825.5 (20415)	21.18	22.38	22.27	19.20
	1RB-Middle (7)	847.5 (20635)	21.12	22.39	22.43	19.26
		836.5 (20525)	20.94	22.48	22.19	19.17
		825.5 (20415)	21.35	22.60	22.32	19.12
	1RB-Low (0)	847.5 (20635)	21.13	22.56	22.36	19.32
		836.5 (20525)	20.91	22.15	22.12	19.24
		825.5 (20415)	21.11	22.49	22.36	19.14
	8RB-High (7)	847.5 (20635)	21.12	21.34	21.21	19.15
		836.5 (20525)	20.92	21.08	20.99	19.18
		825.5 (20415)	21.17	21.33	21.19	19.25
	8RB-Middle (4)	847.5 (20635)	21.15	21.34	21.24	19.30
		836.5 (20525)	20.90	21.09	20.97	19.31
		825.5 (20415)	21.11	21.30	21.17	19.19
	8RB-Low (0)	847.5 (20635)	21.18	21.31	21.26	19.11
		836.5 (20525)	20.87	21.09	20.94	19.17
		825.5 (20415)	21.10	21.33	21.18	19.11
	15RB (0)	847.5 (20635)	21.14	21.28	21.18	19.32
		836.5 (20525)	20.90	21.12	20.91	19.30
		825.5 (20415)	21.12	21.37	21.18	19.24
5MHz	1RB-High (24)	846.5 (20625)	21.12	22.43	22.43	19.19
		836.5 (20525)	20.93	22.24	22.21	19.34
		826.5 (20425)	21.15	22.47	22.30	19.33
	1RB-Middle (12)	846.5 (20625)	21.18	22.48	22.45	19.25
		836.5 (20525)	21.15	22.40	22.25	19.18
		826.5 (20425)	21.17	22.44	22.40	19.12
	1RB-Low (0)	846.5 (20625)	21.15	22.49	22.44	19.30
		836.5 (20525)	20.93	22.23	22.14	19.22
		826.5 (20425)	21.18	22.56	22.36	19.20
	12RB-High (13)	846.5 (20625)	21.13	21.31	21.24	19.15
		836.5 (20525)	20.95	21.09	21.03	19.22
		826.5 (20425)	21.18	21.30	21.20	19.13

	12RB-Middle (6)	846.5 (20625)	21.16	21.37	21.28	19.28
		836.5 (20525)	20.92	21.08	20.99	19.19
		826.5 (20425)	21.18	21.26	21.23	19.17
	12RB-Low (0)	846.5 (20625)	21.18	21.37	21.28	19.22
		836.5 (20525)	20.95	21.07	21.00	19.23
		826.5 (20425)	21.18	21.32	21.25	19.24
	25RB (0)	846.5 (20625)	21.17	21.34	21.20	19.18
		836.5 (20525)	20.99	21.10	21.00	19.27
		826.5 (20425)	21.21	21.33	21.22	19.25
10MHz	1RB-High (49)	844 (20600)	21.12	21.28	21.14	19.16
		836.5 (20525)	21.10	21.24	21.21	19.24
		829 (20450)	21.25	21.46	21.33	19.32
	1RB-Middle (24)	844 (20600)	21.30	21.23	21.28	19.29
		836.5 (20525)	21.22	21.43	21.26	19.26
		829 (20450)	21.16	21.35	21.28	19.27
	1RB-Low (0)	844 (20600)	21.18	21.29	21.26	19.28
		836.5 (20525)	21.29	21.44	21.40	19.13
		829 (20450)	21.23	21.45	21.29	19.25
	25RB-High (25)	844 (20600)	21.04	21.03	21.04	19.27
		836.5 (20525)	21.17	21.18	21.18	19.16
		829 (20450)	21.25	21.23	21.19	19.11
	25RB-Middle (12)	844 (20600)	21.13	21.10	21.10	19.21
		836.5 (20525)	21.21	21.21	21.23	19.27
		829 (20450)	21.24	21.23	21.22	19.31
	25RB-Low (0)	844 (20600)	21.27	21.13	21.14	19.34
		836.5 (20525)	21.24	21.25	21.25	19.31
		829 (20450)	21.26	21.29	21.28	19.31
	50RB (0)	844 (20600)	21.14	21.11	21.12	19.12
		836.5 (20525)	21.24	21.24	21.21	19.11
		829 (20450)	21.27	21.26	21.26	19.29

LTEB7- ANT4 DSI0/1

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM

5MHz	1RB-High (24)	2567.5 (21425)	17.93	18.28	18.21	17.56
		2535 (21100)	17.55	17.81	17.78	17.62
		2502.5 (20775)	17.14	17.43	17.39	17.68
	1RB-Middle (12)	2567.5 (21425)	17.98	18.37	18.13	17.65
		2535 (21100)	17.48	17.78	17.77	17.59
		2502.5 (20775)	17.12	17.42	17.24	17.68
	1RB-Low (0)	2567.5 (21425)	17.83	18.10	18.08	17.56
		2535 (21100)	17.44	17.68	17.79	17.48
		2502.5 (20775)	17.02	17.35	17.18	17.56
	12RB-High (13)	2567.5 (21425)	17.90	18.00	17.98	17.53
		2535 (21100)	17.52	17.52	17.60	17.46
		2502.5 (20775)	17.13	17.11	17.19	17.46
	12RB-Middle (6)	2567.5 (21425)	17.92	17.94	17.98	17.60
		2535 (21100)	17.47	17.47	17.54	17.55
		2502.5 (20775)	17.08	17.10	17.14	17.45
	12RB-Low (0)	2567.5 (21425)	17.93	17.92	17.99	17.56
		2535 (21100)	17.49	17.52	17.54	17.49
		2502.5 (20775)	17.03	17.06	17.08	17.52
	25RB (0)	2567.5 (21425)	17.98	17.98	17.99	17.57
		2535 (21100)	17.54	17.53	17.51	17.50
		2502.5 (20775)	17.15	17.15	17.11	17.61
10MHz	1RB-High (49)	2565 (21400)	18.03	18.32	18.20	17.52
		2535 (21100)	17.59	17.89	17.88	17.66
		2505 (20800)	17.20	17.40	17.34	17.59
	1RB-Middle (24)	2565 (21400)	17.79	18.12	18.03	17.49
		2535 (21100)	17.39	17.68	17.55	17.49
		2505 (20800)	17.04	17.27	17.23	17.65
	1RB-Low (0)	2565 (21400)	17.77	17.93	17.91	17.50
		2535 (21100)	17.47	17.82	17.72	17.65
		2505 (20800)	16.99	17.26	17.21	17.48
	25RB-High (25)	2565 (21400)	17.95	17.90	17.90	17.63
		2535 (21100)	17.52	17.49	17.49	17.63
		2505 (20800)	17.15	17.16	17.16	17.66
	25RB-Middle (12)	2565 (21400)	17.82	17.84	17.84	17.63
		2535 (21100)	17.45	17.44	17.47	17.66

		2505 (20800)	17.06	17.04	17.09	17.61
	25RB-Low (0)	2565 (21400)	17.85	17.83	17.83	17.67
		2535 (21100)	17.42	17.45	17.43	17.49
		2505 (20800)	17.01	17.07	17.05	17.45
	50RB (0)	2565 (21400)	17.89	17.89	17.92	17.66
		2535 (21100)	17.49	17.45	17.51	17.59
		2505 (20800)	17.09	17.10	17.09	17.62
15MHz	1RB-High (74)	2562.5 (21375)	18.06	18.18	18.17	17.51
		2535 (21100)	17.49	17.73	17.68	17.53
		2507.5 (20825)	17.20	17.53	17.42	17.46
	1RB-Middle (37)	2562.5 (21375)	17.82	18.07	17.95	17.54
		2535 (21100)	17.52	17.76	17.71	17.49
		2507.5 (20825)	17.18	17.31	17.31	17.48
	1RB-Low (0)	2562.5 (21375)	17.74	18.05	17.97	17.64
		2535 (21100)	17.37	17.75	17.62	17.59
		2507.5 (20825)	17.05	17.42	17.28	17.49
	36RB-High (38)	2562.5 (21375)	17.90	17.87	17.90	17.46
		2535 (21100)	17.56	17.54	17.58	17.51
		2507.5 (20825)	17.15	17.17	17.20	17.48
	36RB-Middle (19)	2562.5 (21375)	17.81	17.78	17.82	17.45
		2535 (21100)	17.49	17.47	17.49	17.63
		2507.5 (20825)	17.18	17.17	17.17	17.62
	36RB-Low (0)	2562.5 (21375)	17.84	17.80	17.81	17.53
		2535 (21100)	17.47	17.46	17.47	17.46
		2507.5 (20825)	17.06	17.03	17.11	17.56
	75RB (0)	2562.5 (21375)	17.82	17.85	17.82	17.53
		2535 (21100)	17.52	17.55	17.52	17.62
		2507.5 (20825)	17.13	17.13	17.13	17.49
20MHz	1RB-High (99)	2560 (21350)	18.10	18.36	18.21	17.55
		2535 (21100)	17.62	17.82	17.77	17.57
		2510 (20850)	17.28	17.59	17.50	17.54
	1RB-Middle (50)	2560 (21350)	17.82	17.96	17.90	17.57
		2535 (21100)	17.50	17.87	17.64	17.55
		2510 (20850)	18.11	17.42	17.35	17.51
	1RB-Low (0)	2560 (21350)	17.74	18.03	17.83	17.59

		2535 (21100)	17.22	17.62	17.61	17.67
		2510 (20850)	17.13	17.26	17.20	17.53
	50RB-High (50)	2560 (21350)	17.96	17.83	17.82	17.57
		2535 (21100)	17.61	17.62	17.60	17.48
		2510 (20850)	17.97	17.23	17.23	17.58
	50RB-Middle (25)	2560 (21350)	17.85	17.85	17.83	17.45
		2535 (21100)	17.56	17.56	17.55	17.64
		2510 (20850)	17.24	17.24	17.27	17.50
	50RB-Low (0)	2560 (21350)	17.83	17.79	17.78	17.59
		2535 (21100)	17.51	17.51	17.50	17.68
		2510 (20850)	17.17	17.14	17.15	17.49
	100RB (0)	2560 (21350)	17.84	17.84	17.81	17.46
		2535 (21100)	17.53	17.53	17.57	17.66
		2510 (20850)	17.13	17.19	17.20	17.65

LTEB7- ANT4 DSI2

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	18.42	18.24	18.34	17.15
		2535 (21100)	18.64	18.28	18.48	17.04
		2502.5 (20775)	18.28	18.25	18.43	17.10
	1RB-Middle (12)	2567.5 (21425)	18.47	18.48	18.61	17.10
		2535 (21100)	18.56	18.35	18.55	17.14
		2502.5 (20775)	18.33	18.60	18.50	17.04
	1RB-Low (0)	2567.5 (21425)	18.23	18.28	18.46	17.05
		2535 (21100)	18.43	18.59	18.58	17.04
		2502.5 (20775)	18.27	18.57	18.36	17.13
	12RB-High (13)	2567.5 (21425)	18.57	18.56	18.67	17.06
		2535 (21100)	18.56	18.67	18.46	17.10
		2502.5 (20775)	18.47	18.47	18.26	17.15
	12RB-Middle (6)	2567.5 (21425)	18.64	18.41	18.37	17.03
		2535 (21100)	18.37	18.34	18.51	17.13
		2502.5 (20775)	18.35	18.47	18.45	17.04
	12RB-Low (0)	2567.5 (21425)	18.67	18.44	18.55	17.09

		2535 (21100)	18.57	18.69	18.33	17.06
		2502.5 (20775)	18.31	18.33	18.36	17.06
	25RB (0)	2567.5 (21425)	18.53	18.31	18.26	17.03
		2535 (21100)	18.69	18.50	18.29	17.11
		2502.5 (20775)	18.30	18.38	18.61	17.10
10MHz	1RB-High (49)	2565 (21400)	18.23	18.44	18.29	17.03
		2535 (21100)	18.27	18.65	18.47	17.11
		2505 (20800)	18.61	18.62	18.53	17.06
	1RB-Middle (24)	2565 (21400)	18.32	18.30	18.43	17.03
		2535 (21100)	18.59	18.64	18.57	17.14
		2505 (20800)	18.29	18.54	18.61	17.03
	1RB-Low (0)	2565 (21400)	18.28	18.22	18.42	17.12
		2535 (21100)	18.48	18.48	18.48	17.04
		2505 (20800)	18.55	18.26	18.59	17.10
	25RB-High (25)	2565 (21400)	18.40	18.58	18.28	17.14
		2535 (21100)	18.53	18.58	18.44	17.07
		2505 (20800)	18.35	18.45	18.55	17.09
	25RB-Middle (12)	2565 (21400)	18.46	18.33	18.29	17.05
		2535 (21100)	18.65	18.64	18.70	17.03
		2505 (20800)	18.52	18.44	18.20	17.04
	25RB-Low (0)	2565 (21400)	18.56	18.41	18.32	17.10
		2535 (21100)	18.28	18.33	18.47	17.09
		2505 (20800)	18.49	18.38	18.32	17.07
	50RB (0)	2565 (21400)	18.23	18.60	18.37	17.14
		2535 (21100)	18.50	18.50	18.26	17.08
		2505 (20800)	18.68	18.34	18.50	17.07
15MHz	1RB-High (74)	2562.5 (21375)	18.67	18.40	18.50	17.10
		2535 (21100)	18.37	18.40	18.55	17.05
		2507.5 (20825)	18.63	18.43	18.62	17.06
	1RB-Middle (37)	2562.5 (21375)	18.42	18.62	18.70	17.12
		2535 (21100)	18.62	18.38	18.22	17.13
		2507.5 (20825)	18.40	18.39	18.43	17.13
	1RB-Low (0)	2562.5 (21375)	18.63	18.48	18.54	17.06
		2535 (21100)	18.28	18.36	18.27	17.03
		2507.5 (20825)	18.24	18.58	18.21	17.05

	36RB-High (38)	2562.5 (21375)	18.31	18.30	18.56	17.08
		2535 (21100)	18.50	18.24	18.41	17.04
		2507.5 (20825)	18.70	18.20	18.20	17.03
	36RB-Middle (19)	2562.5 (21375)	18.28	18.44	18.30	17.06
		2535 (21100)	18.32	18.55	18.39	17.03
		2507.5 (20825)	18.24	18.44	18.42	17.13
	36RB-Low (0)	2562.5 (21375)	18.55	18.46	18.24	17.09
		2535 (21100)	18.41	18.62	18.59	17.09
		2507.5 (20825)	18.27	18.43	18.39	17.14
	75RB (0)	2562.5 (21375)	18.20	18.69	18.22	17.13
		2535 (21100)	18.62	18.61	18.66	17.08
		2507.5 (20825)	18.22	18.43	18.50	17.06
20MHz	1RB-High (99)	2560 (21350)	18.37	18.33	18.55	17.04
		2535 (21100)	18.43	18.32	18.53	17.13
		2510 (20850)	18.51	18.37	18.43	17.14
	1RB-Middle (50)	2560 (21350)	18.41	18.28	18.62	17.09
		2535 (21100)	18.36	18.34	18.20	17.10
		2510 (20850)	18.42	18.20	18.43	17.14
	1RB-Low (0)	2560 (21350)	18.49	18.40	18.58	17.15
		2535 (21100)	18.59	18.23	18.48	17.07
		2510 (20850)	18.94	18.49	18.44	17.04
	50RB-High (50)	2560 (21350)	18.24	18.64	18.63	17.09
		2535 (21100)	18.67	18.20	18.48	17.04
		2510 (20850)	18.24	18.29	18.26	17.15
	50RB-Middle (25)	2560 (21350)	18.20	18.59	18.64	17.06
		2535 (21100)	18.70	18.55	18.33	17.07
		2510 (20850)	18.77	18.21	18.43	17.15
	50RB-Low (0)	2560 (21350)	18.26	18.68	18.20	17.03
		2535 (21100)	18.33	18.27	18.64	17.03
		2510 (20850)	18.60	18.29	18.28	17.03
	100RB (0)	2560 (21350)	18.33	18.48	18.49	17.05
		2535 (21100)	18.59	18.54	18.31	17.13
		2510 (20850)	18.29	18.47	18.30	17.03

LTEB7- ANT3 DSI3

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	16.13	16.37	16.13	16.17
		2535 (21100)	16.32	16.21	16.22	16.22
		2502.5 (20775)	16.18	16.31	16.34	16.33
	1RB-Middle (12)	2567.5 (21425)	16.23	16.21	16.18	16.21
		2535 (21100)	16.28	16.24	16.25	16.27
		2502.5 (20775)	16.29	16.40	16.15	16.28
	1RB-Low (0)	2567.5 (21425)	16.31	16.12	16.29	16.30
		2535 (21100)	16.29	16.13	16.22	16.33
		2502.5 (20775)	16.38	16.18	16.11	16.15
	12RB-High (13)	2567.5 (21425)	16.24	16.11	16.40	16.21
		2535 (21100)	16.29	16.19	16.25	16.26
		2502.5 (20775)	16.10	16.14	16.29	16.31
	12RB-Middle (6)	2567.5 (21425)	16.19	16.17	16.28	16.34
		2535 (21100)	16.14	16.27	16.33	16.19
		2502.5 (20775)	16.22	16.28	16.36	16.18
	12RB-Low (0)	2567.5 (21425)	16.19	16.28	16.28	16.25
		2535 (21100)	16.36	16.36	16.11	16.25
		2502.5 (20775)	16.12	16.20	16.37	16.30
	25RB (0)	2567.5 (21425)	16.27	16.30	16.24	16.29
		2535 (21100)	16.21	16.29	16.18	16.29
		2502.5 (20775)	16.32	16.18	16.26	16.28
10MHz	1RB-High (49)	2565 (21400)	16.11	16.29	16.10	16.18
		2535 (21100)	16.28	16.11	16.30	16.21
		2505 (20800)	16.35	16.23	16.34	16.34
	1RB-Middle (24)	2565 (21400)	16.38	16.23	16.18	16.30
		2535 (21100)	16.14	16.20	16.37	16.24
		2505 (20800)	16.36	16.18	16.32	16.29
	1RB-Low (0)	2565 (21400)	16.29	16.38	16.26	16.10
		2535 (21100)	16.26	16.39	16.26	16.40
		2505 (20800)	16.31	16.34	16.16	16.26
	25RB-High (25)	2565 (21400)	16.31	16.38	16.20	16.10

		2535 (21100)	16.13	16.31	16.30	16.30
		2505 (20800)	16.40	16.37	16.12	16.19
	25RB-Middle (12)	2565 (21400)	16.10	16.20	16.22	16.33
		2535 (21100)	16.19	16.28	16.17	16.40
		2505 (20800)	16.25	16.10	16.29	16.38
	25RB-Low (0)	2565 (21400)	16.35	16.19	16.39	16.14
		2535 (21100)	16.30	16.33	16.36	16.13
		2505 (20800)	16.39	16.25	16.14	16.18
	50RB (0)	2565 (21400)	16.29	16.27	16.26	16.27
		2535 (21100)	16.11	16.17	16.37	16.28
		2505 (20800)	16.25	16.24	16.24	16.33
15MHz	1RB-High (74)	2562.5 (21375)	16.28	16.39	16.23	16.10
		2535 (21100)	16.25	16.35	16.28	16.25
		2507.5 (20825)	16.15	16.12	16.12	16.23
	1RB-Middle (37)	2562.5 (21375)	16.27	16.38	16.10	16.27
		2535 (21100)	16.19	16.25	16.15	16.12
		2507.5 (20825)	16.14	16.28	16.25	16.12
	1RB-Low (0)	2562.5 (21375)	16.18	16.10	16.32	16.11
		2535 (21100)	16.20	16.31	16.14	16.18
		2507.5 (20825)	16.14	16.10	16.38	16.33
	36RB-High (38)	2562.5 (21375)	16.19	16.34	16.21	16.23
		2535 (21100)	16.32	16.13	16.11	16.35
		2507.5 (20825)	16.27	16.29	16.21	16.16
	36RB-Middle (19)	2562.5 (21375)	16.24	16.27	16.16	16.21
		2535 (21100)	16.19	16.34	16.17	16.33
		2507.5 (20825)	16.37	16.25	16.28	16.17
	36RB-Low (0)	2562.5 (21375)	16.35	16.21	16.21	16.21
		2535 (21100)	16.40	16.37	16.21	16.18
		2507.5 (20825)	16.14	16.28	16.15	16.29
	75RB (0)	2562.5 (21375)	16.39	16.26	16.23	16.34
		2535 (21100)	16.39	16.13	16.40	16.24
		2507.5 (20825)	16.19	16.19	16.40	16.31
20MHz	1RB-High (99)	2560 (21350)	16.29	16.23	16.21	16.25
		2535 (21100)	16.17	16.25	16.40	16.13
		2510 (20850)	16.19	16.14	16.11	16.12

	1RB-Middle (50)	2560 (21350)	16.30	16.37	16.24	16.37
		2535 (21100)	16.32	16.15	16.14	16.36
		2510 (20850)	16.43	16.39	16.10	16.38
	1RB-Low (0)	2560 (21350)	16.40	16.38	16.24	16.14
		2535 (21100)	16.23	16.22	16.36	16.33
		2510 (20850)	16.40	16.29	16.40	16.26
	50RB-High (50)	2560 (21350)	16.31	16.15	16.20	16.22
		2535 (21100)	16.33	16.30	16.10	16.11
		2510 (20850)	16.38	16.38	16.18	16.36
	50RB-Middle (25)	2560 (21350)	16.31	16.35	16.34	16.24
		2535 (21100)	16.14	16.39	16.31	16.10
		2510 (20850)	16.34	16.36	16.27	16.22
	50RB-Low (0)	2560 (21350)	16.37	16.20	16.13	16.28
		2535 (21100)	16.21	16.21	16.35	16.39
		2510 (20850)	16.23	16.26	16.28	16.27
	100RB (0)	2560 (21350)	16.17	16.24	16.35	16.31
		2535 (21100)	16.37	16.19	16.14	16.34
		2510 (20850)	16.17	16.39	16.16	16.11

LTEB7- ANT3 DSI4

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	14.00	14.16	14.08	14.04
		2535 (21100)	14.17	14.05	14.00	14.10
		2502.5 (20775)	14.00	14.01	14.09	14.00
	1RB-Middle (12)	2567.5 (21425)	14.07	14.17	14.15	14.10
		2535 (21100)	14.00	14.08	14.17	14.01
		2502.5 (20775)	14.18	14.07	14.21	14.20
	1RB-Low (0)	2567.5 (21425)	14.13	14.06	14.18	14.14
		2535 (21100)	14.10	14.14	14.14	14.10
		2502.5 (20775)	14.06	14.14	14.09	14.13
	12RB-High (13)	2567.5 (21425)	14.08	14.12	14.07	14.11
		2535 (21100)	14.16	14.00	14.20	14.18
		2502.5 (20775)	14.06	14.20	14.06	14.09

	12RB-Middle (6)	2567.5 (21425)	14.20	14.18	14.02	14.14
		2535 (21100)	14.21	14.11	14.15	14.16
		2502.5 (20775)	14.08	14.10	14.20	14.02
	12RB-Low (0)	2567.5 (21425)	14.12	14.01	14.03	14.18
		2535 (21100)	14.09	14.20	14.11	14.15
		2502.5 (20775)	14.07	14.13	14.10	14.07
	25RB (0)	2567.5 (21425)	14.17	14.01	14.12	14.11
		2535 (21100)	14.11	14.15	14.20	14.04
		2502.5 (20775)	14.13	14.18	14.19	14.05
10MHz	1RB-High (49)	2565 (21400)	14.06	14.14	14.21	14.07
		2535 (21100)	14.09	14.20	14.04	14.04
		2505 (20800)	14.11	14.07	14.21	14.12
	1RB-Middle (24)	2565 (21400)	14.19	14.10	14.14	14.05
		2535 (21100)	14.04	14.00	14.01	14.00
		2505 (20800)	14.08	14.20	14.03	14.13
	1RB-Low (0)	2565 (21400)	14.18	14.00	14.11	14.05
		2535 (21100)	14.12	14.12	14.03	14.08
		2505 (20800)	14.04	14.07	14.10	14.07
	25RB-High (25)	2565 (21400)	14.03	14.21	14.10	14.17
		2535 (21100)	14.06	14.14	14.21	14.13
		2505 (20800)	14.21	14.11	14.15	14.13
	25RB-Middle (12)	2565 (21400)	14.17	14.07	14.16	14.18
		2535 (21100)	14.00	14.04	14.13	14.06
		2505 (20800)	14.16	14.08	14.18	14.18
	25RB-Low (0)	2565 (21400)	14.19	14.16	14.01	14.20
		2535 (21100)	14.07	14.11	14.00	14.05
		2505 (20800)	14.13	14.11	14.12	14.04
	50RB (0)	2565 (21400)	14.03	14.00	14.17	14.09
		2535 (21100)	14.15	14.07	14.01	14.11
		2505 (20800)	14.09	14.04	14.17	14.11
15MHz	1RB-High (74)	2562.5 (21375)	14.20	14.09	14.11	14.12
		2535 (21100)	14.14	14.09	14.15	14.09
		2507.5 (20825)	14.12	14.03	14.09	14.11
	1RB-Middle (37)	2562.5 (21375)	14.09	14.14	14.08	14.16
		2535 (21100)	14.18	14.01	14.01	14.12

		2507.5 (20825)	14.10	14.09	14.05	14.07
	1RB-Low (0)	2562.5 (21375)	14.02	14.08	14.16	14.21
		2535 (21100)	14.18	14.10	14.00	14.13
		2507.5 (20825)	14.06	14.03	14.12	14.01
	36RB-High (38)	2562.5 (21375)	14.20	14.12	14.13	14.03
		2535 (21100)	14.09	14.07	14.19	14.15
		2507.5 (20825)	14.14	14.02	14.21	14.13
	36RB-Middle (19)	2562.5 (21375)	14.20	14.13	14.16	14.12
		2535 (21100)	14.14	14.03	14.21	14.21
		2507.5 (20825)	14.11	14.20	14.15	14.15
	36RB-Low (0)	2562.5 (21375)	14.16	14.11	14.13	14.16
		2535 (21100)	14.02	14.01	14.12	14.03
		2507.5 (20825)	14.12	14.18	14.20	14.20
	75RB (0)	2562.5 (21375)	14.02	14.20	14.06	14.02
		2535 (21100)	14.06	14.00	14.10	14.15
		2507.5 (20825)	14.00	14.21	14.09	14.03
20MHz	1RB-High (99)	2560 (21350)	14.14	14.20	14.16	14.01
		2535 (21100)	14.03	14.10	14.11	14.18
		2510 (20850)	14.09	14.04	14.12	14.11
	1RB-Middle (50)	2560 (21350)	14.06	14.13	14.10	14.07
		2535 (21100)	14.17	14.20	14.20	14.14
		2510 (20850)	14.19	14.19	14.19	14.07
	1RB-Low (0)	2560 (21350)	14.01	14.13	14.06	14.13
		2535 (21100)	14.10	14.19	14.02	14.00
		2510 (20850)	14.16	14.20	14.11	14.00
	50RB-High (50)	2560 (21350)	14.12	14.19	14.11	14.15
		2535 (21100)	14.13	14.01	14.17	14.09
		2510 (20850)	14.17	14.18	14.07	14.06
	50RB-Middle (25)	2560 (21350)	14.09	14.02	14.09	14.11
		2535 (21100)	14.01	14.00	14.11	14.05
		2510 (20850)	14.12	14.12	14.21	14.01
	50RB-Low (0)	2560 (21350)	14.07	14.08	14.20	14.15
		2535 (21100)	14.13	14.05	14.11	14.17
		2510 (20850)	14.01	14.00	14.18	14.10
	100RB (0)	2560 (21350)	14.04	14.02	14.07	14.10
		2535 (21100)	14.05	14.16	14.15	14.08

		2510 (20850)	14.00	14.12	14.15	14.21

LTEB7- ANT3 DSI5

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	15.19	15.13	15.16	15.02
		2535 (21100)	15.18	15.01	15.06	15.06
		2502.5 (20775)	15.06	15.11	15.04	15.04
	1RB-Middle (12)	2567.5 (21425)	15.16	15.08	15.08	15.18
		2535 (21100)	15.02	15.21	15.00	15.08
		2502.5 (20775)	15.10	15.06	15.16	15.19
	1RB-Low (0)	2567.5 (21425)	15.21	15.08	15.11	15.13
		2535 (21100)	15.20	15.19	15.20	15.17
		2502.5 (20775)	15.10	15.00	15.07	15.01
	12RB-High (13)	2567.5 (21425)	15.18	15.05	15.08	15.09
		2535 (21100)	15.16	15.10	15.12	15.08
		2502.5 (20775)	15.08	15.14	15.01	15.18
	12RB-Middle (6)	2567.5 (21425)	15.10	15.07	15.13	15.21
		2535 (21100)	15.13	15.09	15.06	15.16
		2502.5 (20775)	15.00	15.03	15.01	15.13
	12RB-Low (0)	2567.5 (21425)	15.06	15.18	15.00	15.19
		2535 (21100)	15.17	15.10	15.16	15.15
		2502.5 (20775)	15.10	15.04	15.18	15.00
	25RB (0)	2567.5 (21425)	15.02	15.05	15.04	15.02
		2535 (21100)	15.20	15.19	15.10	15.03
		2502.5 (20775)	15.10	15.02	15.09	15.00
10MHz	1RB-High (49)	2565 (21400)	15.18	15.21	15.15	15.12
		2535 (21100)	15.08	15.07	15.04	15.12
		2505 (20800)	15.02	15.17	15.14	15.09
	1RB-Middle (24)	2565 (21400)	15.09	15.01	15.03	15.02
		2535 (21100)	15.18	15.10	15.07	15.03
		2505 (20800)	15.00	15.19	15.15	15.05
	1RB-Low (0)	2565 (21400)	15.02	15.12	15.11	15.18

		2535 (21100)	15.12	15.08	15.12	15.12
		2505 (20800)	15.19	15.05	15.10	15.01
	25RB-High (25)	2565 (21400)	15.05	15.01	15.06	15.04
		2535 (21100)	15.21	15.11	15.15	15.12
		2505 (20800)	15.16	15.13	15.06	15.20
	25RB-Middle (12)	2565 (21400)	15.12	15.08	15.15	15.03
		2535 (21100)	15.05	15.00	15.16	15.00
		2505 (20800)	15.19	15.04	15.05	15.08
	25RB-Low (0)	2565 (21400)	15.13	15.10	15.00	15.07
		2535 (21100)	15.15	15.14	15.10	15.06
		2505 (20800)	15.10	15.00	15.00	15.06
	50RB (0)	2565 (21400)	15.00	15.07	15.18	15.21
		2535 (21100)	15.13	15.17	15.20	15.02
		2505 (20800)	15.17	15.05	15.06	15.13
15MHz	1RB-High (74)	2562.5 (21375)	15.10	15.06	15.09	15.01
		2535 (21100)	15.19	15.10	15.18	15.21
		2507.5 (20825)	15.20	15.05	15.07	15.05
	1RB-Middle (37)	2562.5 (21375)	15.04	15.00	15.14	15.17
		2535 (21100)	15.17	15.15	15.10	15.21
		2507.5 (20825)	15.02	15.04	15.10	15.09
	1RB-Low (0)	2562.5 (21375)	15.05	15.08	15.15	15.21
		2535 (21100)	15.09	15.01	15.09	15.02
		2507.5 (20825)	15.12	15.06	15.18	15.17
	36RB-High (38)	2562.5 (21375)	15.15	15.19	15.15	15.07
		2535 (21100)	15.09	15.15	15.19	15.17
		2507.5 (20825)	15.13	15.05	15.06	15.07
	36RB-Middle (19)	2562.5 (21375)	15.12	15.13	15.08	15.14
		2535 (21100)	15.16	15.05	15.20	15.10
		2507.5 (20825)	15.20	15.19	15.08	15.13
	36RB-Low (0)	2562.5 (21375)	15.04	15.13	15.07	15.13
		2535 (21100)	15.05	15.16	15.12	15.02
		2507.5 (20825)	15.06	15.04	15.09	15.10
	75RB (0)	2562.5 (21375)	15.05	15.03	15.17	15.03
		2535 (21100)	15.10	15.08	15.14	15.17
		2507.5 (20825)	15.03	15.08	15.06	15.15

20MHz	1RB-High (99)	2560 (21350)	15.17	15.11	15.20	15.14
		2535 (21100)	15.14	15.01	15.01	15.00
		2510 (20850)	15.12	15.17	15.16	15.03
	1RB-Middle (50)	2560 (21350)	15.10	15.04	15.02	15.12
		2535 (21100)	15.16	15.18	15.19	15.11
		2510 (20850)	15.23	15.05	15.02	15.16
	1RB-Low (0)	2560 (21350)	15.06	15.09	15.01	15.18
		2535 (21100)	15.18	15.01	15.12	15.05
		2510 (20850)	15.01	15.21	15.19	15.07
	50RB-High (50)	2560 (21350)	15.16	15.16	15.18	15.07
		2535 (21100)	15.13	15.08	15.04	15.00
		2510 (20850)	15.06	15.21	15.10	15.13
	50RB-Middle (25)	2560 (21350)	15.11	15.20	15.09	15.07
		2535 (21100)	15.01	15.06	15.08	15.14
		2510 (20850)	15.19	15.07	15.14	15.18
	50RB-Low (0)	2560 (21350)	15.03	15.10	15.15	15.05
		2535 (21100)	15.15	15.05	15.10	15.00
		2510 (20850)	15.16	15.13	15.11	15.19
	100RB (0)	2560 (21350)	15.07	15.07	15.01	15.17
		2535 (21100)	15.03	15.06	15.16	15.18
		2510 (20850)	15.05	15.03	15.05	15.11

LTEB12- ANT0 DSI0

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	23.03	23.34	22.29	19.14
		707.5 (23095)	22.83	23.14	22.17	19.31
		699.7 (23017)	23.15	23.47	22.33	19.20
	1RB-Middle (3)	715.3 (23173)	23.07	23.31	22.28	19.25
		707.5 (23095)	22.85	23.30	22.11	19.31
		699.7 (23017)	23.12	23.45	22.33	19.17
	1RB-Low (0)	715.3 (23173)	23.00	23.52	22.30	19.22
		707.5 (23095)	22.84	23.29	22.10	19.12
		699.7 (23017)	23.27	23.43	22.38	19.32

	3RB-High (3)	715.3 (23173)	23.09	23.28	22.18	19.22
		707.5 (23095)	22.86	22.87	21.97	19.11
		699.7 (23017)	23.09	23.23	22.19	19.26
	3RB-Middle (1)	715.3 (23173)	23.07	23.19	22.24	19.16
		707.5 (23095)	22.81	22.94	21.95	19.12
		699.7 (23017)	23.06	23.12	22.18	19.29
	3RB-Low (0)	715.3 (23173)	23.12	23.27	22.27	19.22
		707.5 (23095)	22.82	22.93	21.96	19.25
		699.7 (23017)	23.09	23.21	22.15	19.25
	6RB (0)	715.3 (23173)	23.09	22.31	21.14	19.16
		707.5 (23095)	22.82	22.01	20.93	19.12
		699.7 (23017)	23.13	22.31	21.15	19.12
3MHz	1RB-High (14)	714.5 (23165)	23.02	23.29	22.33	19.13
		707.5 (23095)	22.86	23.12	22.09	19.11
		700.5 (23025)	23.15	23.37	22.26	19.25
	1RB-Middle (7)	714.5 (23165)	23.08	23.38	22.42	19.31
		707.5 (23095)	22.88	23.47	22.18	19.23
		700.5 (23025)	23.33	23.59	22.31	19.28
	1RB-Low (0)	714.5 (23165)	23.09	23.55	22.35	19.11
		707.5 (23095)	22.85	23.13	22.11	19.22
		700.5 (23025)	23.07	23.48	22.35	19.20
	8RB-High (7)	714.5 (23165)	23.08	22.28	21.20	19.29
		707.5 (23095)	22.86	22.00	20.98	19.21
		700.5 (23025)	23.13	22.27	21.18	19.17
	8RB-Middle (4)	714.5 (23165)	23.11	22.28	21.23	19.24
		707.5 (23095)	22.84	22.01	20.96	19.21
		700.5 (23025)	23.07	22.24	21.16	19.23
	8RB-Low (0)	714.5 (23165)	23.14	22.25	21.25	19.18
		707.5 (23095)	22.81	22.01	20.93	19.20
		700.5 (23025)	23.06	22.27	21.17	19.31
	15RB (0)	714.5 (23165)	23.10	22.22	21.17	19.18
		707.5 (23095)	22.84	22.04	20.90	19.26
		700.5 (23025)	23.08	22.31	21.17	19.21
5MHz	1RB-High (24)	713.5 (23155)	23.08	23.42	22.42	19.26
		707.5 (23095)	22.87	23.22	22.20	19.21

		701.5 (23035)	23.11	23.46	22.29	19.32
	1RB-Middle (12)	713.5 (23155)	23.14	23.47	22.44	19.28
		707.5 (23095)	23.11	23.39	22.24	19.21
		701.5 (23035)	23.13	23.43	22.39	19.19
	1RB-Low (0)	713.5 (23155)	23.11	23.48	22.43	19.30
		707.5 (23095)	22.87	23.21	22.13	19.32
		701.5 (23035)	23.15	23.55	22.35	19.23
	12RB-High (13)	713.5 (23155)	23.09	22.25	21.23	19.12
		707.5 (23095)	22.89	22.01	21.02	19.21
		701.5 (23035)	23.15	22.24	21.19	19.29
	12RB-Middle (6)	713.5 (23155)	23.12	22.31	21.27	19.26
		707.5 (23095)	22.86	22.00	20.98	19.31
		701.5 (23035)	23.14	22.20	21.22	19.24
	12RB-Low (0)	713.5 (23155)	23.14	22.31	21.27	19.22
		707.5 (23095)	22.90	21.99	20.99	19.21
		701.5 (23035)	23.14	22.26	21.24	19.27
	25RB (0)	713.5 (23155)	23.13	22.28	21.19	19.17
		707.5 (23095)	22.94	22.02	20.99	19.30
		701.5 (23035)	23.18	22.27	21.21	19.15
10MHz	1RB-High (49)	711 (23130)	23.08	23.42	22.42	19.26
		707.5 (23095)	23.18	23.46	22.53	19.30
		704 (23060)	23.16	23.34	22.38	19.23
	1RB-Middle (24)	711 (23130)	23.13	23.23	22.32	19.31
		707.5 (23095)	23.18	23.37	22.33	19.13
		704 (23060)	23.13	23.22	22.33	19.18
	1RB-Low (0)	711 (23130)		23.32	22.44	19.28
		707.5 (23095)	23.09	23.36	22.36	19.17
		704 (23060)	23.20	23.31	22.36	19.25
	25RB-High (25)	711 (23130)	23.15	22.26	21.24	19.18
		707.5 (23095)	23.26	22.31	21.28	19.11
		704 (23060)	23.19	22.29	21.21	19.20
	25RB-Middle (12)	711 (23130)	23.19	22.28	21.29	19.23
		707.5 (23095)	23.23	22.26	21.24	19.16
		704 (23060)	23.27	22.28	21.25	19.13
	25RB-Low (0)	711 (23130)	23.23	22.25	21.26	19.14
		707.5 (23095)	23.22	22.33	21.28	19.27

		704 (23060)	23.23	22.32	21.30	19.23
	50RB (0)	711 (23130)	23.15	22.23	21.24	19.29
		707.5 (23095)	23.23	22.28	21.23	19.12
		704 (23060)	23.21	22.31	21.28	19.31

LTEB12- ANT0 DSI1/2/4/5

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	24.35	23.33	22.36	19.75
		707.5 (23095)	24.41	23.34	22.28	19.79
		699.7 (23017)	24.42	23.39	22.35	19.69
	1RB-Middle (3)	715.3 (23173)	24.38	23.39	22.27	19.80
		707.5 (23095)	24.40	23.27	22.26	19.82
		699.7 (23017)	24.38	23.40	22.40	19.77
	1RB-Low (0)	715.3 (23173)	24.40	23.28	22.31	19.69
		707.5 (23095)	24.34	23.40	22.33	19.72
		699.7 (23017)	24.35	23.31	22.36	19.67
	3RB-High (3)	715.3 (23173)	23.44	22.26	21.47	18.77
		707.5 (23095)	23.26	22.35	21.31	18.69
		699.7 (23017)	23.35	22.39	21.40	18.62
	3RB-Middle (1)	715.3 (23173)	23.44	22.37	21.39	18.80
		707.5 (23095)	23.39	22.46	21.41	18.82
		699.7 (23017)	23.32	22.39	21.46	18.75
	3RB-Low (0)	715.3 (23173)	23.33	22.33	21.46	18.77
		707.5 (23095)	23.38	22.36	21.45	18.83
		699.7 (23017)	23.41	22.37	21.44	18.73
	6RB (0)	715.3 (23173)	23.39	22.39	21.48	18.81
		707.5 (23095)	23.44	22.41	21.42	18.80
		699.7 (23017)	23.43	22.39	21.37	18.88
3MHz	1RB-High (14)	714.5 (23165)	24.37	23.31	22.36	19.71
		707.5 (23095)	24.41	23.36	22.34	19.80
		700.5 (23025)	24.41	23.36	22.43	19.72
	1RB-Middle (7)	714.5 (23165)	24.36	23.36	22.29	19.81
		707.5 (23095)	24.43	23.23	22.33	19.83
		700.5 (23025)	24.37	23.38	22.42	19.72
	1RB-Low (0)	714.5 (23165)	24.39	23.32	22.24	19.84

		707.5 (23095)	24.36	23.44	22.27	19.67
		700.5 (23025)	24.39	23.34	22.35	19.74
	8RB-High (7)	714.5 (23165)	23.37	22.26	21.47	18.80
		707.5 (23095)	23.23	22.34	21.32	18.55
		700.5 (23025)	23.36	22.41	21.41	18.64
	8RB-Middle (4)	714.5 (23165)	23.45	22.43	21.42	18.84
		707.5 (23095)	23.43	22.48	21.49	18.82
		700.5 (23025)	23.37	22.31	21.48	18.65
	8RB-Low (0)	714.5 (23165)	23.42	22.33	21.40	18.81
		707.5 (23095)	23.41	22.43	21.43	18.83
		700.5 (23025)	23.41	22.39	21.43	18.69
	15RB (0)	714.5 (23165)	23.35	22.37	21.43	18.78
		707.5 (23095)	23.44	22.43	21.42	18.84
		700.5 (23025)	23.37	22.40	21.38	18.78
5MHz	1RB-High (24)	713.5 (23155)	24.30	23.39	22.31	19.70
		707.5 (23095)	24.40	23.34	22.28	19.67
		701.5 (23035)	24.38	23.36	22.41	19.76
	1RB-Middle (12)	713.5 (23155)	24.41	23.37	22.28	19.69
		707.5 (23095)	24.45	23.31	22.28	19.81
		701.5 (23035)	24.37	23.37	22.44	19.67
	1RB-Low (0)	713.5 (23155)	24.34	23.28	22.32	19.73
		707.5 (23095)	24.38	23.42	22.36	19.69
		701.5 (23035)	24.34	23.34	22.35	19.75
	12RB-High (13)	713.5 (23155)	23.43	22.28	21.46	18.71
		707.5 (23095)	23.23	22.38	21.38	18.53
		701.5 (23035)	23.35	22.43	21.35	18.69
	12RB-Middle (6)	713.5 (23155)	23.42	22.39	21.39	18.71
		707.5 (23095)	23.47	22.47	21.47	18.84
		701.5 (23035)	23.35	22.40	21.46	18.63
	12RB-Low (0)	713.5 (23155)	23.38	22.29	21.42	18.70
		707.5 (23095)	23.40	22.44	21.40	18.69
		701.5 (23035)	23.33	22.39	21.38	18.67
	25RB (0)	713.5 (23155)	23.37	22.36	21.44	18.64
		707.5 (23095)	23.43	22.42	21.45	18.71
		701.5 (23035)	23.39	22.35	21.40	18.82
10MHz	1RB-High (49)	711 (23130)	24.39	23.41	22.41	19.77
		707.5 (23095)	24.42	23.42	22.37	19.76
		704 (23060)	24.44	23.45	22.45	19.77

	1RB-Middle (24)	711 (23130)	24.45	23.44	22.32	19.79
		707.5 (23095)	24.46	23.33	22.35	19.73
		704 (23060)	24.45	23.46	22.45	19.78
	1RB-Low (0)	711 (23130)	24.43	23.35	22.34	19.86
		707.5 (23095)	24.42	23.47	22.37	19.86
		704 (23060)	24.41	23.41	22.39	19.69
	25RB-High (25)	711 (23130)	23.45	22.33	21.49	18.79
		707.5 (23095)	23.32	22.43	21.41	18.67
		704 (23060)	23.45	22.49	21.45	18.81
	25RB-Middle (12)	711 (23130)	23.48	22.45	21.45	18.75
		707.5 (23095)	23.49	22.50	21.50	18.78
		704 (23060)	23.42	22.41	21.49	18.77
	25RB-Low (0)	711 (23130)	23.43	22.35	21.50	18.87
		707.5 (23095)	23.48	22.46	21.50	18.84
		704 (23060)	23.42	22.44	21.46	18.83
	50RB (0)	711 (23130)	23.45	22.41	21.49	18.86
		707.5 (23095)	23.45	22.50	21.47	18.84
		704 (23060)	23.46	22.43	21.43	18.79

LTEB12- ANT0 DSI3

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	21.20	21.32	21.07	19.19
		707.5 (23095)	21.02	21.13	20.95	19.30
		699.7 (23017)	21.31	21.44	21.10	19.13
	1RB-Middle (3)	715.3 (23173)	21.24	21.29	21.06	19.31
		707.5 (23095)	21.04	21.28	20.89	19.14
		699.7 (23017)	21.29	21.42	21.10	19.19
	1RB-Low (0)	715.3 (23173)	21.18	21.48	21.08	19.28
		707.5 (23095)	21.03	21.27	20.88	19.26
		699.7 (23017)	21.43	21.40	21.15	19.18
	3RB-High (3)	715.3 (23173)	21.26	21.26	20.96	19.21
		707.5 (23095)	21.05	20.89	20.76	19.11
		699.7 (23017)	21.26	21.21	20.97	19.14
	3RB-Middle (1)	715.3 (23173)	21.24	21.18	21.02	19.18
		707.5 (23095)	21.00	20.96	20.74	19.32

		699.7 (23017)	21.23	21.11	20.96	19.16
	3RB-Low (0)	715.3 (23173)	21.29	21.25	21.05	19.31
		707.5 (23095)	21.01	20.95	20.75	19.12
		699.7 (23017)	21.26	21.20	20.93	19.17
	6RB (0)	715.3 (23173)	21.26	20.37	19.98	19.27
		707.5 (23095)	21.01	20.11	19.78	19.13
		699.7 (23017)	21.30	20.37	19.99	19.27
3MHz	1RB-High (14)	714.5 (23165)	21.19	21.27	21.10	19.17
		707.5 (23095)	21.05	21.11	20.88	19.30
		700.5 (23025)	21.31	21.34	21.04	19.28
	1RB-Middle (7)	714.5 (23165)	21.25	21.35	21.19	19.25
		707.5 (23095)	21.06	21.44	20.96	19.23
		700.5 (23025)	21.48	21.55	21.09	19.25
	1RB-Low (0)	714.5 (23165)	21.26	21.51	21.12	19.26
		707.5 (23095)	21.04	21.12	20.89	19.15
		700.5 (23025)	21.24	21.45	21.12	19.15
	8RB-High (7)	714.5 (23165)	21.25	20.35	20.04	19.16
		707.5 (23095)	21.05	20.10	19.83	19.22
		700.5 (23025)	21.30	20.34	20.02	19.21
	8RB-Middle (4)	714.5 (23165)	21.28	20.35	20.06	19.16
		707.5 (23095)	21.03	20.11	19.81	19.31
		700.5 (23025)	21.24	20.31	20.00	19.29
	8RB-Low (0)	714.5 (23165)	21.31	20.32	20.08	19.17
		707.5 (23095)	21.00	20.11	19.78	19.30
		700.5 (23025)	21.23	20.34	20.01	19.16
	15RB (0)	714.5 (23165)	21.27	20.29	20.01	19.14
		707.5 (23095)	21.03	20.13	19.75	19.32
		700.5 (23025)	21.25	20.37	20.01	19.15
5MHz	1RB-High (24)	713.5 (23155)	21.25	21.39	21.19	19.26
		707.5 (23095)	21.06	21.21	20.98	19.16
		701.5 (23035)	21.28	21.43	21.07	19.31
	1RB-Middle (12)	713.5 (23155)	21.31	21.44	21.21	19.31
		707.5 (23095)	21.28	21.36	21.02	19.29
		701.5 (23035)	21.30	21.40	21.16	19.23
	1RB-Low (0)	713.5 (23155)	21.28	21.45	21.20	19.30

		707.5 (23095)	21.06	21.20	20.91	19.28
		701.5 (23035)	21.31	21.51	21.12	19.25
	12RB-High (13)	713.5 (23155)	21.26	20.32	20.06	19.16
		707.5 (23095)	21.07	20.11	19.86	19.17
		701.5 (23035)	21.31	20.31	20.03	19.22
	12RB-Middle (6)	713.5 (23155)	21.29	20.37	20.10	19.28
		707.5 (23095)	21.05	20.10	19.83	19.20
		701.5 (23035)	21.31	20.27	20.05	19.32
	12RB-Low (0)	713.5 (23155)	21.31	20.37	20.10	19.30
		707.5 (23095)	21.08	20.09	19.83	19.17
		701.5 (23035)	21.31	20.33	20.07	19.15
	25RB (0)	713.5 (23155)	21.30	20.35	20.03	19.23
		707.5 (23095)	21.12	20.12	19.83	19.32
		701.5 (23035)	21.34	20.34	20.04	19.17
10MHz	1RB-High (49)	711 (23130)	21.25	21.39	21.29	19.30
		707.5 (23095)	21.25	21.45	21.37	19.19
		704 (23060)	21.28	21.48	21.31	19.18
	1RB-Middle (24)	711 (23130)	21.29	21.41	21.44	19.17
		707.5 (23095)	21.27	21.41	21.36	19.29
		704 (23060)	21.28	21.41	21.40	19.14
	1RB-Low (0)	711 (23130)	21.28	21.46	21.40	19.21
		707.5 (23095)	21.28	21.50	21.40	19.27
		704 (23060)	21.30	21.48	21.39	19.23
	25RB-High (25)	711 (23130)	21.26	21.26	21.28	19.28
		707.5 (23095)	21.26	21.30	21.28	19.12
		704 (23060)	21.26	21.28	21.27	19.21
	25RB-Middle (12)	711 (23130)	21.29	21.30	21.30	19.27
		707.5 (23095)	21.26	21.29	21.25	19.13
		704 (23060)	21.34	21.29	21.24	19.24
	25RB-Low (0)	711 (23130)	21.27	21.30	21.29	19.20
		707.5 (23095)	21.27	21.29	21.24	19.25
		704 (23060)	21.33	21.34	21.33	19.24
	50RB (0)	711 (23130)	21.26	21.27	21.25	19.21
		707.5 (23095)	21.28	21.27	21.25	19.15
		704 (23060)	21.30	21.28	21.30	19.12

LTEB13- ANT0 DSI0/1/2/4/5

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	23.96	23.26	22.12	19.32
		782 (23230)	24.10	23.27	22.27	19.49
		779.5 (23205)	24.02	23.22	22.23	19.43
	1RB-Middle (12)	784.5 (23255)	23.05	22.13	21.03	18.34
		782 (23230)	22.97	22.04	21.05	18.39
		779.5 (23205)	23.02	22.04	20.99	18.32
	1RB-Low (0)	784.5 (23255)	22.97	22.02	20.99	18.26
		782 (23230)	23.88	23.27	22.19	19.28
		779.5 (23205)	24.06	23.33	22.28	19.39
	12RB-High (13)	784.5 (23255)	23.02	22.20	21.22	18.31
		782 (23230)	23.03	22.10	21.03	18.37
		779.5 (23205)	23.01	22.08	21.06	18.44
	12RB-Middle (6)	784.5 (23255)	22.98	21.99	20.96	18.39
		782 (23230)	22.96	22.01	21.04	18.40
		779.5 (23205)	22.89	22.26	21.15	18.26
	12RB-Low (0)	784.5 (23255)	23.05	22.31	21.27	18.34
		782 (23230)	23.04	22.15	21.21	18.36
		779.5 (23205)	23.05	22.05	21.12	18.35
	25RB (0)	784.5 (23255)	23.05	22.01	21.02	18.32
		782 (23230)	22.97	21.99	20.99	18.31
		779.5 (23205)	22.96	22.03	21.05	18.36
10MHz	1RB-High (49)	782 (23230)	23.98	23.35	22.21	19.38
	1RB-Middle (24)	782 (23230)	24.12	23.37	22.30	19.51
	1RB-Low (0)	782 (23230)	24.07	23.25	22.26	19.42
	25RB-High (25)	782 (23230)	23.07	22.14	21.13	18.46
	25RB-Middle (12)	782 (23230)	23.07	22.09	21.11	18.42
	25RB-Low (0)	782 (23230)	23.06	22.06	21.02	18.34
	50RB (0)	782 (23230)	23.06	22.08	21.07	18.49

LTEB13- ANT0 DSI3

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	21.19	21.40	21.37	19.11
		782 (23230)	21.15	21.45	21.42	19.18
		779.5 (23205)	21.21	21.51	21.39	19.28
	1RB-Middle (12)	784.5 (23255)	21.17	21.54	21.34	19.28
		782 (23230)	21.25	21.45	21.43	19.16
		779.5 (23205)	21.15	21.34	21.36	19.14
	1RB-Low (0)	784.5 (23255)	21.18	21.56	21.39	19.21
		782 (23230)	21.15	21.32	21.39	19.23
		779.5 (23205)	21.14	21.48	21.22	19.24
	12RB-High (13)	784.5 (23255)	21.24	21.21	21.28	19.18
		782 (23230)	21.18	21.20	21.23	19.22
		779.5 (23205)	21.16	21.21	21.22	19.28
	12RB-Middle (6)	784.5 (23255)	21.23	21.20	21.26	19.25
		782 (23230)	21.21	21.22	21.22	19.13
		779.5 (23205)	21.20	21.19	21.21	19.24
	12RB-Low (0)	784.5 (23255)	21.20	21.20	21.27	19.14
		782 (23230)	21.21	21.22	21.23	19.16
		779.5 (23205)	21.10	21.11	21.12	19.14
	25RB (0)	784.5 (23255)	21.21	21.21	21.21	19.25
		782 (23230)	21.20	21.22	21.21	19.22
		779.5 (23205)	21.17	21.16	21.16	19.19
10MHz	1RB-High (49)	782 (23230)	21.17	21.30	21.22	19.09
	1RB-Middle (24)	782 (23230)	21.18	21.40	21.18	19.12
	1RB-Low (0)	782 (23230)	21.13	21.35	21.24	19.21
	25RB-High (25)	782 (23230)	21.19	21.20	21.19	19.13
	25RB-Middle (12)	782 (23230)	21.17	21.19	21.17	19.12
	25RB-Low (0)	782 (23230)	21.11	21.13	21.12	19.22
	50RB (0)	782 (23230)	21.19	21.17	21.15	19.18

LTEB25- ANT2 DSI0

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	17.93	18.22	18.10	18.16
		1882.5 (26365)	17.92	18.19	18.09	18.02
		1850.7 (26047)	17.87	18.06	17.98	18.03
	1RB-Middle (3)	1914.3 (26683)	18.01	18.09	18.06	18.19
		1882.5 (26365)	17.90	18.09	18.07	18.06
		1850.7 (26047)	17.85	18.13	17.96	18.03
	1RB-Low (0)	1914.3 (26683)	17.96	18.14	18.13	18.06
		1882.5 (26365)	17.92	18.18	18.06	18.28
		1850.7 (26047)	17.87	18.01	18.03	18.28
	3RB-High (3)	1914.3 (26683)	17.96	17.97	18.05	18.25
		1882.5 (26365)	17.92	17.85	17.92	18.35
		1850.7 (26047)	17.89	17.79	17.89	18.19
	3RB-Middle (1)	1914.3 (26683)	17.99	17.90	17.99	18.22
		1882.5 (26365)	17.93	17.89	17.90	18.28
		1850.7 (26047)	17.89	17.85	17.92	18.24
	3RB-Low (0)	1914.3 (26683)	17.98	17.94	18.05	18.12
		1882.5 (26365)	17.95	17.94	18.00	18.22
		1850.7 (26047)	17.85	17.82	17.96	18.06
	6RB (0)	1914.3 (26683)	17.96	18.02	17.88	18.04
		1882.5 (26365)	17.88	17.97	17.89	18.15
		1850.7 (26047)	17.88	17.95	17.85	18.06
3MHz	1RB-High (14)	1913.5 (26675)	17.93	18.13	18.18	18.14
		1882.5 (26365)	17.91	18.20	18.11	18.05
		1851.5 (26055)	17.87	18.12	18.00	18.06
	1RB-Middle (7)	1913.5 (26675)	17.99	18.19	18.09	18.18
		1882.5 (26365)	17.87	18.23	18.06	18.05
		1851.5 (26055)	17.88	18.07	18.05	18.07
	1RB-Low (0)	1913.5 (26675)	17.96	18.26	18.15	18.19
		1882.5 (26365)	17.87	18.10	18.06	18.18
		1851.5 (26055)	17.82	18.12	17.96	18.19
	8RB-High (7)	1913.5 (26675)	18.02	18.02	18.05	18.16

		1882.5 (26365)	17.90	17.96	17.93	18.18
		1851.5 (26055)	17.89	17.96	17.94	18.10
	8RB-Middle (4)	1913.5 (26675)	18.03	18.05	18.03	18.17
		1882.5 (26365)	17.89	17.96	17.93	18.18
		1851.5 (26055)	17.87	17.95	17.91	18.19
	8RB-Low (0)	1913.5 (26675)	18.05	18.04	18.09	18.18
		1882.5 (26365)	17.91	17.92	17.92	18.01
		1851.5 (26055)	17.88	17.92	17.89	18.04
	15RB (0)	1913.5 (26675)	17.99	18.05	18.02	18.21
		1882.5 (26365)	17.88	17.91	17.92	18.06
		1851.5 (26055)	17.87	17.91	17.84	18.08
5MHz	1RB-High (24)	1912.5 (26665)	17.98	18.16	18.11	18.07
		1882.5 (26365)	17.96	18.17	18.20	18.06
		1852.5 (26065)	17.94	18.28	18.16	18.03
	1RB-Middle (12)	1912.5 (26665)	18.03	18.28	18.20	18.01
		1882.5 (26365)	17.97	18.29	18.03	18.02
		1852.5 (26065)	17.95	18.19	18.10	18.16
	1RB-Low (0)	1912.5 (26665)	18.08	18.35	18.28	18.32
		1882.5 (26365)	17.96	18.16	18.10	18.24
		1852.5 (26065)	17.90	18.09	18.07	18.10
	12RB-High (13)	1912.5 (26665)	18.04	18.08	18.08	18.33
		1882.5 (26365)	17.93	17.95	17.96	18.24
		1852.5 (26065)	17.92	17.94	17.92	18.10
	12RB-Middle (6)	1912.5 (26665)	18.08	18.07	18.12	18.29
		1882.5 (26365)	17.95	17.97	17.94	18.23
		1852.5 (26065)	17.94	17.94	17.92	18.20
	12RB-Low (0)	1912.5 (26665)	18.10	18.12	18.11	18.17
		1882.5 (26365)	17.96	17.94	17.99	18.09
		1852.5 (26065)	17.90	17.93	17.92	18.08
	25RB (0)	1912.5 (26665)	18.08	18.07	18.05	18.19
		1882.5 (26365)	17.97	17.94	17.93	18.10
		1852.5 (26065)	17.96	17.94	17.90	18.04
10MHz	1RB-High (49)	1910 (26640)	18.00	18.33	18.20	18.03
		1882.5 (26365)	17.97	18.24	18.14	18.01
		1855 (26090)	17.96	18.29	18.18	18.17

	1RB-Middle (24)	1910 (26640)	18.04	18.33	18.15	18.04
		1882.5 (26365)	17.95	18.19	18.11	18.00
		1855 (26090)	17.89	18.14	18.03	18.22
	1RB-Low (0)	1910 (26640)	18.03	18.24	18.22	18.31
		1882.5 (26365)	17.97	18.20	18.08	18.25
		1855 (26090)	17.90	18.24	17.99	18.17
	25RB-High (25)	1910 (26640)	18.04	17.99	18.05	18.30
		1882.5 (26365)	17.93	17.91	17.92	18.22
		1855 (26090)	17.92	17.90	17.92	18.22
	25RB-Middle (12)	1910 (26640)	18.07	18.07	18.07	18.37
		1882.5 (26365)	17.91	17.89	17.88	18.21
		1855 (26090)	17.91	17.91	17.92	18.18
	25RB-Low (0)	1910 (26640)	18.09	18.07	18.09	18.19
		1882.5 (26365)	17.93	17.90	17.89	18.10
		1855 (26090)	17.89	17.88	17.90	18.05
	50RB (0)	1910 (26640)	18.06	18.07	18.06	18.24
		1882.5 (26365)	17.93	17.91	17.90	18.08
		1855 (26090)	17.94	17.93	17.92	18.06
15MHz	1RB-High (74)	1907.5 (26615)	18.00	18.22	18.20	18.10
		1882.5 (26365)	17.96	18.20	18.08	18.05
		1857.5 (26115)	17.95	18.26	18.11	18.17
	1RB-Middle (37)	1907.5 (26615)	18.10	18.33	18.19	18.06
		1882.5 (26365)	17.96	18.28	18.04	18.03
		1857.5 (26115)	17.96	18.20	18.18	18.26
	1RB-Low (0)	1907.5 (26615)	17.99	18.23	18.10	18.25
		1882.5 (26365)	17.96	18.26	18.08	18.28
		1857.5 (26115)	17.92	18.21	18.08	18.20
	36RB-High (38)	1907.5 (26615)	18.09	18.04	18.05	18.36
		1882.5 (26365)	17.96	17.94	17.93	18.21
		1857.5 (26115)	17.96	17.90	17.93	18.20
	36RB-Middle (19)	1907.5 (26615)	18.10	18.07	18.07	18.33
		1882.5 (26365)	17.96	17.90	17.93	18.18
		1857.5 (26115)	17.96	17.92	17.95	18.20
	36RB-Low (0)	1907.5 (26615)	18.07	18.01	18.07	18.13
		1882.5 (26365)	17.95	17.89	17.94	18.03
		1857.5 (26115)	17.94	17.91	17.93	18.04

	75RB (0)	1907.5 (26615)	18.06	18.06	18.05	18.17
		1882.5 (26365)	17.97	17.95	17.92	18.01
		1857.5 (26115)	17.97	17.94	17.92	18.02
20MHz	1RB-High (99)	1905 (26590)	18.06	18.25	18.20	18.19
		1882.5 (26365)	18.10	18.24	18.18	18.02
		1860 (26140)	18.03	18.22	18.13	18.01
	1RB-Middle (50)	1905 (26590)	18.10	18.31	18.26	18.20
		1882.5 (26365)	18.11	18.24	18.22	18.00
		1860 (26140)	18.03	18.25	18.21	18.01
	1RB-Low (0)	1905 (26590)	18.07	18.26	18.14	18.01
		1882.5 (26365)	18.03	18.16	18.22	18.23
		1860 (26140)	18.00	18.16	18.08	18.29
	50RB-High (50)	1905 (26590)	18.17	18.17	18.16	18.20
		1882.5 (26365)	18.07	18.11	18.11	18.44
		1860 (26140)	18.06	18.07	18.04	18.27
	50RB-Middle (25)	1905 (26590)	18.16	18.14	18.17	18.27
		1882.5 (26365)	18.05	18.09	18.06	18.32
		1860 (26140)	18.10	18.10	18.07	18.26
	50RB-Low (0)	1905 (26590)	18.12	18.11	18.09	18.17
		1882.5 (26365)	18.18	18.06	18.09	18.17
		1860 (26140)	18.08	18.09	18.07	18.06
	100RB (0)	1905 (26590)	18.12	18.15	18.16	18.04
		1882.5 (26365)	18.04	18.06	18.11	18.22
		1860 (26140)	18.06	18.08	18.09	18.08

LTEB25- ANT2 DSI1

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	21.06	20.93	21.04	18.16
		1882.5 (26365)	21.14	21.42	21.22	18.16
		1850.7 (26047)	21.47	21.23	21.06	18.08
	1RB-Middle (3)	1914.3 (26683)	20.88	21.25	21.07	18.11
		1882.5 (26365)	21.40	20.92	21.16	18.31
		1850.7 (26047)	21.44	20.90	20.98	18.34

	1RB-Low (0)	1914.3 (26683)	21.38	20.91	20.91	18.09
		1882.5 (26365)	21.22	21.01	21.01	18.37
		1850.7 (26047)	21.11	21.44	20.96	18.31
	3RB-High (3)	1914.3 (26683)	20.99	20.98	21.05	18.11
		1882.5 (26365)	20.94	21.01	21.28	18.11
		1850.7 (26047)	21.10	21.48	21.36	18.23
	3RB-Middle (1)	1914.3 (26683)	20.88	21.48	20.98	18.42
		1882.5 (26365)	21.17	21.01	21.20	18.21
		1850.7 (26047)	21.28	21.06	21.08	18.32
	3RB-Low (0)	1914.3 (26683)	21.04	21.36	21.26	18.24
		1882.5 (26365)	21.44	21.48	21.04	18.28
		1850.7 (26047)	21.11	21.01	21.34	18.27
	6RB (0)	1914.3 (26683)	21.18	21.38	21.18	18.10
		1882.5 (26365)	21.31	21.18	21.45	18.36
		1850.7 (26047)	20.93	21.39	20.89	18.34
3MHz	1RB-High (14)	1913.5 (26675)	21.43	21.18	21.09	18.24
		1882.5 (26365)	20.90	21.37	21.02	18.38
		1851.5 (26055)	21.30	20.98	21.05	18.25
	1RB-Middle (7)	1913.5 (26675)	21.23	21.08	20.99	18.12
		1882.5 (26365)	21.01	21.14	21.36	18.32
		1851.5 (26055)	21.31	21.05	21.21	18.07
	1RB-Low (0)	1913.5 (26675)	20.97	21.20	21.14	18.05
		1882.5 (26365)	21.23	20.96	21.24	18.35
		1851.5 (26055)	20.96	21.26	21.06	18.28
	8RB-High (7)	1913.5 (26675)	21.18	21.13	21.26	18.10
		1882.5 (26365)	20.91	21.19	20.96	18.32
		1851.5 (26055)	21.24	20.92	21.21	18.40
	8RB-Middle (4)	1913.5 (26675)	21.28	21.31	21.16	18.36
		1882.5 (26365)	21.10	21.06	21.21	18.35
		1851.5 (26055)	21.34	21.46	20.92	18.42
	8RB-Low (0)	1913.5 (26675)	21.39	21.19	21.50	18.18
		1882.5 (26365)	21.25	21.04	21.04	18.11
		1851.5 (26055)	21.11	21.49	21.19	18.06
	15RB (0)	1913.5 (26675)	21.11	21.50	21.15	18.34
		1882.5 (26365)	21.01	21.50	21.44	18.40
		1851.5 (26055)	21.42	21.01	21.28	18.17

5MHz	1RB-High (24)	1912.5 (26665)	21.08	21.45	20.94	18.08
		1882.5 (26365)	21.06	21.34	20.96	18.27
		1852.5 (26065)	21.18	21.05	21.36	18.18
	1RB-Middle (12)	1912.5 (26665)	21.08	21.35	20.93	18.42
		1882.5 (26365)	20.91	21.19	21.27	18.22
		1852.5 (26065)	21.10	21.34	21.22	18.29
	1RB-Low (0)	1912.5 (26665)	21.04	21.04	21.37	18.16
		1882.5 (26365)	21.42	20.95	21.45	18.04
		1852.5 (26065)	20.93	21.29	21.43	18.23
	12RB-High (13)	1912.5 (26665)	21.06	21.49	21.33	18.29
		1882.5 (26365)	21.40	21.14	21.47	18.06
		1852.5 (26065)	21.34	21.14	21.05	18.09
	12RB-Middle (6)	1912.5 (26665)	20.94	21.28	21.47	18.14
		1882.5 (26365)	21.32	21.13	21.16	18.05
		1852.5 (26065)	21.00	21.06	21.10	18.28
	12RB-Low (0)	1912.5 (26665)	21.50	20.92	20.99	18.41
		1882.5 (26365)	21.03	20.94	21.24	18.12
		1852.5 (26065)	20.99	21.44	20.89	18.16
	25RB (0)	1912.5 (26665)	21.30	20.90	21.40	18.38
		1882.5 (26365)	21.22	21.18	21.43	18.03
		1852.5 (26065)	20.94	21.48	20.98	18.33
10MHz	1RB-High (49)	1910 (26640)	21.46	21.20	20.98	18.14
		1882.5 (26365)	21.40	21.42	21.42	18.38
		1855 (26090)	21.46	20.93	21.24	18.30
	1RB-Middle (24)	1910 (26640)	21.18	21.18	21.46	18.01
		1882.5 (26365)	20.97	21.10	21.42	18.15
		1855 (26090)	20.96	21.06	21.31	18.20
	1RB-Low (0)	1910 (26640)	21.32	21.00	21.09	18.16
		1882.5 (26365)	21.39	21.47	21.03	18.13
		1855 (26090)	21.09	21.03	21.33	18.20
	25RB-High (25)	1910 (26640)	20.92	21.43	20.97	18.24
		1882.5 (26365)	21.21	20.88	21.27	18.20
		1855 (26090)	21.34	20.95	21.06	18.26
	25RB-Middle (12)	1910 (26640)	21.07	21.41	21.21	18.28
		1882.5 (26365)	20.91	21.46	21.46	18.40

		1855 (26090)	20.89	21.00	21.00	18.18
	25RB-Low (0)	1910 (26640)	21.34	21.48	21.38	18.18
		1882.5 (26365)	21.45	21.42	21.03	18.02
		1855 (26090)	21.40	21.15	20.91	18.30
	50RB (0)	1910 (26640)	21.48	21.29	21.07	18.19
		1882.5 (26365)	21.30	21.04	21.15	18.34
		1855 (26090)	21.45	21.32	21.02	18.14
15MHz	1RB-High (74)	1907.5 (26615)	20.94	21.48	21.30	18.27
		1882.5 (26365)	20.92	21.43	20.99	18.35
		1857.5 (26115)	21.41	21.46	21.03	18.30
	1RB-Middle (37)	1907.5 (26615)	21.36	21.36	21.04	18.21
		1882.5 (26365)	21.39	21.05	21.49	18.13
		1857.5 (26115)	21.47	21.36	21.49	18.39
	1RB-Low (0)	1907.5 (26615)	21.28	21.19	21.24	18.27
		1882.5 (26365)	21.20	21.40	21.19	18.15
		1857.5 (26115)	20.99	20.99	21.15	18.20
	36RB-High (38)	1907.5 (26615)	20.95	20.98	21.44	18.20
		1882.5 (26365)	21.43	20.91	21.36	18.11
		1857.5 (26115)	21.47	21.03	21.20	18.30
	36RB-Middle (19)	1907.5 (26615)	21.02	20.98	21.09	18.29
		1882.5 (26365)	21.17	20.91	21.10	18.09
		1857.5 (26115)	20.96	21.46	20.93	18.32
	36RB-Low (0)	1907.5 (26615)	21.12	21.21	20.94	18.05
		1882.5 (26365)	21.28	21.19	21.20	18.39
		1857.5 (26115)	20.96	21.23	21.35	18.41
	75RB (0)	1907.5 (26615)	21.37	21.32	20.99	18.10
		1882.5 (26365)	21.14	21.10	20.92	18.10
		1857.5 (26115)	21.01	21.05	20.95	18.09
20MHz	1RB-High (99)	1905 (26590)	21.35	21.26	21.47	18.20
		1882.5 (26365)	21.42	21.47	21.50	18.26
		1860 (26140)	21.10	21.20	20.96	18.23
	1RB-Middle (50)	1905 (26590)	21.43	21.39	21.38	18.00
		1882.5 (26365)	21.55	21.25	21.44	18.29
		1860 (26140)	21.09	21.03	21.17	18.14
	1RB-Low (0)	1905 (26590)	21.24	20.89	21.25	18.09

		1882.5 (26365)	21.50	21.26	20.88	18.21
		1860 (26140)	20.94	21.17	21.09	18.10
	50RB-High (50)	1905 (26590)	21.06	21.09	21.21	18.06
		1882.5 (26365)	21.56	21.49	21.24	18.07
		1860 (26140)	21.31	21.25	20.94	18.24
	50RB-Middle (25)	1905 (26590)	21.45	21.22	21.32	18.33
		1882.5 (26365)	21.32	20.93	21.37	18.23
		1860 (26140)	20.89	20.90	21.38	18.33
	50RB-Low (0)	1905 (26590)	21.13	21.29	21.23	18.32
		1882.5 (26365)	21.42	21.14	21.39	18.40
		1860 (26140)	21.34	21.07	20.99	18.34
	100RB (0)	1905 (26590)	21.05	21.08	21.16	18.23
		1882.5 (26365)	21.09	20.99	20.95	18.25
		1860 (26140)	21.38	21.14	21.10	18.38

LTEB25- ANT2 DSI2

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	23.07	23.07	22.15	18.16
		1882.5 (26365)	22.97	23.22	22.15	17.99
		1850.7 (26047)	22.85	23.11	22.03	17.98
	1RB-Middle (3)	1914.3 (26683)	22.91	23.32	22.16	18.17
		1882.5 (26365)	22.95	23.30	22.15	17.97
		1850.7 (26047)	22.89	23.18	22.07	17.98
	1RB-Low (0)	1914.3 (26683)	23.08	23.28	22.09	17.98
		1882.5 (26365)	22.98	23.23	22.08	18.20
		1850.7 (26047)	22.86	23.12	22.01	18.26
	3RB-High (3)	1914.3 (26683)	23.17	23.06	22.12	18.17
		1882.5 (26365)	22.98	22.89	22.07	18.41
		1850.7 (26047)	22.89	22.89	21.97	18.24
	3RB-Middle (1)	1914.3 (26683)	23.10	23.07	22.11	18.24
		1882.5 (26365)	22.98	22.95	21.98	18.29
		1850.7 (26047)	22.86	22.85	21.91	18.23
	3RB-Low (0)	1914.3 (26683)	23.00	23.07	22.18	18.14
		1882.5 (26365)	22.99	22.93	22.01	18.14

		1850.7 (26047)	22.86	22.82	21.93	18.03
	6RB (0)	1914.3 (26683)	23.12	22.14	21.04	18.01
		1882.5 (26365)	22.97	22.06	20.99	18.19
		1850.7 (26047)	22.88	21.98	20.83	18.05
3MHz	1RB-High (14)	1913.5 (26675)	23.07	23.28	22.13	18.13
		1882.5 (26365)	23.02	23.16	22.17	17.99
		1851.5 (26055)	22.83	23.15	22.05	18.00
	1RB-Middle (7)	1913.5 (26675)	23.16	23.07	22.20	18.16
		1882.5 (26365)	22.96	23.25	22.18	18.03
		1851.5 (26055)	22.86	23.18	22.07	18.00
	1RB-Low (0)	1913.5 (26675)	23.05	23.23	22.21	18.03
		1882.5 (26365)	22.95	23.22	22.16	18.25
		1851.5 (26055)	22.93	23.24	22.05	18.25
	8RB-High (7)	1913.5 (26675)	23.09	22.09	21.13	18.22
		1882.5 (26365)	22.96	22.01	21.00	18.32
		1851.5 (26055)	22.89	21.92	20.89	18.16
	8RB-Middle (4)	1913.5 (26675)	23.08	22.14	21.14	18.19
		1882.5 (26365)	22.99	21.97	21.05	18.25
		1851.5 (26055)	22.89	21.89	20.93	18.21
	8RB-Low (0)	1913.5 (26675)	23.07	22.14	21.10	18.09
		1882.5 (26365)	23.00	21.99	21.04	18.19
		1851.5 (26055)	22.91	21.94	20.94	18.03
	15RB (0)	1913.5 (26675)	23.06	22.10	21.05	18.01
		1882.5 (26365)	22.94	22.00	20.97	18.12
		1851.5 (26055)	22.84	21.92	20.86	18.03
5MHz	1RB-High (24)	1912.5 (26665)	23.11	23.43	22.24	18.11
		1882.5 (26365)	23.01	23.22	22.19	18.02
		1852.5 (26065)	22.92	23.14	22.06	18.03
	1RB-Middle (12)	1912.5 (26665)	23.06	23.21	22.30	18.15
		1882.5 (26365)	23.08	23.42	22.21	18.02
		1852.5 (26065)	22.99	23.11	22.07	18.04
	1RB-Low (0)	1912.5 (26665)	23.05	23.35	22.19	18.16
		1882.5 (26365)	23.02	23.27	22.21	18.15
		1852.5 (26065)	22.93	23.10	22.20	18.16
	12RB-High (13)	1912.5 (26665)	23.10	22.10	21.16	18.13

		1882.5 (26365)	23.05	22.02	21.05	18.15
		1852.5 (26065)	22.89	21.90	20.88	18.07
	12RB-Middle (6)	1912.5 (26665)	23.13	22.16	21.17	18.14
		1882.5 (26365)	23.04	22.06	21.04	18.15
		1852.5 (26065)	22.90	21.86	20.91	18.16
	12RB-Low (0)	1912.5 (26665)	23.10	22.18	21.19	18.15
		1882.5 (26365)	23.03	22.06	21.05	17.98
		1852.5 (26065)	22.93	21.94	20.95	18.01
	25RB (0)	1912.5 (26665)	23.13	22.15	21.11	18.18
		1882.5 (26365)	23.05	22.02	21.02	18.03
		1852.5 (26065)	22.92	21.94	20.86	18.05
10MHz	1RB-High (49)	1910 (26640)	23.14	23.38	22.30	18.04
		1882.5 (26365)	23.06	23.36	22.21	18.03
		1855 (26090)	22.94	23.20	22.09	18.00
	1RB-Middle (24)	1910 (26640)	23.01	23.32	22.23	17.98
		1882.5 (26365)	23.00	23.13	22.15	17.99
		1855 (26090)	22.86	23.17	22.06	18.13
	1RB-Low (0)	1910 (26640)	23.07	23.31	22.19	18.29
		1882.5 (26365)	23.04	23.29	22.23	18.21
		1855 (26090)	22.97	23.11	22.14	18.07
	25RB-High (25)	1910 (26640)	23.09	22.07	21.07	18.30
		1882.5 (26365)	23.02	22.01	20.97	18.21
		1855 (26090)	22.93	21.90	20.90	18.07
	25RB-Middle (12)	1910 (26640)	23.08	22.09	21.08	18.26
		1882.5 (26365)	23.00	21.98	20.91	18.20
		1855 (26090)	22.92	21.90	20.87	18.17
	25RB-Low (0)	1910 (26640)	23.09	22.07	21.08	18.14
		1882.5 (26365)	23.01	22.01	20.98	18.06
		1855 (26090)	22.91	21.89	20.86	18.05
	50RB (0)	1910 (26640)	23.08	22.10	21.03	18.16
		1882.5 (26365)	23.02	21.99	20.99	18.07
		1855 (26090)	22.90	21.91	20.87	18.01
15MHz	1RB-High (74)	1907.5 (26615)	23.10	23.15	22.22	18.00
		1882.5 (26365)	23.06	23.22	22.29	17.98
		1857.5 (26115)	22.98	23.21	22.11	18.14

	1RB-Middle (37)	1907.5 (26615)	23.11	23.21	22.34	18.01
		1882.5 (26365)	23.05	23.30	22.23	17.97
		1857.5 (26115)	22.90	23.10	22.06	18.19
	1RB-Low (0)	1907.5 (26615)	23.03	23.21	22.22	18.28
		1882.5 (26365)	23.00	23.24	22.20	18.22
		1857.5 (26115)	23.00	23.28	22.22	18.14
	36RB-High (38)	1907.5 (26615)	23.11	22.09	21.13	18.27
		1882.5 (26365)	23.03	22.05	21.05	18.19
		1857.5 (26115)	22.97	21.93	20.95	18.19
	36RB-Middle (19)	1907.5 (26615)	23.09	22.08	21.09	18.34
		1882.5 (26365)	23.02	22.02	21.01	18.18
		1857.5 (26115)	22.91	21.93	20.91	18.15
	36RB-Low (0)	1907.5 (26615)	23.10	22.08	21.11	18.16
		1882.5 (26365)	23.01	21.98	21.02	18.07
		1857.5 (26115)	22.92	21.88	20.90	18.02
	75RB (0)	1907.5 (26615)	23.08	22.13	21.10	18.21
		1882.5 (26365)	23.03	22.01	21.00	18.05
		1857.5 (26115)	22.93	21.94	20.92	18.03
20MHz	1RB-High (99)	1905 (26590)	23.17	23.45	22.23	18.07
		1882.5 (26365)	23.10	23.34	22.20	18.02
		1860 (26140)	22.96	23.20	22.16	18.14
	1RB-Middle (50)	1905 (26590)	23.01	23.29	22.24	18.03
		1882.5 (26365)	23.18	23.29	22.25	18.00
		1860 (26140)	22.93	23.24	22.14	18.23
	1RB-Low (0)	1905 (26590)	23.02	23.23	22.23	18.22
		1882.5 (26365)	23.01	23.28	22.13	18.25
		1860 (26140)	22.92	23.23	22.15	18.17
	50RB-High (50)	1905 (26590)	23.11	22.11	21.08	18.33
		1882.5 (26365)	23.04	22.03	21.04	18.18
		1860 (26140)	22.96	21.94	20.93	18.17
	50RB-Middle (25)	1905 (26590)	23.07	22.06	21.09	18.30
		1882.5 (26365)	23.12	22.03	21.06	18.15
		1860 (26140)	22.98	21.99	20.96	18.17
	50RB-Low (0)	1905 (26590)	23.07	22.04	21.06	18.10
		1882.5 (26365)	23.04	22.02	21.00	18.00
		1860 (26140)	22.97	21.94	20.94	18.01

	100RB (0)	1905 (26590)	23.06	22.09	21.09	18.14
		1882.5 (26365)	23.05	22.04	21.05	17.98
		1860 (26140)	22.97	21.96	20.97	17.99

LTEB26- ANT0 DSI0

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	23.03	23.17	21.87	19.18
		831.5 (26865)	22.83	22.97	21.75	19.15
		814.7 (26697)	23.15	23.30	21.90	19.24
	1RB-Middle (3)	848.3 (27033)	23.07	23.14	21.86	19.26
		831.5 (26865)	22.85	23.13	21.68	19.31
		814.7 (26697)	23.12	23.28	21.90	19.31
	1RB-Low (0)	848.3 (27033)	23.00	23.35	21.88	19.14
		831.5 (26865)	22.84	23.12	21.67	19.30
		814.7 (26697)	23.28	23.26	21.95	19.32
	3RB-High (3)	848.3 (27033)	23.09	23.11	21.76	19.12
		831.5 (26865)	22.86	22.71	21.55	19.18
		814.7 (26697)	23.09	23.05	21.77	19.15
	3RB-Middle (1)	848.3 (27033)	23.07	23.02	21.82	19.13
		831.5 (26865)	22.81	22.78	21.53	19.28
		814.7 (26697)	23.06	22.95	21.76	19.32
	3RB-Low (0)	848.3 (27033)	23.12	23.10	21.85	19.26
		831.5 (26865)	22.82	22.77	21.54	19.28
		814.7 (26697)	23.09	23.04	21.73	19.33
	6RB (0)	848.3 (27033)	23.09	22.14	20.74	19.18
		831.5 (26865)	22.82	21.86	20.53	19.31
		814.7 (26697)	23.13	22.14	20.75	19.28
3MHz	1RB-High (14)	847.5 (27025)	23.01	23.12	21.90	19.22
		831.5 (26865)	22.86	22.95	21.67	19.16
		815.5 (26705)	23.15	23.20	21.84	19.33
	1RB-Middle (7)	847.5 (27025)	23.08	23.21	22.00	19.27
		831.5 (26865)	22.87	23.30	21.76	19.16
		815.5 (26705)	23.33	23.42	21.89	19.17

	1RB-Low (0)	847.5 (27025)	23.09	23.38	21.92	19.13
		831.5 (26865)	22.85	22.96	21.68	19.11
		815.5 (26705)	23.07	23.32	21.92	19.29
	8RB-High (7)	847.5 (27025)	23.08	22.12	20.80	19.29
		831.5 (26865)	22.86	21.85	20.58	19.13
		815.5 (26705)	23.13	22.11	20.78	19.22
	8RB-Middle (4)	847.5 (27025)	23.11	22.12	20.82	19.30
		831.5 (26865)	22.84	21.86	20.56	19.19
		815.5 (26705)	23.07	22.08	20.76	19.15
	8RB-Low (0)	847.5 (27025)	23.15	22.09	20.84	19.26
		831.5 (26865)	22.81	21.86	20.53	19.30
		815.5 (26705)	23.06	22.11	20.77	19.22
	15RB (0)	847.5 (27025)	23.10	22.05	20.77	19.33
		831.5 (26865)	22.84	21.88	20.50	19.31
		815.5 (26705)	23.08	22.14	20.77	19.24
5MHz	1RB-High (24)	846.5 (27015)	23.08	23.25	22.00	19.14
		831.5 (26865)	22.87	23.05	21.78	19.13
		816.5 (26715)	23.11	23.29	21.87	19.21
	1RB-Middle (12)	846.5 (27015)	23.15	23.30	22.02	19.28
		831.5 (26865)	23.11	23.22	21.82	19.21
		816.5 (26715)	23.13	23.26	21.97	19.24
	1RB-Low (0)	846.5 (27015)	23.11	23.32	22.01	19.26
		831.5 (26865)	22.87	23.04	21.71	19.30
		816.5 (26715)	23.15	23.38	21.92	19.31
	12RB-High (13)	846.5 (27015)	23.09	22.09	20.82	19.32
		831.5 (26865)	22.88	21.86	20.62	19.23
		816.5 (26715)	23.15	22.08	20.79	19.17
	12RB-Middle (6)	846.5 (27015)	23.12	22.14	20.86	19.15
		831.5 (26865)	22.86	21.85	20.58	19.14
		816.5 (26715)	23.15	22.03	20.81	19.32
	12RB-Low (0)	846.5 (27015)	23.15	22.14	20.86	19.26
		831.5 (26865)	22.90	21.84	20.58	19.29
		816.5 (26715)	23.15	22.10	20.83	19.28
	25RB (0)	846.5 (27015)	23.13	22.12	20.79	19.29
		831.5 (26865)	22.94	21.87	20.58	19.18
		816.5 (26715)	23.18	22.11	20.80	19.26

10MHz	1RB-High (49)	844 (26990)	23.08	23.25	22.10	19.14
		831.5 (26865)	23.08	23.32	22.18	19.32
		820 (26750)	23.11	23.35	22.12	19.23
	1RB-Middle (24)	844 (26990)	23.12	23.27	22.26	19.25
		831.5 (26865)	23.10	23.27	22.17	19.28
		820 (26750)	23.11	23.27	22.21	19.21
	1RB-Low (0)	844 (26990)	23.11	23.33	22.21	19.31
		831.5 (26865)	23.11	23.37	22.21	19.25
		820 (26750)	23.13	23.35	22.20	19.18
	25RB-High (25)	844 (26990)	23.09	23.11	22.09	19.33
		831.5 (26865)	23.09	23.15	22.09	19.27
		820 (26750)	23.09	23.13	22.08	19.15
	25RB-Middle (12)	844 (26990)	23.12	23.15	22.11	19.13
		831.5 (26865)	23.09	23.14	22.06	19.18
		820 (26750)	23.09	23.14	22.05	19.25
	25RB-Low (0)	844 (26990)	23.10	23.15	22.10	19.26
		831.5 (26865)	23.10	23.14	22.05	19.32
		820 (26750)	23.17	23.20	22.14	19.25
	50RB (0)	844 (26990)	23.09	23.12	22.06	19.11
		831.5 (26865)	23.11	23.12	22.06	19.22
		820 (26750)	23.13	23.13	22.11	19.21
15MHz	1RB-High (74)	841.5 (26965)	23.08	23.25	22.10	19.28
		831.5 (26865)	23.14	23.30	22.25	19.26
		822.5 (26775)	23.01	23.22	22.18	19.24
	1RB-Middle (37)	841.5 (26965)	23.24	23.50	22.31	19.22
		831.5 (26865)	23.10	23.35	22.13	19.26
		822.5 (26775)	23.16	23.34	22.17	19.19
	1RB-Low (0)	841.5 (26965)	23.23	23.20	22.18	19.20
		831.5 (26865)	23.11	23.40	22.22	19.16
		822.5 (26775)	23.15	23.39	22.19	19.11
	36RB-High (38)	841.5 (26965)	23.17	22.13	21.17	19.34
		831.5 (26865)	23.14	22.10	21.17	19.31
		822.5 (26775)	23.11	22.13	21.21	19.32
	36RB-Middle (19)	841.5 (26965)	23.19	22.16	21.18	19.11
		831.5 (26865)	23.05	22.08	21.19	19.29

		822.5 (26775)	23.10	22.10	21.19	19.24
	36RB-Low (0)	841.5 (26965)	23.20	22.17	21.16	19.29
		831.5 (26865)	23.08	22.12	21.22	19.29
		822.5 (26775)	23.17	22.21	21.19	19.31
	75RB (0)	841.5 (26965)	23.22	22.20	21.21	19.30
		831.5 (26865)	23.11	22.10	21.19	19.18
		822.5 (26775)	23.14	22.14	21.25	19.12

LTEB26- ANT0 DSI1/2

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	24.17	23.11	22.24	19.47
		831.5 (26865)	24.25	23.31	22.37	19.56
		814.7 (26697)	24.16	23.11	22.28	19.60
	1RB-Middle (3)	848.3 (27033)	24.22	23.43	22.37	19.61
		831.5 (26865)	24.38	23.39	22.33	19.68
		814.7 (26697)	24.19	23.36	22.27	19.62
	1RB-Low (0)	848.3 (27033)	24.17	23.36	22.41	19.55
		831.5 (26865)	24.18	23.36	22.21	19.58
		814.7 (26697)	24.32	23.26	22.29	19.69
	3RB-High (3)	848.3 (27033)	23.22	22.17	21.23	18.60
		831.5 (26865)	23.12	22.16	21.21	18.41
		814.7 (26697)	23.16	22.08	21.23	18.53
	3RB-Middle (1)	848.3 (27033)	23.21	22.14	21.26	18.52
		831.5 (26865)	23.08	22.02	21.26	18.47
		814.7 (26697)	23.10	22.13	21.22	18.50
	3RB-Low (0)	848.3 (27033)	23.22	22.22	21.24	18.56
		831.5 (26865)	23.33	22.10	21.22	18.73
		814.7 (26697)	23.16	22.19	21.23	18.49
	6RB (0)	848.3 (27033)	23.22	22.21	21.27	18.55
		831.5 (26865)	23.18	22.10	21.19	18.58
		814.7 (26697)	23.17	22.11	21.27	18.44
3MHz	1RB-High (14)	847.5 (27025)	24.13	23.15	22.27	19.50
		831.5 (26865)	24.25	23.31	22.42	19.60
		815.5 (26705)	24.17	23.18	22.21	19.56
	1RB-Middle (7)	847.5 (27025)	24.24	23.47	22.38	19.57

		831.5 (26865)	24.37	23.42	22.30	19.70
		815.5 (26705)	24.19	23.39	22.27	19.64
	1RB-Low (0)	847.5 (27025)	24.23	23.44	22.41	19.66
		831.5 (26865)	24.23	23.38	22.21	19.65
		815.5 (26705)	24.36	23.29	22.36	19.65
	8RB-High (7)	847.5 (27025)	23.20	22.16	21.18	18.48
		831.5 (26865)	23.11	22.09	21.21	18.46
		815.5 (26705)	23.16	22.13	21.24	18.57
	8RB-Middle (4)	847.5 (27025)	23.21	22.12	21.23	18.50
		831.5 (26865)	23.06	22.01	21.24	18.48
		815.5 (26705)	23.13	22.06	21.19	18.58
	8RB-Low (0)	847.5 (27025)	23.17	22.17	21.22	18.47
		831.5 (26865)	23.30	22.12	21.27	18.74
		815.5 (26705)	23.16	22.20	21.20	18.49
	15RB (0)	847.5 (27025)	23.18	22.26	21.22	18.51
		831.5 (26865)	23.16	22.08	21.19	18.54
		815.5 (26705)	23.15	22.13	21.24	18.55
5MHz	1RB-High (24)	846.5 (27015)	24.14	23.14	22.29	19.49
		831.5 (26865)	24.25	23.32	22.42	19.65
		816.5 (26715)	24.19	23.10	22.21	19.56
	1RB-Middle (12)	846.5 (27015)	24.23	23.46	22.38	19.62
		831.5 (26865)	24.42	23.39	22.30	19.75
		816.5 (26715)	24.22	23.45	22.28	19.65
	1RB-Low (0)	846.5 (27015)	24.16	23.44	22.38	19.54
		831.5 (26865)	24.20	23.44	22.26	19.57
		816.5 (26715)	24.36	23.23	22.30	19.64
	12RB-High (13)	846.5 (27015)	23.15	22.16	21.16	18.48
		831.5 (26865)	23.16	22.09	21.23	18.56
		816.5 (26715)	23.12	22.06	21.28	18.51
	12RB-Middle (6)	846.5 (27015)	23.23	22.21	21.18	18.50
		831.5 (26865)	23.05	22.08	21.27	18.40
		816.5 (26715)	23.08	22.14	21.15	18.44
	12RB-Low (0)	846.5 (27015)	23.17	22.20	21.21	18.59
		831.5 (26865)	23.27	22.11	21.23	18.66
		816.5 (26715)	23.16	22.18	21.22	18.46
	25RB (0)	846.5 (27015)	23.24	22.17	21.28	18.67
		831.5 (26865)	23.13	22.16	21.24	18.58
		816.5 (26715)	23.18	22.16	21.26	18.61

10MHz	1RB-High (49)	844 (26990)	24.16	23.16	22.30	19.59
		831.5 (26865)	24.24	23.37	22.40	19.61
		820 (26750)	24.19	23.17	22.20	19.51
	1RB-Middle (24)	844 (26990)	24.22	23.47	22.35	19.53
		831.5 (26865)	24.39	23.40	22.33	19.81
		820 (26750)	24.20	23.39	22.29	19.62
	1RB-Low (0)	844 (26990)	24.25	23.42	22.46	19.63
		831.5 (26865)	24.25	23.39	22.17	19.62
		820 (26750)	24.38	23.27	22.30	19.72
	25RB-High (25)	844 (26990)	23.20	22.09	21.17	18.51
		831.5 (26865)	23.16	22.09	21.20	18.52
		820 (26750)	23.09	22.07	21.24	18.52
	25RB-Middle (12)	844 (26990)	23.17	22.13	21.27	18.58
		831.5 (26865)	23.10	22.05	21.26	18.55
		820 (26750)	23.11	22.06	21.20	18.45
	25RB-Low (0)	844 (26990)	23.19	22.18	21.23	18.46
		831.5 (26865)	23.31	22.04	21.21	18.74
		820 (26750)	23.17	22.20	21.21	18.56
	50RB (0)	844 (26990)	23.16	22.19	21.21	18.43
		831.5 (26865)	23.18	22.13	21.19	18.45
		820 (26750)	23.16	22.11	21.26	18.59
15MHz	1RB-High (74)	841.5 (26965)	24.20	23.21	22.33	19.63
		831.5 (26865)	24.32	23.41	22.44	19.74
		822.5 (26775)	24.25	23.19	22.30	19.70
	1RB-Middle (37)	841.5 (26965)	24.31	23.48	22.43	19.75
		831.5 (26865)	24.45	23.47	22.37	19.88
		822.5 (26775)	24.27	23.46	22.31	19.57
	1RB-Low (0)	841.5 (26965)	24.26	23.46	22.47	19.57
		831.5 (26865)	24.27	23.45	22.27	19.61
		822.5 (26775)	24.41	23.32	22.39	19.85
	36RB-High (38)	841.5 (26965)	23.24	22.19	21.26	18.54
		831.5 (26865)	23.18	22.19	21.27	18.51
		822.5 (26775)	23.17	22.14	21.30	18.48
	36RB-Middle (19)	841.5 (26965)	23.26	22.22	21.28	18.56
		831.5 (26865)	23.13	22.09	21.29	18.46
		822.5 (26775)	23.18	22.15	21.25	18.50
	36RB-Low (0)	841.5 (26965)	23.27	22.24	21.29	18.68
		831.5 (26865)	23.36	22.13	21.31	18.72
		822.5 (26775)	23.24	22.21	21.27	18.60

	75RB (0)	841.5 (26965)	23.26	22.27	21.31	18.63
		831.5 (26865)	23.21	22.17	21.26	18.53
		822.5 (26775)	23.22	22.20	21.28	18.53

LTEB41 PC3- ANT4 DSI0

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	21.43	21.26	20.91	18.85
		2640.3(41093)	21.16	21.02	20.66	18.80
		2593 (40620)	21.94	21.80	21.43	19.09
		2545.8(40148)	21.28	21.14	20.80	18.98
		2498.5 (39675)	21.20	21.05	20.71	18.95
	1RB-Middle (12)	2687.5 (41565)	21.56	21.35	21.00	19.01
		2640.3(41093)	21.21	21.06	20.70	19.12
		2593 (40620)	22.00	21.79	21.43	18.86
		2545.8(40148)	21.32	21.14	20.78	18.79
		2498.5 (39675)	21.16	20.98	20.65	18.82
	1RB-Low (0)	2687.5 (41565)	21.59	21.40	21.05	18.81
		2640.3(41093)	21.24	21.08	20.74	19.00
		2593 (40620)	21.90	21.74	21.40	18.85
		2545.8(40148)	21.33	21.17	20.84	19.01
		2498.5 (39675)	21.18	20.94	20.57	19.08
	12RB-High (13)	2687.5 (41565)	21.45	21.18	21.30	18.79
		2640.3(41093)	21.17	20.89	21.02	19.11
		2593 (40620)	21.94	21.60	21.78	19.09
		2545.8(40148)	21.28	20.96	21.14	18.95
		2498.5 (39675)	21.17	20.85	21.01	19.01
	12RB-Middle (6)	2687.5 (41565)	21.49	21.21	21.32	19.11
		2640.3(41093)	21.19	20.87	21.03	18.98
		2593 (40620)	21.95	21.62	21.77	19.11
		2545.8(40148)	21.30	20.99	21.12	18.83
		2498.5 (39675)	21.16	20.81	20.96	18.92
	12RB-Low (0)	2687.5 (41565)	21.54	21.25	21.35	19.02
		2640.3(41093)	21.22	20.93	21.08	19.08
		2593 (40620)	21.93	21.58	21.77	18.88

		2545.8(40148)	21.35	21.01	21.18	18.92
		2498.5 (39675)	21.16	20.81	20.95	18.85
	25RB (0)	2687.5 (41565)	21.53	21.26	21.35	19.08
		2640.3(41093)	21.21	20.95	21.04	19.04
		2593 (40620)	21.97	21.68	21.80	18.91
		2545.8(40148)	21.33	21.02	21.18	18.92
		2498.5 (39675)	21.17	20.91	21.01	18.94
10MHz	1RB-High (49)	2685 (41540)	21.41	21.25	20.92	19.05
		2639(41080)	21.15	20.98	20.64	18.91
		2593 (40620)	21.92	21.76	21.39	19.07
		2547(40160)	21.28	21.14	20.75	19.07
		2501 (39700)	21.22	21.06	20.70	19.09
	1RB-Middle (24)	2685 (41540)	21.50	21.33	20.99	18.78
		2639(41080)	21.12	20.96	20.63	18.99
		2593 (40620)	21.88	21.72	21.38	18.94
		2547(40160)	21.23	21.09	20.71	18.80
		2501 (39700)	21.12	20.97	20.60	19.03
	1RB-Low (0)	2685 (41540)	21.71	21.55	21.22	18.94
		2639(41080)	21.30	21.14	20.80	19.08
		2593 (40620)	21.91	21.76	21.41	18.93
		2547(40160)	21.38	21.18	20.82	19.04
		2501 (39700)	21.09	20.95	20.55	18.91
	25RB-High (25)	2685 (41540)	21.47	21.22	21.36	18.92
		2639(41080)	21.13	20.86	20.99	18.94
		2593 (40620)	21.89	21.62	21.73	18.91
		2547(40160)	21.23	20.95	21.07	19.01
		2501 (39700)	21.16	20.90	21.01	18.85
	25RB-Middle (12)	2685 (41540)	21.52	21.25	21.39	19.01
		2639(41080)	21.15	20.89	21.00	18.93
		2593 (40620)	21.84	21.57	21.69	18.91
		2547(40160)	21.27	21.02	21.13	18.80
		2501 (39700)	21.10	20.85	20.97	18.97
	25RB-Low (0)	2685 (41540)	21.61	21.36	21.47	19.07
		2639(41080)	21.20	20.95	21.06	18.83
		2593 (40620)	21.90	21.62	21.73	19.09
		2547(40160)	21.31	21.06	21.17	18.94

		2501 (39700)	21.09	20.84	20.95	19.10
	50RB (0)	2685 (41540)	21.53	21.30	21.36	18.93
		2639(41080)	21.15	20.94	20.98	18.86
		2593 (40620)	21.87	21.62	21.68	18.96
		2547(40160)	21.26	21.05	21.08	18.80
		2501 (39700)	21.13	20.91	20.94	18.83
15MHz	1RB-High (74)	2682.5 (41515)	21.39	21.24	20.90	18.99
		2637.8(41068)	21.11	20.98	20.63	19.09
		2593 (40620)	21.91	21.73	21.38	18.78
		2548.3(40173)	21.29	21.15	20.80	19.12
		2503.5 (39725)	21.30	21.15	20.80	18.94
	1RB-Middle (37)	2682.5 (41515)	21.61	21.44	21.11	18.90
		2637.8(41068)	21.22	21.11	20.75	18.97
		2593 (40620)	21.96	21.78	21.47	19.03
		2548.3(40173)	21.30	21.18	20.81	19.06
		2503.5 (39725)	21.27	21.07	20.71	18.86
	1RB-Low (0)	2682.5 (41515)	21.80	21.65	21.32	18.91
		2637.8(41068)	21.36	21.19	20.87	18.94
		2593 (40620)	21.85	21.74	21.38	18.93
		2548.3(40173)	21.34	21.19	20.86	18.80
		2503.5 (39725)	21.11	20.96	20.60	18.95
	36RB-High (38)	2682.5 (41515)	21.51	21.20	21.30	18.80
		2637.8(41068)	21.14	20.84	20.95	18.90
		2593 (40620)	21.90	21.60	21.69	18.84
		2548.3(40173)	21.24	20.93	21.04	18.89
		2503.5 (39725)	21.26	20.98	21.06	18.80
	36RB-Middle (19)	2682.5 (41515)	21.60	21.30	21.42	18.86
		2637.8(41068)	21.20	20.92	21.02	19.02
		2593 (40620)	21.87	21.56	21.67	19.10
		2548.3(40173)	21.28	21.00	21.10	19.06
		2503.5 (39725)	21.26	20.90	21.01	18.89
	36RB-Low (0)	2682.5 (41515)	21.70	21.41	21.51	18.80
		2637.8(41068)	21.29	20.99	21.08	19.10
		2593 (40620)	21.90	21.57	21.69	18.87
		2548.3(40173)	21.36	21.02	21.14	19.11
		2503.5 (39725)	21.11	20.81	20.91	19.10

	75RB (0)	2682.5 (41515)	21.59	21.37	21.47	18.89
		2637.8(41068)	21.21	20.98	21.06	18.83
		2593 (40620)	21.92	21.68	21.76	18.78
		2548.3(40173)	21.29	21.08	21.15	18.95
		2503.5 (39725)	21.20	20.99	21.06	19.12
20MHz	1RB-High (99)	2680 (41490)	21.26	21.22	20.90	18.91
		2636.5(41055)	20.98	20.90	20.60	19.10
		2593 (40620)	21.76	21.72	21.39	18.87
		2549.5(40185)	21.21	21.16	20.86	18.79
		2506 (39750)	21.20	21.12	20.84	19.02
	1RB-Middle (50)	2680 (41490)	21.50	21.45	21.14	18.83
		2636.5(41055)	21.10	21.04	20.75	19.06
		2593 (40620)	21.79	21.76	21.45	18.93
		2549.5(40185)	21.12	21.09	20.80	18.96
		2506 (39750)	21.09	21.04	20.73	18.97
	1RB-Low (0)	2680 (41490)	21.48	21.38	21.09	18.92
		2636.5(41055)	21.33	21.25	20.96	18.84
		2593 (40620)	21.70	21.66	21.36	18.82
		2549.5(40185)	21.22	21.18	20.88	18.89
		2506 (39750)	20.95	20.91	20.61	19.01
	50RB-High (50)	2680 (41490)	21.38	21.38	21.37	18.94
		2636.5(41055)	20.95	20.94	20.95	18.79
		2593 (40620)	21.72	21.71	21.71	18.85
		2549.5(40185)	21.08	21.08	21.09	18.92
		2506 (39750)	21.13	21.13	21.12	18.81
	50RB-Middle (25)	2680 (41490)	21.46	21.47	21.46	18.83
		2636.5(41055)	21.06	21.06	21.06	19.02
		2593 (40620)	21.72	21.71	21.70	18.83
		2549.5(40185)	21.13	21.12	21.13	18.92
		2506 (39750)	21.05	21.05	21.06	19.01
	50RB-Low (0)	2680 (41490)	21.50	21.47	21.48	18.95
		2636.5(41055)	21.14	21.14	21.13	18.95
		2593 (40620)	21.73	21.69	21.69	19.10
		2549.5(40185)	21.19	21.20	21.19	19.03
		2506 (39750)	20.97	20.96	20.97	18.84
	100RB (0)	2680 (41490)	21.44	21.47	21.43	18.94

		2636.5(41055)	21.03	21.10	21.05	18.98
		2593 (40620)	21.69	21.76	21.71	19.02
		2549.5(40185)	21.12	21.19	21.13	18.81
		2506 (39750)	21.06	21.10	21.06	18.92

LTEB41 PC3- ANT4 DSI1

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	20.90	20.99	20.57	18.93
		2640.3(41093)	20.63	20.75	20.32	18.97
		2593 (40620)	21.39	21.52	21.08	18.99
		2545.8(40148)	20.75	20.87	20.46	18.83
		2498.5 (39675)	20.67	20.78	20.37	18.79
	1RB-Middle (12)	2687.5 (41565)	21.02	21.08	20.66	18.96
		2640.3(41093)	20.68	20.79	20.36	18.96
		2593 (40620)	21.45	21.51	21.08	18.94
		2545.8(40148)	20.79	20.87	20.44	18.81
		2498.5 (39675)	20.63	20.71	20.31	18.89
	1RB-Low (0)	2687.5 (41565)	21.05	21.13	20.71	18.87
		2640.3(41093)	20.71	20.81	20.40	18.89
		2593 (40620)	21.35	21.46	21.05	18.89
		2545.8(40148)	20.80	20.90	20.50	18.81
		2498.5 (39675)	20.65	20.67	20.24	18.88
	12RB-High (13)	2687.5 (41565)	20.92	20.91	20.95	18.92
		2640.3(41093)	20.64	20.62	20.68	18.87
		2593 (40620)	21.39	21.33	21.43	18.94
		2545.8(40148)	20.75	20.69	20.80	18.97
		2498.5 (39675)	20.64	20.58	20.67	18.83
	12RB-Middle (6)	2687.5 (41565)	20.95	20.94	20.97	18.92
		2640.3(41093)	20.66	20.60	20.69	18.81
		2593 (40620)	21.40	21.34	21.42	18.79
		2545.8(40148)	20.77	20.72	20.78	18.86
		2498.5 (39675)	20.63	20.55	20.62	18.79
	12RB-Low (0)	2687.5 (41565)	21.00	20.98	21.00	18.95

		2640.3(41093)	20.69	20.66	20.74	18.96
		2593 (40620)	21.38	21.31	21.42	18.88
		2545.8(40148)	20.82	20.74	20.84	18.82
		2498.5 (39675)	20.63	20.55	20.61	18.97
	25RB (0)	2687.5 (41565)	20.99	20.99	21.00	18.96
		2640.3(41093)	20.68	20.68	20.70	18.97
		2593 (40620)	21.42	21.40	21.45	18.83
		2545.8(40148)	20.80	20.75	20.84	18.89
		2498.5 (39675)	20.64	20.64	20.67	18.99
10MHz	1RB-High (49)	2685 (41540)	20.88	20.98	20.58	18.92
		2639(41080)	20.62	20.71	20.30	18.90
		2593 (40620)	21.37	21.48	21.04	18.98
		2547(40160)	20.75	20.87	20.41	18.80
		2501 (39700)	20.69	20.79	20.36	18.93
	1RB-Middle (24)	2685 (41540)	20.96	21.06	20.65	18.85
		2639(41080)	20.59	20.69	20.29	18.82
		2593 (40620)	21.33	21.44	21.03	18.95
		2547(40160)	20.70	20.82	20.37	18.80
		2501 (39700)	20.59	20.70	20.26	18.94
	1RB-Low (0)	2685 (41540)	21.17	21.28	20.87	18.97
		2639(41080)	20.77	20.87	20.46	18.96
		2593 (40620)	21.36	21.48	21.06	18.95
		2547(40160)	20.85	20.91	20.48	18.87
		2501 (39700)	20.56	20.68	20.22	18.80
	25RB-High (25)	2685 (41540)	20.93	20.95	21.01	18.87
		2639(41080)	20.60	20.59	20.65	18.82
		2593 (40620)	21.34	21.34	21.38	18.94
		2547(40160)	20.70	20.68	20.73	18.97
		2501 (39700)	20.63	20.63	20.67	18.88
	25RB-Middle (12)	2685 (41540)	20.98	20.98	21.04	18.86
		2639(41080)	20.62	20.62	20.66	18.79
		2593 (40620)	21.30	21.30	21.34	18.81
		2547(40160)	20.74	20.75	20.79	18.84
		2501 (39700)	20.57	20.58	20.63	18.97
	25RB-Low (0)	2685 (41540)	21.07	21.09	21.12	18.90
		2639(41080)	20.67	20.68	20.72	18.98

		2593 (40620)	21.35	21.34	21.38	18.86
		2547(40160)	20.78	20.79	20.83	18.83
		2501 (39700)	20.56	20.57	20.61	18.84
	50RB (0)	2685 (41540)	20.99	21.03	21.01	18.98
		2639(41080)	20.62	20.67	20.64	18.93
		2593 (40620)	21.32	21.34	21.33	18.98
		2547(40160)	20.73	20.78	20.74	18.98
		2501 (39700)	20.60	20.64	20.60	18.89
15MHz	1RB-High (74)	2682.5 (41515)	20.86	20.97	20.56	18.94
		2637.8(41068)	20.58	20.71	20.29	18.85
		2593 (40620)	21.36	21.45	21.03	18.81
		2548.3(40173)	20.76	20.88	20.46	18.88
		2503.5 (39725)	20.77	20.88	20.46	18.93
	1RB-Middle (37)	2682.5 (41515)	21.07	21.17	20.77	18.97
		2637.8(41068)	20.69	20.84	20.41	18.80
		2593 (40620)	21.41	21.50	21.12	18.81
		2548.3(40173)	20.77	20.91	20.47	18.99
		2503.5 (39725)	20.74	20.80	20.37	18.84
	1RB-Low (0)	2682.5 (41515)	21.26	21.37	20.97	18.87
		2637.8(41068)	20.83	20.92	20.53	18.82
		2593 (40620)	21.31	21.46	21.03	18.97
		2548.3(40173)	20.81	20.92	20.52	18.90
		2503.5 (39725)	20.58	20.69	20.26	18.82
	36RB-High (38)	2682.5 (41515)	20.97	20.93	20.95	18.83
		2637.8(41068)	20.61	20.57	20.61	18.92
		2593 (40620)	21.35	21.33	21.34	18.82
		2548.3(40173)	20.71	20.66	20.70	18.79
		2503.5 (39725)	20.73	20.71	20.72	18.88
	36RB-Middle (19)	2682.5 (41515)	21.06	21.03	21.07	18.83
		2637.8(41068)	20.67	20.65	20.68	18.98
		2593 (40620)	21.32	21.29	21.32	18.86
		2548.3(40173)	20.75	20.73	20.76	18.89
		2503.5 (39725)	20.73	20.63	20.67	18.94
	36RB-Low (0)	2682.5 (41515)	21.16	21.14	21.16	18.81
		2637.8(41068)	20.76	20.72	20.74	18.96
		2593 (40620)	21.35	21.30	21.34	18.93

		2548.3(40173)	20.83	20.75	20.80	18.85
		2503.5 (39725)	20.58	20.55	20.57	18.94
	75RB (0)	2682.5 (41515)	21.05	21.10	21.12	18.85
		2637.8(41068)	20.68	20.71	20.72	18.92
		2593 (40620)	21.37	21.40	21.41	18.90
		2548.3(40173)	20.76	20.81	20.81	18.83
		2503.5 (39725)	20.67	20.72	20.72	18.97
20MHz	1RB-High (99)	2680 (41490)	20.73	20.95	20.56	18.89
		2636.5(41055)	20.47	20.64	20.26	18.94
		2593 (40620)	21.25	21.42	21.00	18.81
		2549.5(40185)	20.74	20.89	20.49	18.83
		2506 (39750)	20.74	20.91	20.46	18.81
	1RB-Middle (50)	2680 (41490)	20.98	21.20	20.79	18.81
		2636.5(41055)	20.61	20.80	20.38	18.89
		2593 (40620)	21.32	21.47	21.09	18.83
		2549.5(40185)	20.67	20.85	20.45	18.79
		2506 (39750)	20.65	20.82	20.37	18.97
	1RB-Low (0)	2680 (41490)	20.92	21.13	20.73	18.82
		2636.5(41055)	20.84	21.00	20.62	18.96
		2593 (40620)	21.20	21.35	20.96	18.94
		2549.5(40185)	20.77	20.92	20.52	18.93
		2506 (39750)	20.53	20.66	20.25	18.93
	50RB-High (50)	2680 (41490)	20.92	21.05	21.05	18.86
		2636.5(41055)	20.53	20.60	20.60	18.85
		2593 (40620)	21.28	21.34	21.35	18.97
		2549.5(40185)	20.67	20.72	20.74	18.81
		2506 (39750)	20.80	20.78	20.79	18.81
	50RB-Middle (25)	2680 (41490)	21.00	21.13	21.14	18.87
		2636.5(41055)	20.65	20.72	20.74	18.98
		2593 (40620)	21.29	21.34	21.35	18.86
		2549.5(40185)	20.71	20.79	20.80	18.85
		2506 (39750)	20.64	20.73	20.74	18.84
	50RB-Low (0)	2680 (41490)	21.03	21.13	21.15	18.85
		2636.5(41055)	20.69	20.77	20.79	18.90
		2593 (40620)	21.30	21.32	21.31	18.96
		2549.5(40185)	20.81	20.85	20.85	18.85

		2506 (39750)	20.65	20.65	20.62	18.83
	100RB (0)	2680 (41490)	20.99	21.12	21.13	18.87
		2636.5(41055)	20.62	20.72	20.71	18.86
		2593 (40620)	21.26	21.36	21.35	18.93
		2549.5(40185)	20.72	20.84	20.82	18.80
		2506 (39750)	20.68	20.76	20.74	18.82

LTEB41 PC3- ANT4 DSI2

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	21.83	21.97	21.55	18.99
		2640.3(41093)	21.60	21.72	21.31	18.84
		2593 (40620)	22.39	22.53	22.13	18.99
		2545.8(40148)	21.78	21.92	21.47	18.91
		2498.5 (39675)	21.71	21.83	21.36	18.84
	1RB-Middle (12)	2687.5 (41565)	21.93	22.03	21.66	18.89
		2640.3(41093)	21.68	21.80	21.37	18.87
		2593 (40620)	22.44	22.59	22.13	18.84
		2545.8(40148)	21.87	21.95	21.48	18.85
		2498.5 (39675)	21.65	21.77	21.30	18.85
	1RB-Low (0)	2687.5 (41565)	21.98	22.10	21.72	18.85
		2640.3(41093)	21.68	21.80	21.40	18.92
		2593 (40620)	22.37	22.52	22.09	18.96
		2545.8(40148)	21.83	21.94	21.54	18.81
		2498.5 (39675)	21.58	21.70	21.28	18.92
	12RB-High (13)	2687.5 (41565)	21.86	21.88	21.48	18.81
		2640.3(41093)	21.63	21.59	21.18	18.81
		2593 (40620)	22.41	22.40	21.95	18.86
		2545.8(40148)	21.78	21.74	21.31	18.79
		2498.5 (39675)	21.67	21.64	21.17	18.79
	12RB-Middle (6)	2687.5 (41565)	21.91	21.90	21.46	18.99
		2640.3(41093)	21.63	21.60	21.18	18.90
		2593 (40620)	22.43	22.40	21.94	18.79
		2545.8(40148)	21.80	21.78	21.31	18.81

		2498.5 (39675)	21.65	21.61	21.16	18.79
	12RB-Low (0)	2687.5 (41565)	21.94	21.94	21.51	18.90
		2640.3(41093)	21.68	21.65	21.25	18.98
		2593 (40620)	22.40	22.38	21.94	18.86
		2545.8(40148)	21.84	21.81	21.35	18.87
		2498.5 (39675)	21.65	21.61	21.15	18.94
	25RB (0)	2687.5 (41565)	21.94	21.98	21.51	18.90
		2640.3(41093)	21.65	21.67	21.19	18.95
		2593 (40620)	22.44	22.46	21.98	18.83
		2545.8(40148)	21.83	21.81	21.33	18.95
		2498.5 (39675)	21.69	21.68	21.19	18.97
10MHz	1RB-High (49)	2685 (41540)	21.82	21.96	21.55	18.93
		2639(41080)	21.59	21.73	21.29	18.95
		2593 (40620)	22.39	22.52	22.08	18.85
		2547(40160)	21.78	21.90	21.42	18.95
		2501 (39700)	21.75	21.85	21.37	18.86
	1RB-Middle (24)	2685 (41540)	21.91	22.02	21.61	18.90
		2639(41080)	21.59	21.72	21.29	18.82
		2593 (40620)	22.36	22.54	22.07	18.80
		2547(40160)	21.72	21.84	21.40	18.93
		2501 (39700)	21.62	21.75	21.27	18.84
	1RB-Low (0)	2685 (41540)	22.12	22.24	21.83	18.92
		2639(41080)	21.74	21.89	21.47	18.81
		2593 (40620)	22.39	22.54	22.10	18.82
		2547(40160)	21.85	21.96	21.51	18.89
		2501 (39700)	21.61	21.72	21.25	18.91
	25RB-High (25)	2685 (41540)	21.89	21.95	21.47	18.94
		2639(41080)	21.58	21.59	21.14	18.92
		2593 (40620)	22.38	22.41	21.92	18.97
		2547(40160)	21.75	21.74	21.26	18.92
		2501 (39700)	21.69	21.67	21.18	18.95
	25RB-Middle (12)	2685 (41540)	21.94	21.97	21.50	18.98
		2639(41080)	21.61	21.64	21.16	18.91
		2593 (40620)	22.35	22.39	21.88	18.91
		2547(40160)	21.80	21.77	21.31	18.99
		2501 (39700)	21.62	21.63	21.14	18.95

	25RB-Low (0)	2685 (41540)	22.01	22.06	21.60	18.96
		2639(41080)	21.64	21.70	21.21	18.98
		2593 (40620)	22.38	22.39	21.90	18.98
		2547(40160)	21.85	21.84	21.34	18.97
		2501 (39700)	21.62	21.61	21.10	18.95
	50RB (0)	2685 (41540)	21.96	22.03	21.50	18.92
		2639(41080)	21.60	21.67	21.14	18.82
		2593 (40620)	22.36	22.43	21.86	18.84
		2547(40160)	21.78	21.81	21.28	18.94
		2501 (39700)	21.65	21.67	21.12	18.99
15MHz	1RB-High (74)	2682.5 (41515)	21.86	21.99	21.55	18.89
		2637.8(41068)	21.61	21.71	21.27	18.90
		2593 (40620)	22.43	22.54	22.08	18.90
		2548.3(40173)	21.83	21.95	21.49	18.89
		2503.5 (39725)	21.86	21.92	21.47	18.99
	1RB-Middle (37)	2682.5 (41515)	22.08	22.19	21.75	18.82
		2637.8(41068)	21.74	21.83	21.39	18.87
		2593 (40620)	22.48	22.58	22.14	18.83
		2548.3(40173)	21.84	21.94	21.50	18.94
		2503.5 (39725)	21.73	21.83	21.39	18.96
	1RB-Low (0)	2682.5 (41515)	22.27	22.38	21.94	18.90
		2637.8(41068)	21.86	21.96	21.54	18.82
		2593 (40620)	22.40	22.50	22.06	18.91
		2548.3(40173)	21.90	21.97	21.55	18.97
		2503.5 (39725)	21.65	21.71	21.28	18.80
	36RB-High (38)	2682.5 (41515)	21.96	21.97	21.44	18.89
		2637.8(41068)	21.65	21.60	21.09	18.98
		2593 (40620)	22.40	22.38	21.88	18.80
		2548.3(40173)	21.78	21.73	21.24	18.82
		2503.5 (39725)	21.80	21.75	21.24	18.88
	36RB-Middle (19)	2682.5 (41515)	22.07	22.05	21.54	18.97
		2637.8(41068)	21.72	21.68	21.17	18.82
		2593 (40620)	22.41	22.37	21.87	18.87
		2548.3(40173)	21.86	21.77	21.31	18.92
		2503.5 (39725)	21.74	21.69	21.18	18.81
	36RB-Low (0)	2682.5 (41515)	22.17	22.13	21.63	18.99

		2637.8(41068)	21.78	21.73	21.23	18.99
		2593 (40620)	22.42	22.37	21.88	18.84
		2548.3(40173)	21.86	21.81	21.32	18.95
		2503.5 (39725)	21.65	21.60	21.09	18.84
	75RB (0)	2682.5 (41515)	22.08	22.13	21.58	18.94
		2637.8(41068)	21.71	21.74	21.23	18.88
		2593 (40620)	22.44	22.48	21.96	18.91
		2548.3(40173)	21.85	21.85	21.34	18.87
		2503.5 (39725)	21.74	21.76	21.24	18.92
20MHz	1RB-High (99)	2680 (41490)	21.93	22.02	21.57	18.86
		2636.5(41055)	21.61	21.72	21.30	18.83
		2593 (40620)	22.37	22.50	22.11	18.90
		2549.5(40185)	21.77	21.97	21.54	18.84
		2506 (39750)	21.76	21.96	21.54	18.88
	1RB-Middle (50)	2680 (41490)	22.19	22.25	21.81	18.92
		2636.5(41055)	21.75	21.81	21.43	18.96
		2593 (40620)	22.44	22.57	22.15	18.95
		2549.5(40185)	21.74	21.91	21.47	18.83
		2506 (39750)	21.66	21.86	21.44	18.79
	1RB-Low (0)	2680 (41490)	22.11	22.22	21.76	18.85
		2636.5(41055)	21.95	22.03	21.66	18.82
		2593 (40620)	22.30	22.46	22.04	18.86
		2549.5(40185)	21.81	21.99	21.58	18.87
		2506 (39750)	21.54	21.74	21.31	18.81
	50RB-High (50)	2680 (41490)	22.10	22.13	21.58	18.98
		2636.5(41055)	21.62	21.65	21.15	18.93
		2593 (40620)	22.39	22.43	21.95	18.81
		2549.5(40185)	21.72	21.79	21.30	18.88
		2506 (39750)	21.77	21.85	21.36	18.99
	50RB-Middle (25)	2680 (41490)	22.18	22.20	21.67	18.79
		2636.5(41055)	21.77	21.79	21.27	18.92
		2593 (40620)	22.38	22.42	21.95	18.79
		2549.5(40185)	21.79	21.85	21.35	18.86
		2506 (39750)	21.71	21.80	21.30	18.87
	50RB-Low (0)	2680 (41490)	22.20	22.20	21.67	18.98
		2636.5(41055)	21.83	21.85	21.34	18.98

		2593 (40620)	22.40	22.42	21.91	18.88
		2549.5(40185)	21.82	21.91	21.41	18.93
		2506 (39750)	21.61	21.70	21.20	18.99
	100RB (0)	2680 (41490)	22.13	22.18	21.67	18.97
		2636.5(41055)	21.72	21.76	21.28	18.95
		2593 (40620)	22.40	22.44	21.95	18.93
		2549.5(40185)	21.76	21.89	21.39	18.95
		2506 (39750)	21.68	21.82	21.32	18.84

LTEB41 PC2- ANT4 DSI0

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	21.77	22.02	21.85	21.05
		2640.3(41093)	21.67	21.95	21.78	20.99
		2593 (40620)	22.44	22.71	22.55	21.05
		2545.8(40148)	21.80	22.09	21.91	21.10
		2498.5 (39675)	21.75	22.04	21.87	21.09
	1RB-Middle (12)	2687.5 (41565)	21.93	22.13	21.96	21.10
		2640.3(41093)	21.72	22.00	21.83	21.07
		2593 (40620)	22.49	22.78	22.61	21.01
		2545.8(40148)	21.85	22.14	21.96	21.06
		2498.5 (39675)	21.80	22.01	21.85	21.02
	1RB-Low (0)	2687.5 (41565)	21.89	22.11	21.96	20.98
		2640.3(41093)	21.68	21.95	21.79	20.98
		2593 (40620)	22.41	22.66	22.50	21.02
		2545.8(40148)	21.84	22.13	21.97	20.96
		2498.5 (39675)	21.68	21.93	21.79	21.11
	12RB-High (13)	2687.5 (41565)	21.80	21.90	21.98	21.10
		2640.3(41093)	21.63	21.73	21.82	21.10
		2593 (40620)	22.42	22.51	22.60	21.12
		2545.8(40148)	21.76	21.88	21.93	21.11
		2498.5 (39675)	21.71	21.82	21.90	20.95
	12RB-Middle (6)	2687.5 (41565)	21.83	21.93	22.00	20.99
		2640.3(41093)	21.64	21.70	21.82	20.97

		2593 (40620)	22.42	22.50	22.59	20.95
		2545.8(40148)	21.81	21.87	21.97	21.12
		2498.5 (39675)	21.68	21.78	21.86	20.97
	12RB-Low (0)	2687.5 (41565)	21.84	21.93	22.02	21.03
		2640.3(41093)	21.68	21.78	21.87	21.01
		2593 (40620)	22.39	22.48	22.58	21.10
		2545.8(40148)	21.81	21.90	21.97	21.12
		2498.5 (39675)	21.68	21.77	21.86	21.03
	25RB (0)	2687.5 (41565)	21.82	21.92	21.99	21.01
		2640.3(41093)	21.68	21.75	21.83	21.10
		2593 (40620)	22.45	22.52	22.61	21.13
		2545.8(40148)	21.82	21.88	21.96	21.06
		2498.5 (39675)	21.70	21.79	21.87	21.09
10MHz	1RB-High (49)	2685 (41540)	22.08	22.04	21.84	20.99
		2639(41080)	21.68	21.95	21.75	21.00
		2593 (40620)	22.46	22.73	22.52	21.01
		2547(40160)	21.83	22.11	21.91	21.00
		2501 (39700)	21.84	22.14	21.92	21.00
	1RB-Middle (24)	2685 (41540)	21.93	22.16	21.99	21.09
		2639(41080)	21.69	21.96	21.76	21.03
		2593 (40620)	22.44	22.70	22.57	20.99
		2547(40160)	21.79	22.12	21.88	21.08
		2501 (39700)	21.74	22.02	21.83	20.97
	1RB-Low (0)	2685 (41540)	22.08	22.30	22.12	21.07
		2639(41080)	21.77	22.04	21.85	20.95
		2593 (40620)	22.44	22.69	22.51	21.04
		2547(40160)	21.87	22.16	21.96	21.09
		2501 (39700)	21.67	21.96	21.77	21.08
	25RB-High (25)	2685 (41540)	21.86	21.95	22.02	20.95
		2639(41080)	21.61	21.68	21.78	21.12
		2593 (40620)	22.40	22.46	22.57	21.07
		2547(40160)	21.75	21.82	21.92	21.01
		2501 (39700)	21.74	21.84	21.93	21.11
	25RB-Middle (12)	2685 (41540)	21.86	21.95	22.02	21.11
		2639(41080)	21.63	21.70	21.82	20.99
		2593 (40620)	22.37	22.42	22.52	20.96

		2547(40160)	21.77	21.82	21.91	20.96
		2501 (39700)	21.69	21.77	21.87	20.98
	25RB-Low (0)	2685 (41540)	21.96	22.05	22.12	20.96
		2639(41080)	21.69	21.78	21.88	20.96
		2593 (40620)	22.38	22.46	22.55	20.99
		2547(40160)	21.81	21.89	21.98	21.08
		2501 (39700)	21.66	21.75	21.84	20.96
	50RB (0)	2685 (41540)	21.89	21.98	22.03	20.98
		2639(41080)	21.66	21.75	21.77	21.12
		2593 (40620)	22.37	22.48	22.51	21.00
		2547(40160)	21.76	21.89	21.89	20.96
		2501 (39700)	21.70	21.81	21.84	21.04
15MHz	1RB-High (74)	2682.5 (41515)	21.83	22.06	21.86	21.12
		2637.8(41068)	21.72	21.99	21.80	21.13
		2593 (40620)	22.50	22.75	22.57	20.96
		2548.3(40173)	21.89	22.16	21.96	20.96
		2503.5 (39725)	21.96	22.23	22.05	21.10
	1RB-Middle (37)	2682.5 (41515)	22.02	22.26	22.07	20.95
		2637.8(41068)	21.76	22.04	21.87	21.08
		2593 (40620)	22.53	22.78	22.62	21.13
		2548.3(40173)	21.87	22.16	21.99	21.08
		2503.5 (39725)	21.86	22.14	21.96	20.96
	1RB-Low (0)	2682.5 (41515)	22.20	22.44	22.28	21.01
		2637.8(41068)	21.88	22.16	21.98	21.06
		2593 (40620)	22.44	22.71	22.53	21.03
		2548.3(40173)	21.93	22.21	22.03	20.96
		2503.5 (39725)	21.74	22.03	21.84	20.95
	36RB-High (38)	2682.5 (41515)	21.91	21.95	22.04	21.13
		2637.8(41068)	21.68	21.70	21.78	20.97
		2593 (40620)	22.44	22.50	22.56	21.06
		2548.3(40173)	21.81	21.85	21.91	20.95
		2503.5 (39725)	21.89	21.94	22.00	21.05
	36RB-Middle (19)	2682.5 (41515)	21.96	22.02	22.10	21.07
		2637.8(41068)	21.68	21.72	21.79	20.99
		2593 (40620)	22.41	22.44	22.52	20.96
		2548.3(40173)	21.82	21.84	21.92	21.03

		2503.5 (39725)	21.81	21.86	21.91	21.01
	36RB-Low (0)	2682.5 (41515)	22.08	22.14	22.21	21.11
		2637.8(41068)	21.80	21.83	21.91	21.00
		2593 (40620)	22.44	22.47	22.55	21.02
		2548.3(40173)	21.89	21.92	21.98	20.96
		2503.5 (39725)	21.73	21.78	21.84	21.00
	75RB (0)	2682.5 (41515)	22.00	22.08	22.15	20.97
		2637.8(41068)	21.75	21.84	21.89	20.95
		2593 (40620)	22.46	22.55	22.61	21.04
		2548.3(40173)	21.85	21.94	21.99	20.95
		2503.5 (39725)	21.83	21.92	21.97	20.95
20MHz	1RB-High (99)	2680 (41490)	21.87	22.10	21.92	20.97
		2636.5(41055)	21.68	21.89	21.72	21.02
		2593 (40620)	22.53	22.78	22.58	21.04
		2549.5(40185)	21.94	22.16	21.99	20.98
		2506 (39750)	22.04	22.28	22.10	21.08
	1RB-Middle (50)	2680 (41490)	22.13	22.36	22.19	20.95
		2636.5(41055)	21.77	21.99	21.82	20.95
		2593 (40620)	22.56	22.82	22.65	20.96
		2549.5(40185)	21.90	22.12	21.95	20.95
		2506 (39750)	21.92	22.16	21.99	21.09
	1RB-Low (0)	2680 (41490)	22.13	22.33	22.16	21.04
		2636.5(41055)	22.02	22.23	22.08	21.06
		2593 (40620)	22.43	22.67	22.50	21.03
		2549.5(40185)	21.96	22.19	22.02	21.04
		2506 (39750)	21.73	21.97	21.82	21.09
	50RB-High (50)	2680 (41490)	22.03	22.04	22.06	21.07
		2636.5(41055)	21.69	21.70	21.70	20.95
		2593 (40620)	22.54	22.56	22.56	21.02
		2549.5(40185)	21.88	21.87	21.91	20.95
		2506 (39750)	22.02	22.03	22.03	20.95
	50RB-Middle (25)	2680 (41490)	22.14	22.14	22.14	21.00
		2636.5(41055)	21.75	21.77	21.77	21.02
		2593 (40620)	22.51	22.52	22.53	21.02
		2549.5(40185)	21.87	21.91	21.93	21.07
		2506 (39750)	21.91	21.94	21.94	21.08

	50RB-Low (0)	2680 (41490)	22.17	22.15	22.16	20.95
		2636.5(41055)	21.86	21.87	21.86	20.96
		2593 (40620)	22.55	22.50	22.52	21.10
		2549.5(40185)	21.97	21.97	21.98	20.97
		2506 (39750)	21.83	21.85	21.87	21.07
	100RB (0)	2680 (41490)	22.12	22.15	22.11	21.03
		2636.5(41055)	21.74	21.80	21.74	21.03
		2593 (40620)	22.51	22.58	22.53	20.99
		2549.5(40185)	21.88	22.00	21.91	21.11
		2506 (39750)	21.94	21.99	21.94	21.09

LTEB41 PC2- ANT4 DSI1

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.53	23.74	23.50	21.04
		2640.3(41093)	23.42	23.67	23.43	21.12
		2593 (40620)	24.26	24.49	24.26	21.12
		2545.8(40148)	23.56	23.82	23.57	20.98
		2498.5 (39675)	23.51	23.77	23.53	21.09
	1RB-Middle (12)	2687.5 (41565)	23.71	23.86	23.62	21.07
		2640.3(41093)	23.48	23.72	23.48	21.10
		2593 (40620)	24.31	24.56	24.32	21.08
		2545.8(40148)	23.62	23.87	23.62	21.04
		2498.5 (39675)	23.56	23.73	23.50	21.12
	1RB-Low (0)	2687.5 (41565)	23.66	23.84	23.62	21.00
		2640.3(41093)	23.43	23.67	23.44	21.05
		2593 (40620)	24.22	24.43	24.20	20.95
		2545.8(40148)	23.61	23.86	23.63	20.97
		2498.5 (39675)	23.44	23.65	23.44	21.01
	12RB-High (13)	2687.5 (41565)	23.56	23.61	23.64	21.13
		2640.3(41093)	23.38	23.43	23.47	21.05
		2593 (40620)	24.23	24.27	24.31	21.11
		2545.8(40148)	23.52	23.59	23.59	21.03
		2498.5 (39675)	23.47	23.53	23.56	21.03

	12RB-Middle (6)	2687.5 (41565)	23.60	23.65	23.67	21.11
		2640.3(41093)	23.39	23.40	23.47	20.99
		2593 (40620)	24.23	24.26	24.30	21.02
		2545.8(40148)	23.57	23.58	23.63	21.01
		2498.5 (39675)	23.44	23.48	23.52	21.12
	12RB-Low (0)	2687.5 (41565)	23.61	23.65	23.69	20.96
		2640.3(41093)	23.43	23.48	23.53	21.10
		2593 (40620)	24.20	24.24	24.29	21.09
		2545.8(40148)	23.57	23.61	23.63	21.09
		2498.5 (39675)	23.43	23.47	23.52	21.00
	25RB (0)	2687.5 (41565)	23.59	23.64	23.65	21.04
		2640.3(41093)	23.43	23.45	23.48	20.99
		2593 (40620)	24.27	24.28	24.32	21.04
		2545.8(40148)	23.59	23.59	23.62	21.06
		2498.5 (39675)	23.46	23.50	23.53	21.09
10MHz	1RB-High (49)	2685 (41540)	23.87	23.76	23.49	21.09
		2639(41080)	23.43	23.67	23.40	21.07
		2593 (40620)	24.28	24.51	24.23	21.09
		2547(40160)	23.60	23.84	23.57	21.13
		2501 (39700)	23.61	23.87	23.58	21.06
	1RB-Middle (24)	2685 (41540)	23.71	23.90	23.65	21.11
		2639(41080)	23.45	23.68	23.41	21.09
		2593 (40620)	24.26	24.48	24.28	21.07
		2547(40160)	23.55	23.85	23.54	21.12
		2501 (39700)	23.50	23.74	23.48	21.02
	1RB-Low (0)	2685 (41540)	23.87	24.05	23.80	21.07
		2639(41080)	23.53	23.77	23.50	21.03
		2593 (40620)	24.26	24.47	24.22	21.06
		2547(40160)	23.64	23.90	23.62	21.01
		2501 (39700)	23.42	23.68	23.42	21.05
	25RB-High (25)	2685 (41540)	23.63	23.67	23.69	21.02
		2639(41080)	23.36	23.38	23.43	20.97
		2593 (40620)	24.21	24.22	24.28	21.11
		2547(40160)	23.51	23.53	23.58	21.00
		2501 (39700)	23.50	23.55	23.59	21.13
	25RB-Middle (12)	2685 (41540)	23.63	23.67	23.69	20.99

		2639(41080)	23.38	23.40	23.47	21.07
		2593 (40620)	24.18	24.18	24.23	21.12
		2547(40160)	23.53	23.53	23.57	21.08
		2501 (39700)	23.45	23.47	23.53	21.01
	25RB-Low (0)	2685 (41540)	23.74	23.78	23.79	21.05
		2639(41080)	23.45	23.48	23.54	21.03
		2593 (40620)	24.19	24.22	24.26	20.99
		2547(40160)	23.57	23.60	23.64	20.99
		2501 (39700)	23.41	23.45	23.49	20.97
	50RB (0)	2685 (41540)	23.66	23.70	23.70	21.10
		2639(41080)	23.41	23.45	23.42	21.08
		2593 (40620)	24.18	24.24	24.21	21.02
		2547(40160)	23.52	23.60	23.55	21.02
		2501 (39700)	23.46	23.52	23.49	21.09
15MHz	1RB-High (74)	2682.5 (41515)	23.60	23.79	23.52	20.99
		2637.8(41068)	23.48	23.71	23.45	20.95
		2593 (40620)	24.32	24.53	24.28	21.10
		2548.3(40173)	23.66	23.89	23.62	21.13
		2503.5 (39725)	23.74	23.97	23.72	21.09
	1RB-Middle (37)	2682.5 (41515)	23.80	24.00	23.74	21.10
		2637.8(41068)	23.52	23.77	23.53	21.08
		2593 (40620)	24.35	24.56	24.33	21.03
		2548.3(40173)	23.64	23.89	23.65	21.01
		2503.5 (39725)	23.63	23.87	23.62	21.08
	1RB-Low (0)	2682.5 (41515)	24.00	24.20	23.97	21.01
		2637.8(41068)	23.65	23.89	23.64	21.05
		2593 (40620)	24.26	24.49	24.24	20.95
		2548.3(40173)	23.70	23.95	23.70	21.01
		2503.5 (39725)	23.50	23.75	23.49	21.09
	36RB-High (38)	2682.5 (41515)	23.68	23.67	23.71	21.04
		2637.8(41068)	23.43	23.40	23.43	20.98
		2593 (40620)	24.26	24.26	24.27	21.04
		2548.3(40173)	23.58	23.56	23.57	21.08
		2503.5 (39725)	23.66	23.66	23.67	21.03
	36RB-Middle (19)	2682.5 (41515)	23.74	23.74	23.77	20.99
		2637.8(41068)	23.44	23.42	23.44	20.96

		2593 (40620)	24.22	24.20	24.23	21.07
		2548.3(40173)	23.59	23.55	23.58	20.96
		2503.5 (39725)	23.57	23.57	23.57	21.09
	36RB-Low (0)	2682.5 (41515)	23.87	23.87	23.89	21.06
		2637.8(41068)	23.56	23.54	23.57	20.99
		2593 (40620)	24.26	24.23	24.26	21.11
		2548.3(40173)	23.66	23.64	23.64	20.95
		2503.5 (39725)	23.49	23.48	23.49	21.12
	75RB (0)	2682.5 (41515)	23.78	23.81	23.83	20.96
		2637.8(41068)	23.51	23.55	23.55	21.13
		2593 (40620)	24.28	24.32	24.32	21.00
		2548.3(40173)	23.62	23.66	23.66	20.97
		2503.5 (39725)	23.60	23.64	23.63	21.13
20MHz	1RB-High (99)	2680 (41490)	23.64	23.83	23.58	21.10
		2636.5(41055)	23.46	23.67	23.42	20.99
		2593 (40620)	24.31	24.52	24.28	21.01
		2549.5(40185)	23.69	23.94	23.68	21.05
		2506 (39750)	23.78	24.03	23.77	21.03
	1RB-Middle (50)	2680 (41490)	23.91	24.07	23.83	20.98
		2636.5(41055)	23.56	23.80	23.56	21.00
		2593 (40620)	24.37	24.59	24.37	20.98
		2549.5(40185)	23.66	23.92	23.62	20.98
		2506 (39750)	23.70	23.93	23.68	21.08
	1RB-Low (0)	2680 (41490)	23.87	24.08	23.84	21.13
		2636.5(41055)	23.80	24.00	23.76	20.96
		2593 (40620)	24.21	24.44	24.19	21.00
		2549.5(40185)	23.71	23.97	23.68	21.00
		2506 (39750)	23.52	23.75	23.47	20.99
	50RB-High (50)	2680 (41490)	23.78	23.84	23.83	21.07
		2636.5(41055)	23.45	23.50	23.48	21.08
		2593 (40620)	24.30	24.34	24.35	20.95
		2549.5(40185)	23.58	23.65	23.62	21.07
		2506 (39750)	23.76	23.80	23.77	21.13
	50RB-Middle (25)	2680 (41490)	23.88	23.92	23.92	21.08
		2636.5(41055)	23.53	23.56	23.57	21.07
		2593 (40620)	24.27	24.32	24.32	20.99

		2549.5(40185)	23.62	23.69	23.66	21.11
		2506 (39750)	23.67	23.72	23.70	21.04
	50RB-Low (0)	2680 (41490)	23.89	23.94	23.93	21.08
		2636.5(41055)	23.62	23.66	23.64	21.10
		2593 (40620)	24.24	24.28	24.29	20.98
		2549.5(40185)	23.67	23.74	23.70	21.08
		2506 (39750)	23.56	23.61	23.59	21.06
	100RB (0)	2680 (41490)	23.85	23.90	23.89	21.10
		2636.5(41055)	23.51	23.56	23.57	20.95
		2593 (40620)	24.25	24.33	24.32	21.05
		2549.5(40185)	23.64	23.70	23.67	21.05
		2506 (39750)	23.66	23.73	23.73	21.03

LTEB41 PC2- ANT4 DSI2

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	24.58	24.73	24.51	21.96
		2640.3(41093)	24.51	24.74	24.47	21.97
		2593 (40620)	25.36	25.52	25.27	21.96
		2545.8(40148)	24.68	24.89	24.64	21.89
		2498.5 (39675)	24.62	24.83	24.56	21.92
	1RB-Middle (12)	2687.5 (41565)	24.75	24.86	24.61	21.90
		2640.3(41093)	24.59	24.77	24.48	21.93
		2593 (40620)	25.48	25.58	25.32	21.95
		2545.8(40148)	24.75	24.93	24.62	21.98
		2498.5 (39675)	24.69	24.81	24.54	21.96
	1RB-Low (0)	2687.5 (41565)	24.72	24.84	24.63	21.95
		2640.3(41093)	24.53	24.74	24.47	21.93
		2593 (40620)	25.31	25.47	25.25	21.98
		2545.8(40148)	24.71	24.94	24.68	21.97
		2498.5 (39675)	24.55	24.72	24.48	21.96
	12RB-High (13)	2687.5 (41565)	24.63	24.66	24.17	21.98
		2640.3(41093)	24.49	24.50	24.01	21.89
		2593 (40620)	25.33	25.34	24.86	21.99

		2545.8(40148)	24.63	24.64	24.16	21.92
		2498.5 (39675)	24.62	24.61	24.11	21.91
	12RB-Middle (6)	2687.5 (41565)	24.67	24.70	24.21	21.90
		2640.3(41093)	24.48	24.50	24.02	21.95
		2593 (40620)	25.33	25.33	24.85	21.94
		2545.8(40148)	24.65	24.65	24.19	21.95
		2498.5 (39675)	24.56	24.58	24.08	21.94
	12RB-Low (0)	2687.5 (41565)	24.67	24.70	24.21	21.94
		2640.3(41093)	24.52	24.54	24.05	21.99
		2593 (40620)	25.33	25.32	24.85	21.95
		2545.8(40148)	24.67	24.70	24.20	21.91
		2498.5 (39675)	24.57	24.57	24.07	21.98
	25RB (0)	2687.5 (41565)	24.66	24.72	24.20	21.91
		2640.3(41093)	24.51	24.51	24.02	21.97
		2593 (40620)	25.36	25.37	24.87	21.94
		2545.8(40148)	24.68	24.68	24.17	21.91
		2498.5 (39675)	24.60	24.60	24.09	21.96
10MHz	1RB-High (49)	2685 (41540)	24.57	24.75	24.51	21.95
		2639(41080)	24.46	24.72	24.45	21.88
		2593 (40620)	25.33	25.53	25.29	21.96
		2547(40160)	24.66	24.94	24.65	21.94
		2501 (39700)	24.70	24.95	24.68	21.92
	1RB-Middle (24)	2685 (41540)	24.69	24.88	24.66	21.97
		2639(41080)	24.50	24.75	24.48	21.89
		2593 (40620)	25.32	25.54	25.27	21.99
		2547(40160)	24.62	24.88	24.65	21.94
		2501 (39700)	24.59	24.82	24.54	21.92
	1RB-Low (0)	2685 (41540)	24.90	25.05	24.81	21.91
		2639(41080)	24.59	24.80	24.55	21.96
		2593 (40620)	25.31	25.53	25.29	21.93
		2547(40160)	24.73	24.97	24.73	21.99
		2501 (39700)	24.54	24.77	24.51	21.89
	25RB-High (25)	2685 (41540)	24.64	24.72	24.24	21.89
		2639(41080)	24.42	24.47	23.99	21.94
		2593 (40620)	25.27	25.34	24.87	21.97
		2547(40160)	24.59	24.64	24.17	21.93

		2501 (39700)	24.60	24.65	24.19	21.96
	25RB-Middle (12)	2685 (41540)	24.65	24.73	24.25	21.98
		2639(41080)	24.45	24.48	24.02	21.89
		2593 (40620)	25.25	25.30	24.82	21.98
		2547(40160)	24.60	24.63	24.17	21.96
		2501 (39700)	24.55	24.60	24.12	21.90
	25RB-Low (0)	2685 (41540)	24.76	24.84	24.34	21.93
		2639(41080)	24.50	24.56	24.08	21.93
		2593 (40620)	25.26	25.32	24.84	21.96
		2547(40160)	24.64	24.70	24.22	21.91
		2501 (39700)	24.50	24.54	24.08	21.96
	50RB (0)	2685 (41540)	24.71	24.77	24.24	21.99
		2639(41080)	24.48	24.53	23.98	21.89
		2593 (40620)	25.25	25.32	24.79	21.91
		2547(40160)	24.61	24.70	24.15	21.94
		2501 (39700)	24.57	24.62	24.10	21.90
15MHz	1RB-High (74)	2682.5 (41515)	24.58	24.77	24.50	21.97
		2637.8(41068)	24.50	24.74	24.47	21.91
		2593 (40620)	25.37	25.55	25.28	21.99
		2548.3(40173)	24.73	24.96	24.67	21.88
		2503.5 (39725)	24.84	25.04	24.74	21.91
	1RB-Middle (37)	2682.5 (41515)	24.80	24.98	24.74	21.96
		2637.8(41068)	24.59	24.80	24.54	21.97
		2593 (40620)	25.41	25.59	25.34	21.90
		2548.3(40173)	24.74	24.95	24.67	21.88
		2503.5 (39725)	24.71	24.93	24.64	21.92
	1RB-Low (0)	2682.5 (41515)	25.01	25.21	24.95	21.88
		2637.8(41068)	24.70	24.90	24.66	21.90
		2593 (40620)	25.31	25.52	25.26	21.88
		2548.3(40173)	24.79	25.02	24.75	21.98
		2503.5 (39725)	24.59	24.79	24.51	21.92
	36RB-High (38)	2682.5 (41515)	24.71	24.72	24.23	21.89
		2637.8(41068)	24.46	24.47	23.95	21.92
		2593 (40620)	25.34	25.32	24.81	21.94
		2548.3(40173)	24.68	24.63	24.11	21.91
		2503.5 (39725)	24.76	24.72	24.23	21.94

	36RB-Middle (19)	2682.5 (41515)	24.76	24.79	24.30	21.91
		2637.8(41068)	24.50	24.48	23.97	21.91
		2593 (40620)	25.30	25.31	24.77	21.95
		2548.3(40173)	24.68	24.65	24.14	21.90
		2503.5 (39725)	24.66	24.64	24.12	21.98
	36RB-Low (0)	2682.5 (41515)	24.89	24.90	24.39	21.90
		2637.8(41068)	24.62	24.59	24.10	21.98
		2593 (40620)	25.34	25.29	24.80	21.97
		2548.3(40173)	24.74	24.71	24.21	21.98
		2503.5 (39725)	24.59	24.55	24.05	21.91
	75RB (0)	2682.5 (41515)	24.79	24.87	24.36	21.98
		2637.8(41068)	24.53	24.60	24.07	21.94
		2593 (40620)	25.35	25.39	24.86	21.88
		2548.3(40173)	24.68	24.73	24.21	21.91
		2503.5 (39725)	24.69	24.70	24.20	21.95
20MHz	1RB-High (99)	2680 (41490)	24.69	24.83	24.57	21.89
		2636.5(41055)	24.51	24.72	24.46	21.99
		2593 (40620)	25.40	25.54	25.29	21.92
		2549.5(40185)	24.78	24.99	24.67	21.89
		2506 (39750)	24.90	25.08	24.79	21.93
	1RB-Middle (50)	2680 (41490)	24.97	25.10	24.83	21.91
		2636.5(41055)	24.65	24.82	24.59	21.94
		2593 (40620)	25.46	25.61	25.34	21.98
		2549.5(40185)	24.75	24.98	24.63	21.99
		2506 (39750)	24.79	24.98	24.68	21.98
	1RB-Low (0)	2680 (41490)	24.92	25.10	24.85	21.91
		2636.5(41055)	24.85	25.05	24.79	21.89
		2593 (40620)	25.29	25.47	25.23	21.88
		2549.5(40185)	24.83	25.02	24.70	21.93
		2506 (39750)	24.62	24.81	24.50	21.88
	50RB-High (50)	2680 (41490)	24.85	24.88	24.35	21.96
		2636.5(41055)	24.52	24.54	24.00	21.90
		2593 (40620)	25.39	25.40	24.88	21.89
		2549.5(40185)	24.70	24.73	24.14	21.97
		2506 (39750)	24.86	24.87	24.31	21.95
	50RB-Middle (25)	2680 (41490)	24.96	24.98	24.46	21.97

		2636.5(41055)	24.60	24.62	24.08	21.97
		2593 (40620)	25.37	25.37	24.86	21.91
		2549.5(40185)	24.72	24.75	24.18	21.90
		2506 (39750)	24.78	24.79	24.25	21.97
	50RB-Low (0)	2680 (41490)	24.97	24.99	24.47	21.93
		2636.5(41055)	24.68	24.71	24.17	21.97
		2593 (40620)	25.40	25.35	24.83	21.89
		2549.5(40185)	24.79	24.79	24.24	21.99
		2506 (39750)	24.69	24.70	24.15	21.94
	100RB (0)	2680 (41490)	24.92	24.96	24.44	21.97
		2636.5(41055)	24.57	24.61	24.09	21.95
		2593 (40620)	25.36	25.38	24.77	21.90
		2549.5(40185)	24.74	24.79	24.20	21.95
		2506 (39750)	24.78	24.82	24.26	21.96

LTEB48- ANT2 DSI0/3

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	20.03	20.26	20.01	18.29
		55990	20.20	20.42	20.17	18.24
		55265	19.92	20.08	19.85	18.16
	1RB-Middle (12)	56715	20.05	20.27	19.96	18.15
		55990	20.26	20.43	20.18	18.28
		55265	20.00	20.11	19.84	18.22
	1RB-Low (0)	56715	20.01	20.24	20.00	18.28
		55990	20.13	20.36	20.10	18.20
		55265	19.89	20.08	19.86	18.30
	12RB-High (13)	56715	19.98	20.00	20.02	18.26
		55990	20.15	20.18	20.21	18.21
		55265	19.85	19.90	19.92	18.18
	12RB-Middle (6)	56715	19.95	19.96	20.00	18.27
		55990	20.14	20.16	20.19	18.28
		55265	19.85	19.87	19.89	18.08
	12RB-Low (0)	56715	19.99	20.02	20.05	18.22

		55990	20.14	20.16	20.18	18.23
		55265	19.87	19.89	19.92	18.08
	25RB (0)	56715	19.99	19.97	20.04	18.13
		55990	20.16	20.17	20.19	18.07
		55265	19.87	19.90	19.93	18.20
10MHz	1RB-High (49)	56690	20.01	20.29	20.03	18.27
		55990	20.24	20.48	20.24	18.31
		55290	19.93	20.15	19.86	18.19
	1RB-Middle (24)	56690	19.95	20.20	19.96	18.12
		55990	20.14	20.38	20.11	18.21
		55290	19.87	20.11	19.86	18.19
	1RB-Low (0)	56690	20.01	20.28	20.02	18.11
		55990	20.18	20.41	20.15	18.17
		55290	19.94	20.13	19.87	18.16
	25RB-High (25)	56690	19.93	19.98	20.04	18.11
		55990	20.14	20.18	20.22	18.07
		55290	19.83	19.87	19.92	18.27
	25RB-Middle (12)	56690	19.90	19.95	20.03	18.14
		55990	20.09	20.11	20.17	18.29
		55290	19.82	19.85	19.89	18.29
	25RB-Low (0)	56690	19.93	19.98	20.01	18.23
		55990	20.12	20.13	20.22	18.27
		55290	19.85	19.87	19.93	18.07
	50RB (0)	56690	19.94	19.99	19.97	18.11
		55990	20.13	20.19	20.14	18.23
		55290	19.85	19.90	19.90	18.17
15MHz	1RB-High (74)	56665	20.02	20.03	20.03	18.09
		55990	20.19	20.19	20.20	18.19
		55315	19.85	19.83	19.81	18.24
	1RB-Middle (37)	56665	20.01	20.01	20.02	18.13
		55990	20.16	20.19	20.13	18.16
		55315	19.90	19.90	19.85	18.15
	1RB-Low (0)	56665	20.02	20.04	20.00	18.28
		55990	20.13	20.11	20.11	18.26
		55315	19.90	19.91	19.88	18.14

	36RB-High (38)	56665	19.95	19.91	19.96	18.17
		55990	20.15	20.13	20.16	18.13
		55315	19.83	19.81	19.85	18.28
	36RB-Middle (19)	56665	19.93	19.90	19.93	18.28
		55990	20.13	20.09	20.13	18.30
		55315	19.84	19.80	19.85	18.11
	36RB-Low (0)	56665	19.98	19.94	19.97	18.13
		55990	20.11	20.09	20.12	18.09
		55315	19.87	19.84	19.87	18.31
	75RB (0)	56665	19.95	20.00	20.00	18.08
		55990	20.12	20.17	20.17	18.10
		55315	19.86	19.87	19.91	18.10
20MHz	1RB-High (99)	56640	20.00	20.27	20.03	18.11
		55990	20.18	20.43	20.19	18.26
		55340	19.81	20.04	19.77	18.25
	1RB-Middle (50)	56640	20.04	20.23	20.02	18.26
		55990	20.19	20.39	20.14	18.15
		55340	19.93	20.09	19.86	18.30
	1RB-Low (0)	56640	20.00	20.27	20.00	18.12
		55990	20.08	20.31	20.06	18.08
		55340	19.91	20.12	19.87	18.12
	50RB-High (50)	56640	19.98	20.00	20.02	18.23
		55990	20.16	20.19	20.20	18.24
		55340	19.80	19.85	19.85	18.08
	50RB-Middle (25)	56640	19.95	20.00	20.02	18.19
		55990	20.13	20.17	20.18	18.10
		55340	19.87	19.90	19.89	18.14
	50RB-Low (0)	56640	19.97	20.02	20.02	18.25
		55990	20.17	20.15	20.16	18.12
		55340	19.88	19.93	19.93	18.21
	100RB (0)	56640	19.95	20.03	20.04	18.16
		55990	20.11	20.21	20.19	18.11
		55340	19.86	19.90	19.92	18.25

LTEB48- ANT2 DSI1/4

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	19.00	19.26	19.00	18.09
		55990	19.16	19.41	19.16	18.02
		55265	18.88	19.06	18.84	18.30
	1RB-Middle (12)	56715	19.07	19.26	19.00	18.14
		55990	19.20	19.34	19.12	18.17
		55265	18.96	19.03	18.85	18.15
	1RB-Low (0)	56715	18.98	19.23	18.99	18.21
		55990	19.10	19.32	19.13	18.17
		55265	18.85	19.05	18.85	18.11
	12RB-High (13)	56715	18.96	19.01	19.01	18.04
		55990	19.14	19.18	19.18	18.27
		55265	18.84	18.88	18.91	18.30
	12RB-Middle (6)	56715	18.93	18.98	18.98	18.03
		55990	19.12	19.11	19.14	18.28
		55265	18.84	18.85	18.88	18.20
	12RB-Low (0)	56715	18.98	19.02	19.04	18.29
		55990	19.11	19.12	19.17	18.19
		55265	18.86	18.87	18.91	18.04
	25RB (0)	56715	18.94	18.99	19.02	18.25
		55990	19.13	19.15	19.18	18.12
		55265	18.87	18.88	18.90	18.26
10MHz	1RB-High (49)	56690	19.05	19.29	19.02	18.18
		55990	19.23	19.48	19.22	18.02
		55290	18.88	19.09	18.86	18.12
	1RB-Middle (24)	56690	18.95	19.23	18.96	18.29
		55990	19.13	19.38	19.08	18.24
		55290	18.87	19.05	18.82	18.27
	1RB-Low (0)	56690	19.04	19.27	19.01	18.05
		55990	19.15	19.38	19.13	18.02
		55290	18.93	19.10	18.87	18.05
	25RB-High (25)	56690	18.95	18.97	19.01	18.18

		55990	19.15	19.16	19.21	18.24
		55290	18.83	18.86	18.89	18.19
	25RB-Middle (12)	56690	18.91	18.96	18.99	18.20
		55990	19.09	19.09	19.15	18.09
		55290	18.82	18.83	18.86	18.26
	25RB-Low (0)	56690	18.94	18.97	19.01	18.11
		55990	19.12	19.15	19.19	18.11
		55290	18.84	18.87	18.90	18.15
	50RB (0)	56690	18.96	19.02	18.95	18.15
		55990	19.11	19.16	19.14	18.25
		55290	18.86	18.89	18.83	18.24
15MHz	1RB-High (74)	56665	19.08	19.09	19.07	18.21
		55990	19.24	19.46	19.21	18.19
		55315	18.89	19.06	18.85	18.18
	1RB-Middle (37)	56665	19.06	19.08	19.05	18.02
		55990	19.19	19.40	19.17	18.19
		55315	18.94	19.10	18.89	18.29
	1RB-Low (0)	56665	19.06	19.06	19.06	18.29
		55990	19.15	19.38	19.13	18.03
		55315	18.94	19.11	18.91	18.13
	36RB-High (38)	56665	18.99	18.95	18.98	18.17
		55990	19.19	19.15	19.17	18.02
		55315	18.89	18.82	18.86	18.04
	36RB-Middle (19)	56665	18.96	18.94	18.95	18.28
		55990	19.13	19.12	19.10	18.02
		55315	18.86	18.81	18.84	18.27
	36RB-Low (0)	56665	19.02	18.97	19.00	18.26
		55990	19.15	19.12	19.15	18.12
		55315	18.91	18.87	18.90	18.16
	75RB (0)	56665	18.99	19.03	19.05	18.28
		55990	19.16	19.20	19.21	18.18
		55315	18.88	18.90	18.92	18.12
20MHz	1RB-High (99)	56640	19.10	19.34	19.08	18.05
		55990	19.26	19.48	19.23	18.09
		55340	18.84	19.06	18.80	18.18

	1RB-Middle (50)	56640	19.08	19.28	19.05	18.23
		55990	19.27	19.43	19.19	18.30
		55340	18.90	19.12	18.89	18.14
	1RB-Low (0)	56640	19.11	19.32	19.04	18.28
		55990	19.13	19.34	19.08	18.02
		55340	18.96	19.15	18.91	18.26
	50RB-High (50)	56640	19.04	19.07	19.05	18.04
		55990	19.26	19.24	19.23	18.01
		55340	18.87	18.88	18.86	18.03
	50RB-Middle (25)	56640	19.04	19.05	19.07	18.26
		55990	19.17	19.22	19.17	18.21
		55340	18.90	18.93	18.91	18.24
	50RB-Low (0)	56640	19.04	19.07	19.05	18.25
		55990	19.17	19.19	19.17	18.04
		55340	18.91	18.95	18.93	18.01
	100RB (0)	56640	19.03	19.08	19.07	18.11
		55990	19.19	19.22	19.23	18.21
		55340	18.88	18.93	18.93	18.25

LTEB48- ANT2 DSI2/5

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	20.51	20.76	20.52	18.31
		55990	20.68	20.92	20.66	18.14
		55265	20.37	20.58	20.33	18.12
	1RB-Middle (12)	56715	20.56	20.76	20.51	18.26
		55990	20.67	20.93	20.62	18.03
		55265	20.46	20.59	20.31	18.29
	1RB-Low (0)	56715	20.49	20.75	20.50	18.31
		55990	20.63	20.85	20.62	18.07
		55265	20.38	20.58	20.34	18.24
	12RB-High (13)	56715	20.49	20.53	20.05	18.28
		55990	20.64	20.71	20.21	18.20
		55265	20.35	20.39	19.91	18.12

	12RB-Middle (6)	56715	20.44	20.48	20.02	18.08
		55990	20.63	20.67	20.17	18.07
		55265	20.34	20.38	19.89	18.22
	12RB-Low (0)	56715	20.50	20.55	20.05	18.27
		55990	20.61	20.67	20.19	18.25
		55265	20.38	20.38	19.92	18.26
	25RB (0)	56715	20.51	20.52	20.03	18.21
		55990	20.66	20.69	20.20	18.26
		55265	20.38	20.43	19.92	18.24
10MHz	1RB-High (49)	56690	20.51	20.79	20.51	18.31
		55990	20.72	20.99	20.71	18.23
		55290	20.40	20.60	20.32	18.29
	1RB-Middle (24)	56690	20.44	20.75	20.45	18.31
		55990	20.63	20.86	20.60	18.06
		55290	20.35	20.58	20.33	18.29
	1RB-Low (0)	56690	20.51	20.76	20.50	18.25
		55990	20.66	20.89	20.64	18.26
		55290	20.39	20.60	20.36	18.11
	25RB-High (25)	56690	20.45	20.48	20.04	18.16
		55990	20.65	20.68	20.22	18.24
		55290	20.32	20.35	19.90	18.06
	25RB-Middle (12)	56690	20.44	20.45	20.02	18.04
		55990	20.60	20.64	20.17	18.09
		55290	20.32	20.36	19.88	18.08
	25RB-Low (0)	56690	20.43	20.46	20.01	18.16
		55990	20.61	20.65	20.20	18.07
		55290	20.35	20.37	19.90	18.14
	50RB (0)	56690	20.45	20.52	19.97	18.25
		55990	20.61	20.67	20.15	18.12
		55290	20.34	20.38	19.84	18.25
15MHz	1RB-High (74)	56665	20.56	20.79	20.54	18.11
		55990	20.71	20.92	20.68	18.31
		55315	20.36	20.55	20.30	18.08
	1RB-Middle (37)	56665	20.56	20.78	20.52	18.20
		55990	20.69	20.90	20.64	18.06

		55315	20.41	20.58	20.35	18.24
	1RB-Low (0)	56665	20.53	20.77	20.54	18.30
		55990	20.62	20.84	20.62	18.31
		55315	20.41	20.60	20.37	18.22
	36RB-High (38)	56665	20.49	20.47	19.96	18.28
		55990	20.67	20.62	20.16	18.14
		55315	20.36	20.31	19.86	18.03
	36RB-Middle (19)	56665	20.46	20.46	19.96	18.03
		55990	20.63	20.61	20.14	18.29
		55315	20.37	20.32	19.84	18.26
	36RB-Low (0)	56665	20.50	20.47	19.99	18.23
		55990	20.62	20.62	20.13	18.29
		55315	20.37	20.34	19.88	18.10
	75RB (0)	56665	20.46	20.51	20.02	18.08
		55990	20.64	20.68	20.17	18.31
		55315	20.36	20.39	19.90	18.07
20MHz	1RB-High (99)	56640	20.56	20.82	20.53	18.31
		55990	20.74	20.98	20.71	18.27
		55340	20.31	20.54	20.27	18.13
	1RB-Middle (50)	56640	20.55	20.76	20.54	18.16
		55990	20.75	20.92	20.68	18.03
		55340	20.41	20.60	20.35	18.14
	1RB-Low (0)	56640	20.57	20.81	20.53	18.11
		55990	20.62	20.83	20.59	18.23
		55340	20.43	20.63	20.37	18.12
	50RB-High (50)	56640	20.53	20.56	20.04	18.27
		55990	20.72	20.73	20.24	18.25
		55340	20.34	20.37	19.86	18.19
	50RB-Middle (25)	56640	20.50	20.56	20.04	18.23
		55990	20.68	20.72	20.20	18.17
		55340	20.38	20.43	19.90	18.24
	50RB-Low (0)	56640	20.52	20.56	20.03	18.28
		55990	20.73	20.69	20.18	18.24
		55340	20.42	20.45	19.91	18.07
	100RB (0)	56640	20.50	20.57	20.07	18.28
		55990	20.66	20.74	20.21	18.26

		55340	20.37	20.42	19.93	18.09

LTEB66- ANT2 DSI0

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	19.86	20.18	20.04	18.90
		1745 (132322)	19.67	19.97	19.92	18.90
		1710.7 (131979)	19.90	20.18	20.14	18.71
	1RB-Middle (3)	1779.3 (132665)	19.86	20.13	20.01	18.73
		1745 (132322)	19.64	19.88	19.82	18.71
		1710.7 (131979)	19.92	20.15	20.00	18.91
	1RB-Low (0)	1779.3 (132665)	19.89	20.07	20.11	18.86
		1745 (132322)	19.66	20.05	19.86	18.86
		1710.7 (131979)	19.91	20.23	20.04	18.75
	3RB-High (3)	1779.3 (132665)	19.90	19.86	19.99	18.74
		1745 (132322)	19.67	19.62	19.71	18.83
		1710.7 (131979)	19.90	19.94	19.99	18.76
	3RB-Middle (1)	1779.3 (132665)	19.85	19.81	19.94	18.83
		1745 (132322)	19.64	19.65	19.70	18.90
		1710.7 (131979)	19.87	19.81	19.97	18.84
	3RB-Low (0)	1779.3 (132665)	19.88	19.78	19.93	18.72
		1745 (132322)	19.69	19.66	19.78	18.91
		1710.7 (131979)	19.88	19.90	19.99	18.70
	6RB (0)	1779.3 (132665)	19.83	19.97	19.89	18.72
		1745 (132322)	19.70	19.72	19.64	18.70
		1710.7 (131979)	19.92	19.99	19.90	18.88
3MHz	1RB-High (14)	1778.5 (132657)	19.81	20.24	19.98	18.73
		1745 (132322)	19.65	19.89	19.87	18.83
		1711.5 (131987)	19.88	20.25	19.98	18.81
	1RB-Middle (7)	1778.5 (132657)	19.89	20.27	20.20	18.70
		1745 (132322)	19.87	19.97	19.99	18.90
		1711.5 (131987)	19.90	20.19	20.13	18.78
	1RB-Low (0)	1778.5 (132657)	19.88	20.17	20.04	18.86

		1745 (132322)	19.64	19.96	19.96	18.86
		1711.5 (131987)	19.90	20.29	20.21	18.91
	8RB-High (7)	1778.5 (132657)	19.88	19.98	19.91	18.82
		1745 (132322)	19.69	19.78	19.78	18.73
		1711.5 (131987)	19.83	19.98	19.98	18.74
	8RB-Middle (4)	1778.5 (132657)	19.94	19.95	19.89	18.84
		1745 (132322)	19.67	19.73	19.71	18.72
		1711.5 (131987)	19.90	19.97	19.94	18.77
	8RB-Low (0)	1778.5 (132657)	19.89	20.00	20.00	18.79
		1745 (132322)	19.64	19.73	19.70	18.67
		1711.5 (131987)	19.87	19.98	19.94	18.78
	15RB (0)	1778.5 (132657)	19.94	19.96	19.87	18.90
		1745 (132322)	19.62	19.71	19.67	18.80
		1711.5 (131987)	19.86	19.88	19.92	18.68
5MHz	1RB-High (24)	1777.5 (132647)	19.95	20.20	20.12	18.77
		1745 (132322)	19.72	20.17	19.83	18.88
		1712.5 (131997)	19.94	20.15	20.04	18.88
	1RB-Middle (12)	1777.5 (132647)	20.06	20.28	20.04	18.76
		1745 (132322)	19.77	20.26	19.97	18.80
		1712.5 (131997)	19.98	20.38	20.19	18.80
	1RB-Low (0)	1777.5 (132647)	19.94	20.36	20.14	18.92
		1745 (132322)	19.69	20.01	19.86	18.92
		1712.5 (131997)	20.01	20.39	20.26	18.84
	12RB-High (13)	1777.5 (132647)	19.92	19.96	19.99	18.66
		1745 (132322)	19.72	19.79	19.80	18.80
		1712.5 (131997)	19.92	19.93	19.95	18.91
	12RB-Middle (6)	1777.5 (132647)	19.94	19.98	20.01	18.76
		1745 (132322)	19.74	19.71	19.73	18.87
		1712.5 (131997)	19.92	19.92	19.97	18.66
	12RB-Low (0)	1777.5 (132647)	19.99	19.99	20.04	18.83
		1745 (132322)	19.72	19.76	19.79	18.71
		1712.5 (131997)	19.94	19.98	19.95	18.93
	25RB (0)	1777.5 (132647)	19.99	19.93	19.96	18.93
		1745 (132322)	19.75	19.76	19.71	18.79
		1712.5 (131997)	19.96	19.98	19.96	18.74

10MHz	1RB-High (49)	1775 (132622)	20.03	20.17	20.06	18.81
		1745 (132322)	19.78	20.12	19.94	18.90
		1715 (132022)	19.89	20.22	20.05	18.79
	1RB-Middle (24)	1775 (132622)	19.94	20.23	20.13	18.84
		1745 (132322)	19.73	20.10	20.01	18.91
		1715 (132022)	19.91	20.11	20.15	18.76
	1RB-Low (0)	1775 (132622)	20.05	20.43	20.11	18.92
		1745 (132322)	19.78	20.09	19.92	18.90
		1715 (132022)	20.05	20.42	20.20	18.86
	25RB-High (25)	1775 (132622)	19.94	19.96	19.95	18.83
		1745 (132322)	19.78	19.77	19.73	18.84
		1715 (132022)	19.90	19.92	19.91	18.72
	25RB-Middle (12)	1775 (132622)	20.00	19.99	19.94	18.89
		1745 (132322)	19.69	19.71	19.66	18.82
		1715 (132022)	19.89	19.88	19.91	18.89
	25RB-Low (0)	1775 (132622)	20.00	19.95	19.96	18.93
		1745 (132322)	19.73	19.74	19.69	18.82
		1715 (132022)	19.95	19.95	19.97	18.76
	50RB (0)	1775 (132622)	19.98	19.94	19.97	18.82
		1745 (132322)	19.78	19.73	19.72	18.91
		1715 (132022)	19.95	19.91	19.94	18.89
15MHz	1RB-High (74)	1772.5 (132597)	19.99	20.29	20.11	18.74
		1745 (132322)	19.76	20.11	19.98	18.78
		1717.5 (132047)	19.89	20.19	19.97	18.74
	1RB-Middle (37)	1772.5 (132597)	20.02	20.38	20.24	18.93
		1745 (132322)	19.80	20.14	19.91	18.67
		1717.5 (132047)	19.94	20.34	20.09	18.87
	1RB-Low (0)	1772.5 (132597)	19.85	20.14	20.09	18.93
		1745 (132322)	19.80	20.18	20.01	18.69
		1717.5 (132047)	20.01	20.48	20.28	18.71
	36RB-High (38)	1772.5 (132597)	20.02	19.99	20.03	18.82
		1745 (132322)	19.79	19.76	19.83	18.87
		1717.5 (132047)	19.90	19.87	19.93	18.66
	36RB-Middle (19)	1772.5 (132597)	19.98	19.96	19.98	18.90
		1745 (132322)	19.75	19.75	19.72	18.72
		1717.5 (132047)	19.91	19.90	19.93	18.75

	36RB-Low (0)	1772.5 (132597)	20.00	19.93	19.97	18.68
		1745 (132322)	19.79	19.76	19.79	18.87
		1717.5 (132047)	19.99	19.92	19.99	18.77
	75RB (0)	1772.5 (132597)	19.99	19.97	19.96	18.81
		1745 (132322)	19.76	19.76	19.76	18.85
		1717.5 (132047)	19.94	19.90	19.90	18.73
20MHz	1RB-High (99)	1770 (132572)	19.96	20.23	20.11	18.83
		1745 (132322)	19.82	20.21	20.05	18.89
		1720 (132072)	19.85	20.17	20.08	18.68
	1RB-Middle (50)	1770 (132572)	20.02	20.33	20.18	18.88
		1745 (132322)	19.78	20.20	19.91	18.75
		1720 (132072)	20.08	20.15	20.07	18.91
	1RB-Low (0)	1770 (132572)	19.83	20.30	20.02	18.77
		1745 (132322)	19.84	20.11	20.03	18.80
		1720 (132072)	20.07	20.39	20.29	18.67
	50RB-High (50)	1770 (132572)	20.03	20.02	20.04	18.83
		1745 (132322)	19.83	19.80	19.80	18.69
		1720 (132072)	19.91	19.90	19.88	18.72
	50RB-Middle (25)	1770 (132572)	19.99	19.98	19.99	18.90
		1745 (132322)	19.81	19.77	19.77	18.78
		1720 (132072)	19.93	19.91	19.90	18.76
	50RB-Low (0)	1770 (132572)	20.04	19.93	19.96	18.89
		1745 (132322)	19.82	19.82	19.77	18.72
		1720 (132072)	19.99	19.95	19.95	18.91
	100RB (0)	1770 (132572)	20.02	20.03	20.01	18.88
		1745 (132322)	19.78	19.79	19.82	18.91
		1720 (132072)	19.94	19.93	19.92	18.90

LTEB66- ANT2 DSI1

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	21.84	21.87	21.88	19.22
		1745 (132322)	21.73	21.74	21.88	19.20
		1710.7 (131979)	21.89	21.71	21.71	19.03
	1RB-Middle (3)	1779.3 (132665)	21.88	21.71	21.85	19.20

		1745 (132322)	21.76	21.70	21.81	19.10
		1710.7 (131979)	21.90	21.73	21.82	19.05
	1RB-Low (0)	1779.3 (132665)	21.87	21.81	21.76	19.10
		1745 (132322)	21.84	21.83	21.77	19.03
		1710.7 (131979)	21.78	21.86	21.79	19.13
	3RB-High (3)	1779.3 (132665)	21.78	21.82	21.90	19.11
		1745 (132322)	21.78	21.78	21.84	19.07
		1710.7 (131979)	21.86	21.86	21.84	19.00
	3RB-Middle (1)	1779.3 (132665)	21.77	21.75	21.70	19.00
		1745 (132322)	21.85	21.88	21.84	19.22
		1710.7 (131979)	21.86	21.72	21.78	19.15
	3RB-Low (0)	1779.3 (132665)	21.70	21.70	21.80	19.23
		1745 (132322)	21.73	21.75	21.86	19.14
		1710.7 (131979)	21.85	21.84	21.77	19.08
	6RB (0)	1779.3 (132665)	21.84	21.86	21.87	19.11
		1745 (132322)	21.80	21.84	21.79	19.17
		1710.7 (131979)	21.89	21.86	21.75	19.09
3MHz	1RB-High (14)	1778.5 (132657)	21.74	21.82	21.87	19.11
		1745 (132322)	21.76	21.82	21.70	19.06
		1711.5 (131987)	21.83	21.87	21.83	19.14
	1RB-Middle (7)	1778.5 (132657)	21.72	21.81	21.75	19.00
		1745 (132322)	21.82	21.78	21.87	19.16
		1711.5 (131987)	21.74	21.80	21.82	19.11
	1RB-Low (0)	1778.5 (132657)	21.87	21.73	21.90	19.01
		1745 (132322)	21.81	21.79	21.77	19.10
		1711.5 (131987)	21.85	21.87	21.89	19.18
	8RB-High (7)	1778.5 (132657)	21.88	21.82	21.76	19.18
		1745 (132322)	21.72	21.70	21.79	19.22
		1711.5 (131987)	21.81	21.74	21.71	19.14
	8RB-Middle (4)	1778.5 (132657)	21.71	21.78	21.76	19.24
		1745 (132322)	21.85	21.76	21.79	19.03
		1711.5 (131987)	21.78	21.72	21.88	19.19
	8RB-Low (0)	1778.5 (132657)	21.80	21.90	21.75	19.12
		1745 (132322)	21.85	21.81	21.90	19.02
		1711.5 (131987)	21.88	21.74	21.74	19.05
	15RB (0)	1778.5 (132657)	21.81	21.88	21.71	19.20

		1745 (132322)	21.78	21.89	21.82	19.17
		1711.5 (131987)	21.82	21.76	21.80	19.03
5MHz	1RB-High (24)	1777.5 (132647)	21.74	21.86	21.85	19.02
		1745 (132322)	21.88	21.71	21.79	19.03
		1712.5 (131997)	21.74	21.77	21.73	19.08
	1RB-Middle (12)	1777.5 (132647)	21.80	21.85	21.72	19.09
		1745 (132322)	21.87	21.84	21.71	19.12
		1712.5 (131997)	21.81	21.74	21.88	19.10
	1RB-Low (0)	1777.5 (132647)	21.87	21.84	21.77	19.24
		1745 (132322)	21.85	21.80	21.82	19.21
		1712.5 (131997)	21.75	21.87	21.73	19.09
	12RB-High (13)	1777.5 (132647)	21.71	21.75	21.71	19.24
		1745 (132322)	21.78	21.82	21.72	19.08
		1712.5 (131997)	21.88	21.83	21.84	19.21
	12RB-Middle (6)	1777.5 (132647)	21.73	21.89	21.75	19.01
		1745 (132322)	21.80	21.73	21.77	19.06
		1712.5 (131997)	21.81	21.88	21.71	19.22
	12RB-Low (0)	1777.5 (132647)	21.73	21.78	21.81	19.21
		1745 (132322)	21.88	21.71	21.88	19.23
		1712.5 (131997)	21.84	21.73	21.87	19.21
	25RB (0)	1777.5 (132647)	21.74	21.80	21.73	19.06
		1745 (132322)	21.88	21.78	21.85	19.24
		1712.5 (131997)	21.85	21.76	21.85	19.12
10MHz	1RB-High (49)	1775 (132622)	21.81	21.70	21.78	19.07
		1745 (132322)	21.72	21.89	21.89	19.23
		1715 (132022)	21.71	21.80	21.74	19.15
	1RB-Middle (24)	1775 (132622)	21.83	21.80	21.87	19.17
		1745 (132322)	21.73	21.86	21.86	19.20
		1715 (132022)	21.89	21.72	21.75	19.17
	1RB-Low (0)	1775 (132622)	21.81	21.79	21.74	19.02
		1745 (132322)	21.72	21.73	21.83	19.06
		1715 (132022)	21.80	21.86	21.74	19.24
	25RB-High (25)	1775 (132622)	21.88	21.85	21.73	19.24
		1745 (132322)	21.81	21.72	21.74	19.12
		1715 (132022)	21.88	21.77	21.75	19.12

	25RB-Middle (12)	1775 (132622)	21.78	21.78	21.71	19.05
		1745 (132322)	21.90	21.71	21.80	19.17
		1715 (132022)	21.80	21.88	21.81	19.22
	25RB-Low (0)	1775 (132622)	21.81	21.88	21.74	19.18
		1745 (132322)	21.80	21.79	21.86	19.15
		1715 (132022)	21.78	21.89	21.90	19.23
	50RB (0)	1775 (132622)	21.86	21.89	21.72	19.06
		1745 (132322)	21.87	21.80	21.70	19.13
		1715 (132022)	21.70	21.85	21.70	19.17
15MHz	1RB-High (74)	1772.5 (132597)	21.73	21.78	21.75	19.18
		1745 (132322)	21.78	21.79	21.86	19.09
		1717.5 (132047)	21.80	21.81	21.87	19.03
	1RB-Middle (37)	1772.5 (132597)	21.71	21.71	21.77	19.22
		1745 (132322)	21.71	21.79	21.88	19.07
		1717.5 (132047)	21.80	21.79	21.83	19.01
	1RB-Low (0)	1772.5 (132597)	21.83	21.78	21.81	19.15
		1745 (132322)	21.87	21.78	21.89	19.18
		1717.5 (132047)	21.74	21.80	21.80	19.15
	36RB-High (38)	1772.5 (132597)	21.73	21.86	21.72	19.04
		1745 (132322)	21.75	21.72	21.71	19.06
		1717.5 (132047)	21.71	21.74	21.72	19.22
	36RB-Middle (19)	1772.5 (132597)	21.72	21.77	21.87	19.23
		1745 (132322)	21.70	21.82	21.78	19.20
		1717.5 (132047)	21.70	21.85	21.79	19.16
	36RB-Low (0)	1772.5 (132597)	21.74	21.74	21.71	19.03
		1745 (132322)	21.79	21.90	21.83	19.16
		1717.5 (132047)	21.78	21.87	21.86	19.03
	75RB (0)	1772.5 (132597)	21.80	21.90	21.77	19.20
		1745 (132322)	21.71	21.81	21.79	19.04
		1717.5 (132047)	21.75	21.70	21.82	19.05
20MHz	1RB-High (99)	1770 (132572)	21.84	21.77	21.78	19.00
		1745 (132322)	21.82	21.82	21.73	19.06
		1720 (132072)	21.87	21.77	21.79	19.15
	1RB-Middle (50)	1770 (132572)	21.70	21.87	21.80	19.14
		1745 (132322)	21.92	21.81	21.75	19.22

		1720 (132072)	21.80	21.70	21.75	19.10
	1RB-Low (0)	1770 (132572)	21.88	21.84	21.81	19.23
		1745 (132322)	21.83	21.86	21.81	19.06
		1720 (132072)	21.90	21.89	21.73	19.19
	50RB-High (50)	1770 (132572)	21.77	21.71	21.86	19.11
		1745 (132322)	21.85	21.89	21.90	19.21
		1720 (132072)	21.72	21.73	21.84	19.06
	50RB-Middle (25)	1770 (132572)	21.92	21.77	21.87	19.18
		1745 (132322)	21.75	21.78	21.73	19.01
		1720 (132072)	21.89	21.71	21.79	19.23
	50RB-Low (0)	1770 (132572)	21.75	21.88	21.90	19.18
		1745 (132322)	21.74	21.87	21.78	19.19
		1720 (132072)	21.86	21.70	21.89	19.15
	100RB (0)	1770 (132572)	21.72	21.81	21.70	19.08
		1745 (132322)	21.80	21.79	21.88	19.11
		1720 (132072)	21.77	21.87	21.84	19.16

LTEB66- ANT2 DSI2

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	22.90	23.08	22.07	18.66
		1745 (132322)	22.70	22.88	21.95	18.87
		1710.7 (131979)	23.02	23.21	22.11	18.91
	1RB-Middle (3)	1779.3 (132665)	22.94	23.05	22.06	18.78
		1745 (132322)	22.72	23.04	21.89	18.75
		1710.7 (131979)	22.99	23.19	22.11	18.93
	1RB-Low (0)	1779.3 (132665)	22.87	23.26	22.08	18.93
		1745 (132322)	22.71	23.03	21.88	18.76
		1710.7 (131979)	23.14	23.17	22.16	18.72
	3RB-High (3)	1779.3 (132665)	22.96	23.02	21.96	18.91
		1745 (132322)	22.73	22.62	21.75	18.81

		1710.7 (131979)	22.96	22.97	21.97	18.90
	3RB-Middle (1)	1779.3 (132665)	22.94	22.93	22.02	18.74
		1745 (132322)	22.68	22.69	21.73	18.82
		1710.7 (131979)	22.93	22.86	21.96	18.81
	3RB-Low (0)	1779.3 (132665)	22.99	23.01	22.05	18.69
		1745 (132322)	22.69	22.68	21.74	18.83
		1710.7 (131979)	22.96	22.95	21.93	18.78
	6RB (0)	1779.3 (132665)	22.96	22.06	20.93	18.76
		1745 (132322)	22.69	21.77	20.72	18.70
		1710.7 (131979)	23.00	22.06	20.94	18.89
3MHz	1RB-High (14)	1778.5 (132657)	22.89	23.03	22.11	18.82
		1745 (132322)	22.73	22.86	21.87	18.87
		1711.5 (131987)	23.02	23.11	22.04	18.69
	1RB-Middle (7)	1778.5 (132657)	22.95	23.12	22.20	18.74
		1745 (132322)	22.75	23.21	21.96	18.71
		1711.5 (131987)	23.20	23.33	22.09	18.81
	1RB-Low (0)	1778.5 (132657)	22.96	23.29	22.13	18.90
		1745 (132322)	22.72	22.87	21.89	18.71
		1711.5 (131987)	22.94	23.22	22.13	18.89
	8RB-High (7)	1778.5 (132657)	22.95	22.03	20.99	18.83
		1745 (132322)	22.73	21.76	20.77	18.82
		1711.5 (131987)	23.00	22.02	20.97	18.78
	8RB-Middle (4)	1778.5 (132657)	22.98	22.03	21.02	18.79
		1745 (132322)	22.71	21.77	20.75	18.74
		1711.5 (131987)	22.94	21.99	20.95	18.84
	8RB-Low (0)	1778.5 (132657)	23.01	22.00	21.04	18.82
		1745 (132322)	22.68	21.77	20.72	18.86
		1711.5 (131987)	22.93	22.02	20.96	18.69
	15RB (0)	1778.5 (132657)	22.97	21.97	20.96	18.92
		1745 (132322)	22.71	21.80	20.69	18.75
		1711.5 (131987)	22.95	22.06	20.96	18.67
5MHz	1RB-High (24)	1777.5 (132647)	22.95	23.16	22.20	18.80
		1745 (132322)	22.74	22.96	21.98	18.85
		1712.5 (131997)	22.98	23.20	22.07	18.66
	1RB-Middle (12)	1777.5 (132647)	23.01	23.21	22.22	18.76

		1745 (132322)	22.98	23.13	22.02	18.80
		1712.5 (131997)	23.00	23.17	22.17	18.82
	1RB-Low (0)	1777.5 (132647)	22.98	23.22	22.21	18.76
		1745 (132322)	22.74	22.95	21.91	18.74
		1712.5 (131997)	23.02	23.29	22.13	18.89
	12RB-High (13)	1777.5 (132647)	22.96	22.00	21.02	18.79
		1745 (132322)	22.76	21.77	20.81	18.93
		1712.5 (131997)	23.02	21.99	20.98	18.71
	12RB-Middle (6)	1777.5 (132647)	22.99	22.06	21.06	18.86
		1745 (132322)	22.73	21.76	20.77	18.92
		1712.5 (131997)	23.01	21.95	21.01	18.68
	12RB-Low (0)	1777.5 (132647)	23.01	22.06	21.06	18.78
		1745 (132322)	22.77	21.75	20.78	18.79
		1712.5 (131997)	23.01	22.01	21.03	18.66
	25RB (0)	1777.5 (132647)	23.00	22.03	20.98	18.80
		1745 (132322)	22.81	21.78	20.78	18.89
		1712.5 (131997)	23.05	22.02	21.00	18.89
10MHz	1RB-High (49)	1775 (132622)	22.98	23.17	22.17	18.68
		1745 (132322)	22.77	23.10	21.96	18.93
		1715 (132022)	22.91	23.02	22.10	18.89
	1RB-Middle (24)	1775 (132622)	22.97	23.30	22.16	18.89
		1745 (132322)	22.73	23.01	21.96	18.89
		1715 (132022)	22.90	23.27	22.17	18.84
	1RB-Low (0)	1775 (132622)	23.01	23.36	22.20	18.74
		1745 (132322)	22.81	23.14	21.96	18.77
		1715 (132022)	23.03	23.36	22.26	18.86
	25RB-High (25)	1775 (132622)	23.00	22.02	20.96	18.74
		1745 (132322)	22.75	21.80	20.74	18.74
		1715 (132022)	22.95	21.95	20.92	18.80
	25RB-Middle (12)	1775 (132622)	23.05	22.04	20.99	18.74
		1745 (132322)	22.75	21.74	20.72	18.85
		1715 (132022)	22.94	21.94	20.91	18.87
	25RB-Low (0)	1775 (132622)	23.00	22.01	21.01	18.78
		1745 (132322)	22.77	21.75	20.74	18.81
		1715 (132022)	23.00	21.98	21.00	18.79
	50RB (0)	1775 (132622)	23.01	22.01	21.02	18.91

		1745 (132322)	22.77	21.76	20.78	18.66
		1715 (132022)	22.95	21.97	20.92	18.73
15MHz	1RB-High (74)	1772.5 (132597)	22.96	23.25	22.15	18.85
		1745 (132322)	22.80	23.00	21.96	18.66
		1717.5 (132047)	22.93	23.24	22.05	18.82
	1RB-Middle (37)	1772.5 (132597)	23.02	23.37	22.23	18.69
		1745 (132322)	22.86	23.16	22.01	18.92
		1717.5 (132047)	23.01	23.18	22.13	18.83
	1RB-Low (0)	1772.5 (132597)	22.93	23.15	22.10	18.79
		1745 (132322)	22.86	23.05	21.97	18.92
		1717.5 (132047)	23.07	23.34	22.21	18.69
	36RB-High (38)	1772.5 (132597)	23.05	22.02	21.06	18.68
		1745 (132322)	22.84	21.79	20.80	18.93
		1717.5 (132047)	22.97	21.88	20.91	18.87
	36RB-Middle (19)	1772.5 (132597)	23.03	22.01	21.03	18.87
		1745 (132322)	22.80	21.78	20.75	18.79
		1717.5 (132047)	22.97	21.91	20.93	18.66
	36RB-Low (0)	1772.5 (132597)	22.99	21.99	21.00	18.72
		1745 (132322)	22.82	21.79	20.77	18.79
		1717.5 (132047)	23.00	21.99	21.01	18.83
	75RB (0)	1772.5 (132597)	23.01	22.01	21.02	18.69
		1745 (132322)	22.82	21.78	20.76	18.89
		1717.5 (132047)	22.98	21.98	20.94	18.93
20MHz	1RB-High (99)	1770 (132572)	23.01	23.15	22.11	18.91
		1745 (132322)	22.88	23.10	22.06	18.76
		1720 (132072)	22.86	23.24	22.07	18.79
	1RB-Middle (50)	1770 (132572)	23.09	23.37	22.25	18.85
		1745 (132322)	22.80	23.10	21.93	18.89
		1720 (132072)	23.01	23.22	22.05	18.77
	1RB-Low (0)	1770 (132572)	22.86	23.24	22.06	18.90
		1745 (132322)	22.82	23.16	22.00	18.74
		1720 (132072)	23.08	23.44	22.23	18.91
	50RB-High (50)	1770 (132572)	23.03	22.05	21.05	18.86
		1745 (132322)	22.83	21.86	20.83	18.86
		1720 (132072)	22.94	21.92	20.95	18.88

	50RB-Middle (25)	1770 (132572)	23.04	22.03	21.00	18.83
		1745 (132322)	22.80	21.81	20.80	18.84
		1720 (132072)	22.94	21.98	20.95	18.85
	50RB-Low (0)	1770 (132572)	22.97	21.99	20.98	18.78
		1745 (132322)	22.80	21.85	20.82	18.67
		1720 (132072)	23.00	22.01	21.04	18.90
	100RB (0)	1770 (132572)	23.07	22.04	21.01	18.81
		1745 (132322)	22.80	21.85	20.80	18.92
		1720 (132072)	22.95	21.97	20.95	18.67

LTEB66- ANT2 DSI3/4

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	17.79	17.67	17.64	17.74
		1745 (132322)	17.74	17.65	17.65	17.66
		1710.7 (131979)	17.73	17.76	17.67	17.73
	1RB-Middle (3)	1779.3 (132665)	17.64	17.73	17.69	17.80
		1745 (132322)	17.80	17.76	17.75	17.66
		1710.7 (131979)	17.68	17.72	17.78	17.67
	1RB-Low (0)	1779.3 (132665)	17.67	17.79	17.64	17.67
		1745 (132322)	17.76	17.69	17.64	17.66
		1710.7 (131979)	17.69	17.76	17.71	17.75
	3RB-High (3)	1779.3 (132665)	17.77	17.77	17.71	17.73
		1745 (132322)	17.74	17.74	17.71	17.65
		1710.7 (131979)	17.79	17.71	17.78	17.72
	3RB-Middle (1)	1779.3 (132665)	17.66	17.70	17.75	17.78
		1745 (132322)	17.64	17.67	17.69	17.73
		1710.7 (131979)	17.68	17.74	17.70	17.69
	3RB-Low (0)	1779.3 (132665)	17.70	17.73	17.68	17.74
		1745 (132322)	17.70	17.72	17.79	17.64
		1710.7 (131979)	17.76	17.66	17.69	17.64
	6RB (0)	1779.3 (132665)	17.71	17.70	17.72	17.69
		1745 (132322)	17.66	17.68	17.80	17.66
		1710.7 (131979)	17.77	17.66	17.71	17.66

3MHz	1RB-High (14)	1778.5 (132657)	17.69	17.68	17.64	17.80
		1745 (132322)	17.74	17.69	17.77	17.75
		1711.5 (131987)	17.65	17.65	17.68	17.69
	1RB-Middle (7)	1778.5 (132657)	17.79	17.70	17.72	17.73
		1745 (132322)	17.66	17.77	17.65	17.78
		1711.5 (131987)	17.74	17.70	17.78	17.70
	1RB-Low (0)	1778.5 (132657)	17.73	17.75	17.77	17.76
		1745 (132322)	17.67	17.72	17.77	17.65
		1711.5 (131987)	17.80	17.73	17.68	17.76
	8RB-High (7)	1778.5 (132657)	17.64	17.76	17.80	17.64
		1745 (132322)	17.80	17.71	17.79	17.75
		1711.5 (131987)	17.72	17.76	17.78	17.78
	8RB-Middle (4)	1778.5 (132657)	17.78	17.79	17.67	17.80
		1745 (132322)	17.65	17.65	17.74	17.70
		1711.5 (131987)	17.68	17.71	17.72	17.69
	8RB-Low (0)	1778.5 (132657)	17.70	17.75	17.79	17.77
		1745 (132322)	17.75	17.74	17.78	17.65
		1711.5 (131987)	17.67	17.77	17.77	17.73
	15RB (0)	1778.5 (132657)	17.78	17.65	17.74	17.70
		1745 (132322)	17.78	17.77	17.70	17.67
		1711.5 (131987)	17.67	17.73	17.70	17.72
5MHz	1RB-High (24)	1777.5 (132647)	17.73	17.80	17.78	17.70
		1745 (132322)	17.78	17.66	17.73	17.75
		1712.5 (131997)	17.64	17.80	17.65	17.65
	1RB-Middle (12)	1777.5 (132647)	17.67	17.80	17.74	17.80
		1745 (132322)	17.79	17.65	17.64	17.74
		1712.5 (131997)	17.70	17.76	17.77	17.74
	1RB-Low (0)	1777.5 (132647)	17.76	17.76	17.66	17.77
		1745 (132322)	17.70	17.73	17.65	17.72
		1712.5 (131997)	17.78	17.73	17.70	17.79
	12RB-High (13)	1777.5 (132647)	17.73	17.74	17.65	17.70
		1745 (132322)	17.66	17.75	17.79	17.66
		1712.5 (131997)	17.73	17.71	17.76	17.73
	12RB-Middle (6)	1777.5 (132647)	17.71	17.76	17.76	17.77
		1745 (132322)	17.76	17.74	17.71	17.66
		1712.5 (131997)	17.80	17.76	17.67	17.78

	12RB-Low (0)	1777.5 (132647)	17.68	17.72	17.75	17.64
		1745 (132322)	17.77	17.73	17.66	17.68
		1712.5 (131997)	17.66	17.68	17.79	17.79
	25RB (0)	1777.5 (132647)	17.80	17.65	17.64	17.75
		1745 (132322)	17.78	17.77	17.75	17.67
		1712.5 (131997)	17.66	17.65	17.69	17.80
10MHz	1RB-High (49)	1775 (132622)	17.67	17.70	17.65	17.71
		1745 (132322)	17.76	17.68	17.74	17.75
		1715 (132022)	17.66	17.79	17.70	17.70
	1RB-Middle (24)	1775 (132622)	17.69	17.65	17.74	17.76
		1745 (132322)	17.76	17.79	17.65	17.64
		1715 (132022)	17.67	17.68	17.78	17.74
	1RB-Low (0)	1775 (132622)	17.80	17.73	17.76	17.78
		1745 (132322)	17.72	17.67	17.80	17.76
		1715 (132022)	17.66	17.72	17.72	17.71
	25RB-High (25)	1775 (132622)	17.64	17.67	17.79	17.80
		1745 (132322)	17.80	17.72	17.68	17.71
		1715 (132022)	17.67	17.65	17.76	17.68
	25RB-Middle (12)	1775 (132622)	17.66	17.72	17.70	17.67
		1745 (132322)	17.73	17.69	17.75	17.78
		1715 (132022)	17.79	17.73	17.76	17.79
	25RB-Low (0)	1775 (132622)	17.79	17.66	17.79	17.76
		1745 (132322)	17.80	17.65	17.65	17.79
		1715 (132022)	17.65	17.69	17.65	17.76
	50RB (0)	1775 (132622)	17.80	17.66	17.70	17.80
		1745 (132322)	17.73	17.77	17.77	17.75
		1715 (132022)	17.68	17.69	17.77	17.70
15MHz	1RB-High (74)	1772.5 (132597)	17.72	17.67	17.64	17.64
		1745 (132322)	17.76	17.76	17.66	17.68
		1717.5 (132047)	17.65	17.78	17.67	17.68
	1RB-Middle (37)	1772.5 (132597)	17.65	17.74	17.71	17.78
		1745 (132322)	17.68	17.80	17.66	17.79
		1717.5 (132047)	17.69	17.75	17.67	17.73
	1RB-Low (0)	1772.5 (132597)	17.71	17.64	17.65	17.64
		1745 (132322)	17.69	17.74	17.68	17.71

		1717.5 (132047)	17.78	17.65	17.69	17.72
	36RB-High (38)	1772.5 (132597)	17.77	17.67	17.73	17.77
		1745 (132322)	17.71	17.65	17.65	17.64
		1717.5 (132047)	17.72	17.75	17.65	17.76
	36RB-Middle (19)	1772.5 (132597)	17.68	17.80	17.65	17.67
		1745 (132322)	17.65	17.70	17.78	17.71
		1717.5 (132047)	17.74	17.67	17.74	17.65
	36RB-Low (0)	1772.5 (132597)	17.64	17.69	17.78	17.67
		1745 (132322)	17.72	17.67	17.78	17.72
		1717.5 (132047)	17.64	17.67	17.73	17.76
	75RB (0)	1772.5 (132597)	17.68	17.64	17.79	17.70
		1745 (132322)	17.66	17.65	17.70	17.70
		1717.5 (132047)	17.66	17.69	17.66	17.77
20MHz	1RB-High (99)	1770 (132572)	17.68	17.71	17.68	17.66
		1745 (132322)	17.71	17.67	17.76	17.80
		1720 (132072)	17.65	17.69	17.78	17.79
	1RB-Middle (50)	1770 (132572)	17.65	17.73	17.71	17.71
		1745 (132322)	17.73	17.70	17.70	17.74
		1720 (132072)	17.83	17.67	17.74	17.72
	1RB-Low (0)	1770 (132572)	17.68	17.71	17.70	17.72
		1745 (132322)	17.70	17.80	17.64	17.66
		1720 (132072)	17.65	17.80	17.71	17.65
	50RB-High (50)	1770 (132572)	17.70	17.76	17.67	17.79
		1745 (132322)	17.67	17.71	17.72	17.80
		1720 (132072)	17.65	17.64	17.73	17.69
	50RB-Middle (25)	1770 (132572)	17.81	17.78	17.74	17.68
		1745 (132322)	17.71	17.71	17.76	17.76
		1720 (132072)	17.66	17.74	17.74	17.67
	50RB-Low (0)	1770 (132572)	17.74	17.64	17.65	17.69
		1745 (132322)	17.80	17.78	17.74	17.80
		1720 (132072)	17.79	17.67	17.77	17.67
	100RB (0)	1770 (132572)	17.78	17.77	17.68	17.71
		1745 (132322)	17.80	17.64	17.75	17.78
		1720 (132072)	17.70	17.76	17.77	17.72

LTEB66- ANT2 DSI5

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	18.73	18.66	18.67	18.79
		1745 (132322)	18.85	18.66	18.75	18.87
		1710.7 (131979)	18.70	18.82	18.86	18.81
	1RB-Middle (3)	1779.3 (132665)	18.73	18.83	18.71	18.87
		1745 (132322)	18.84	18.75	18.77	18.65
		1710.7 (131979)	18.84	18.67	18.82	18.71
	1RB-Low (0)	1779.3 (132665)	18.74	18.72	18.78	18.67
		1745 (132322)	18.73	18.76	18.70	18.87
		1710.7 (131979)	18.65	18.68	18.69	18.67
	3RB-High (3)	1779.3 (132665)	18.82	18.75	18.65	18.75
		1745 (132322)	18.77	18.88	18.68	18.70
		1710.7 (131979)	18.80	18.89	18.69	18.87
	3RB-Middle (1)	1779.3 (132665)	18.81	18.80	18.65	18.75
		1745 (132322)	18.86	18.66	18.90	18.88
		1710.7 (131979)	18.86	18.72	18.76	18.74
	3RB-Low (0)	1779.3 (132665)	18.79	18.81	18.67	18.76
		1745 (132322)	18.67	18.72	18.89	18.81
		1710.7 (131979)	18.87	18.66	18.83	18.78
	6RB (0)	1779.3 (132665)	18.88	18.90	18.68	18.88
		1745 (132322)	18.83	18.87	18.76	18.90
		1710.7 (131979)	18.65	18.71	18.74	18.75
3MHz	1RB-High (14)	1778.5 (132657)	18.90	18.76	18.74	18.65
		1745 (132322)	18.83	18.67	18.81	18.78
		1711.5 (131987)	18.87	18.90	18.90	18.71
	1RB-Middle (7)	1778.5 (132657)	18.67	18.71	18.84	18.71
		1745 (132322)	18.87	18.89	18.82	18.70
		1711.5 (131987)	18.66	18.65	18.90	18.88
	1RB-Low (0)	1778.5 (132657)	18.70	18.65	18.83	18.87
		1745 (132322)	18.78	18.69	18.90	18.72
		1711.5 (131987)	18.74	18.78	18.71	18.86
	8RB-High (7)	1778.5 (132657)	18.71	18.68	18.66	18.74

		1745 (132322)	18.71	18.81	18.85	18.72
		1711.5 (131987)	18.84	18.81	18.66	18.81
	8RB-Middle (4)	1778.5 (132657)	18.88	18.90	18.67	18.74
		1745 (132322)	18.73	18.69	18.66	18.89
		1711.5 (131987)	18.76	18.70	18.87	18.65
	8RB-Low (0)	1778.5 (132657)	18.66	18.86	18.73	18.65
		1745 (132322)	18.78	18.68	18.79	18.88
		1711.5 (131987)	18.72	18.88	18.66	18.66
	15RB (0)	1778.5 (132657)	18.73	18.80	18.80	18.90
		1745 (132322)	18.84	18.69	18.71	18.78
		1711.5 (131987)	18.81	18.70	18.74	18.67
5MHz	1RB-High (24)	1777.5 (132647)	18.89	18.72	18.74	18.83
		1745 (132322)	18.77	18.81	18.70	18.66
		1712.5 (131997)	18.79	18.79	18.65	18.90
	1RB-Middle (12)	1777.5 (132647)	18.80	18.85	18.83	18.78
		1745 (132322)	18.70	18.75	18.78	18.79
		1712.5 (131997)	18.68	18.71	18.86	18.83
	1RB-Low (0)	1777.5 (132647)	18.89	18.74	18.88	18.78
		1745 (132322)	18.80	18.78	18.77	18.66
		1712.5 (131997)	18.80	18.83	18.86	18.71
	12RB-High (13)	1777.5 (132647)	18.76	18.82	18.76	18.70
		1745 (132322)	18.76	18.84	18.76	18.87
		1712.5 (131997)	18.68	18.76	18.81	18.71
	12RB-Middle (6)	1777.5 (132647)	18.87	18.70	18.74	18.84
		1745 (132322)	18.77	18.75	18.78	18.69
		1712.5 (131997)	18.76	18.67	18.88	18.69
	12RB-Low (0)	1777.5 (132647)	18.65	18.68	18.74	18.71
		1745 (132322)	18.67	18.81	18.66	18.81
		1712.5 (131997)	18.81	18.88	18.75	18.66
	25RB (0)	1777.5 (132647)	18.68	18.77	18.84	18.88
		1745 (132322)	18.86	18.70	18.78	18.90
		1712.5 (131997)	18.86	18.77	18.72	18.83
10MHz	1RB-High (49)	1775 (132622)	18.77	18.85	18.77	18.85
		1745 (132322)	18.67	18.71	18.65	18.71
		1715 (132022)	18.83	18.89	18.83	18.76

	1RB-Middle (24)	1775 (132622)	18.90	18.69	18.70	18.73
		1745 (132322)	18.68	18.89	18.72	18.81
		1715 (132022)	18.79	18.71	18.66	18.73
	1RB-Low (0)	1775 (132622)	18.88	18.77	18.75	18.88
		1745 (132322)	18.89	18.70	18.67	18.87
		1715 (132022)	18.67	18.67	18.79	18.66
	25RB-High (25)	1775 (132622)	18.69	18.79	18.78	18.88
		1745 (132322)	18.87	18.80	18.79	18.77
		1715 (132022)	18.79	18.65	18.84	18.81
	25RB-Middle (12)	1775 (132622)	18.88	18.77	18.85	18.72
		1745 (132322)	18.75	18.78	18.76	18.80
		1715 (132022)	18.65	18.81	18.84	18.85
	25RB-Low (0)	1775 (132622)	18.80	18.88	18.71	18.68
		1745 (132322)	18.68	18.69	18.90	18.86
		1715 (132022)	18.81	18.67	18.76	18.68
	50RB (0)	1775 (132622)	18.68	18.77	18.75	18.70
		1745 (132322)	18.86	18.90	18.69	18.80
		1715 (132022)	18.75	18.77	18.73	18.83
15MHz	1RB-High (74)	1772.5 (132597)	18.79	18.83	18.76	18.66
		1745 (132322)	18.74	18.77	18.89	18.75
		1717.5 (132047)	18.78	18.90	18.69	18.90
	1RB-Middle (37)	1772.5 (132597)	18.78	18.79	18.79	18.79
		1745 (132322)	18.69	18.80	18.78	18.83
		1717.5 (132047)	18.90	18.82	18.74	18.78
	1RB-Low (0)	1772.5 (132597)	18.87	18.80	18.70	18.74
		1745 (132322)	18.84	18.65	18.77	18.74
		1717.5 (132047)	18.74	18.67	18.85	18.84
	36RB-High (38)	1772.5 (132597)	18.65	18.86	18.66	18.83
		1745 (132322)	18.87	18.66	18.70	18.75
		1717.5 (132047)	18.90	18.71	18.74	18.90
	36RB-Middle (19)	1772.5 (132597)	18.66	18.82	18.77	18.85
		1745 (132322)	18.85	18.74	18.74	18.71
		1717.5 (132047)	18.70	18.66	18.81	18.88
	36RB-Low (0)	1772.5 (132597)	18.74	18.76	18.85	18.68
		1745 (132322)	18.80	18.85	18.71	18.70
		1717.5 (132047)	18.68	18.70	18.66	18.66

	75RB (0)	1772.5 (132597)	18.90	18.68	18.87	18.74
		1745 (132322)	18.79	18.71	18.66	18.86
		1717.5 (132047)	18.85	18.81	18.72	18.74
20MHz	1RB-High (99)	1770 (132572)	18.80	18.79	18.70	18.89
		1745 (132322)	18.75	18.80	18.85	18.87
		1720 (132072)	18.80	18.78	18.90	18.68
	1RB-Middle (50)	1770 (132572)	18.92	18.83	18.78	18.88
		1745 (132322)	18.82	18.78	18.85	18.66
		1720 (132072)	18.85	18.86	18.86	18.85
	1RB-Low (0)	1770 (132572)	18.72	18.90	18.85	18.84
		1745 (132322)	18.83	18.83	18.87	18.87
		1720 (132072)	18.65	18.81	18.72	18.68
	50RB-High (50)	1770 (132572)	18.71	18.69	18.87	18.68
		1745 (132322)	18.76	18.90	18.70	18.77
		1720 (132072)	18.71	18.87	18.66	18.89
	50RB-Middle (25)	1770 (132572)	18.91	18.71	18.84	18.83
		1745 (132322)	18.83	18.77	18.72	18.81
		1720 (132072)	18.76	18.88	18.80	18.89
	50RB-Low (0)	1770 (132572)	18.70	18.90	18.75	18.83
		1745 (132322)	18.75	18.78	18.71	18.75
		1720 (132072)	18.81	18.86	18.72	18.85
	100RB (0)	1770 (132572)	18.81	18.80	18.84	18.84
		1745 (132322)	18.86	18.76	18.79	18.68
		1720 (132072)	18.87	18.67	18.73	18.81

LTEB66- ANT1 DSI3

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	23.77	22.69	21.84	18.78
		1745 (132322)	23.72	22.84	21.74	18.75
		1710.7 (131979)	23.69	22.59	21.73	18.75
	1RB-Middle (3)	1779.3 (132665)	23.78	22.78	21.85	18.60
		1745 (132322)	23.68	22.65	21.71	18.80
		1710.7 (131979)	23.68	22.58	21.74	18.76

	1RB-Low (0)	1779.3 (132665)	23.74	22.77	21.72	18.78
		1745 (132322)	23.77	22.77	21.79	18.78
		1710.7 (131979)	23.79	22.68	21.78	18.73
	3RB-High (3)	1779.3 (132665)	22.65	21.85	20.66	18.59
		1745 (132322)	22.81	21.74	20.69	18.70
		1710.7 (131979)	22.78	21.77	20.77	18.78
	3RB-Middle (1)	1779.3 (132665)	22.72	21.84	20.83	18.83
		1745 (132322)	22.78	21.82	20.65	18.67
		1710.7 (131979)	22.69	21.81	20.71	18.74
	3RB-Low (0)	1779.3 (132665)	22.72	21.76	20.69	18.58
		1745 (132322)	22.69	21.81	20.82	18.85
		1710.7 (131979)	22.81	21.74	20.67	18.62
	6RB (0)	1779.3 (132665)	22.70	21.78	20.77	18.83
		1745 (132322)	22.58	21.69	20.68	18.73
		1710.7 (131979)	22.61	21.72	20.76	18.61
3MHz	1RB-High (14)	1778.5 (132657)	23.72	22.64	21.76	18.76
		1745 (132322)	23.84	22.73	21.80	18.77
		1711.5 (131987)	23.74	22.71	21.76	18.77
	1RB-Middle (7)	1778.5 (132657)	23.69	22.74	21.82	18.64
		1745 (132322)	23.77	22.83	21.83	18.83
		1711.5 (131987)	23.69	22.73	21.82	18.55
	1RB-Low (0)	1778.5 (132657)	23.81	22.81	21.71	18.65
		1745 (132322)	23.84	22.67	21.83	18.78
		1711.5 (131987)	23.67	22.71	21.74	18.80
	8RB-High (7)	1778.5 (132657)	22.58	21.70	20.78	18.66
		1745 (132322)	22.67	21.82	20.77	18.75
		1711.5 (131987)	22.58	21.84	20.67	18.81
	8RB-Middle (4)	1778.5 (132657)	22.70	21.70	20.69	18.76
		1745 (132322)	22.78	21.77	20.77	18.78
		1711.5 (131987)	22.80	21.83	20.85	18.57
	8RB-Low (0)	1778.5 (132657)	22.64	21.82	20.70	18.67
		1745 (132322)	22.62	21.83	20.83	18.81
		1711.5 (131987)	22.69	21.68	20.82	18.85
	15RB (0)	1778.5 (132657)	22.83	21.82	20.78	18.70
		1745 (132322)	22.65	21.82	20.71	18.62
		1711.5 (131987)	22.72	21.80	20.68	18.56

5MHz	1RB-High (24)	1777.5 (132647)	23.69	22.59	21.83	18.74
		1745 (132322)	23.82	22.74	21.71	18.74
		1712.5 (131997)	23.79	22.81	21.83	18.80
	1RB-Middle (12)	1777.5 (132647)	23.83	22.75	21.85	18.82
		1745 (132322)	23.77	22.63	21.80	18.85
		1712.5 (131997)	23.70	22.62	21.83	18.55
	1RB-Low (0)	1777.5 (132647)	23.73	22.84	21.69	18.82
		1745 (132322)	23.68	22.65	21.75	18.72
		1712.5 (131997)	23.72	22.59	21.81	18.76
	12RB-High (13)	1777.5 (132647)	22.67	21.70	20.79	18.65
		1745 (132322)	22.75	21.85	20.65	18.74
		1712.5 (131997)	22.74	21.77	20.70	18.63
	12RB-Middle (6)	1777.5 (132647)	22.82	21.85	20.70	18.66
		1745 (132322)	22.58	21.74	20.69	18.68
		1712.5 (131997)	22.59	21.77	20.79	18.58
	12RB-Low (0)	1777.5 (132647)	22.61	21.81	20.65	18.68
		1745 (132322)	22.72	21.70	20.70	18.74
		1712.5 (131997)	22.71	21.70	20.73	18.72
	25RB (0)	1777.5 (132647)	22.79	21.85	20.81	18.68
		1745 (132322)	22.79	21.69	20.69	18.60
		1712.5 (131997)	22.81	21.79	20.79	18.56
10MHz	1RB-High (49)	1775 (132622)	23.73	22.71	21.85	18.60
		1745 (132322)	23.83	22.74	21.69	18.71
		1715 (132022)	23.76	22.70	21.80	18.62
	1RB-Middle (24)	1775 (132622)	23.73	22.77	21.77	18.58
		1745 (132322)	23.68	22.81	21.70	18.74
		1715 (132022)	23.74	22.59	21.68	18.58
	1RB-Low (0)	1775 (132622)	23.76	22.77	21.81	18.76
		1745 (132322)	23.70	22.79	21.69	18.63
		1715 (132022)	23.84	22.84	21.85	18.82
	25RB-High (25)	1775 (132622)	22.60	21.74	20.77	18.62
		1745 (132322)	22.70	21.76	20.74	18.62
		1715 (132022)	22.70	21.84	20.75	18.57
	25RB-Middle (12)	1775 (132622)	22.83	21.75	20.72	18.78
		1745 (132322)	22.66	21.75	20.76	18.64

		1715 (132022)	22.59	21.75	20.82	18.76
	25RB-Low (0)	1775 (132622)	22.82	21.79	20.71	18.68
		1745 (132322)	22.69	21.76	20.66	18.68
		1715 (132022)	22.60	21.75	20.82	18.72
	50RB (0)	1775 (132622)	22.70	21.83	20.66	18.82
		1745 (132322)	22.76	21.75	20.76	18.78
		1715 (132022)	22.76	21.77	20.81	18.79
15MHz	1RB-High (74)	1772.5 (132597)	23.84	22.60	21.84	18.58
		1745 (132322)	23.67	22.66	21.82	18.59
		1717.5 (132047)	23.76	22.61	21.73	18.77
	1RB-Middle (37)	1772.5 (132597)	23.82	22.59	21.80	18.57
		1745 (132322)	23.82	22.59	21.76	18.80
		1717.5 (132047)	23.83	22.74	21.80	18.69
	1RB-Low (0)	1772.5 (132597)	23.74	22.60	21.74	18.60
		1745 (132322)	23.66	22.58	21.78	18.63
		1717.5 (132047)	23.85	22.59	21.82	18.66
	36RB-High (38)	1772.5 (132597)	22.78	21.82	20.78	18.59
		1745 (132322)	22.74	21.77	20.84	18.63
		1717.5 (132047)	22.78	21.84	20.85	18.71
	36RB-Middle (19)	1772.5 (132597)	22.59	21.73	20.77	18.55
		1745 (132322)	22.82	21.70	20.85	18.70
		1717.5 (132047)	22.69	21.74	20.71	18.68
	36RB-Low (0)	1772.5 (132597)	22.80	21.81	20.71	18.79
		1745 (132322)	22.68	21.80	20.73	18.77
		1717.5 (132047)	22.70	21.68	20.76	18.56
	75RB (0)	1772.5 (132597)	22.80	21.81	20.65	18.77
		1745 (132322)	22.80	21.68	20.82	18.72
		1717.5 (132047)	22.84	21.83	20.76	18.64
20MHz	1RB-High (99)	1770 (132572)	23.77	22.76	21.84	18.85
		1745 (132322)	23.74	22.72	21.69	18.69
		1720 (132072)	23.72	22.68	21.77	18.72
	1RB-Middle (50)	1770 (132572)	23.81	22.74	21.70	18.69
		1745 (132322)	23.76	22.81	21.79	18.85
		1720 (132072)	23.88	22.78	21.69	18.60
	1RB-Low (0)	1770 (132572)	23.82	22.59	21.69	18.82

		1745 (132322)	23.74	22.81	21.73	18.67
		1720 (132072)	23.77	22.73	21.70	18.69
	50RB-High (50)	1770 (132572)	22.57	21.81	20.84	18.83
		1745 (132322)	22.76	21.79	20.80	18.73
		1720 (132072)	22.60	21.70	20.82	18.61
	50RB-Middle (25)	1770 (132572)	22.74	21.75	20.67	18.60
		1745 (132322)	22.63	21.68	20.76	18.80
		1720 (132072)	22.72	21.76	20.72	18.77
	50RB-Low (0)	1770 (132572)	22.77	21.74	20.77	18.66
		1745 (132322)	22.71	21.79	20.73	18.74
		1720 (132072)	22.68	21.70	20.65	18.74
	100RB (0)	1770 (132572)	22.82	21.68	20.82	18.80
		1745 (132322)	22.75	21.75	20.76	18.80
		1720 (132072)	22.60	21.68	20.67	18.71

LTEB66- ANT1 DSI4

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	16.70	16.58	16.65	16.62
		1745 (132322)	16.54	16.63	16.62	16.59
		1710.7 (131979)	16.59	16.70	16.53	16.70
	1RB-Middle (3)	1779.3 (132665)	16.66	16.68	16.64	16.61
		1745 (132322)	16.61	16.68	16.52	16.66
		1710.7 (131979)	16.52	16.50	16.65	16.56
	1RB-Low (0)	1779.3 (132665)	16.50	16.56	16.54	16.63
		1745 (132322)	16.51	16.69	16.68	16.54
		1710.7 (131979)	16.65	16.68	16.67	16.65
	3RB-High (3)	1779.3 (132665)	16.58	16.58	16.63	16.66
		1745 (132322)	16.67	16.53	16.53	16.68
		1710.7 (131979)	16.55	16.50	16.66	16.59
	3RB-Middle (1)	1779.3 (132665)	16.51	16.68	16.69	16.61
		1745 (132322)	16.52	16.57	16.55	16.60
		1710.7 (131979)	16.64	16.69	16.53	16.51
	3RB-Low (0)	1779.3 (132665)	16.60	16.51	16.61	16.67
		1745 (132322)	16.52	16.51	16.59	16.56

		1710.7 (131979)	16.69	16.53	16.66	16.68
	6RB (0)	1779.3 (132665)	16.65	16.56	16.65	16.53
		1745 (132322)	16.61	16.56	16.69	16.68
		1710.7 (131979)	16.56	16.53	16.52	16.53
3MHz	1RB-High (14)	1778.5 (132657)	16.53	16.60	16.69	16.62
		1745 (132322)	16.52	16.60	16.55	16.50
		1711.5 (131987)	16.59	16.52	16.64	16.63
	1RB-Middle (7)	1778.5 (132657)	16.54	16.50	16.60	16.67
		1745 (132322)	16.68	16.55	16.67	16.56
		1711.5 (131987)	16.57	16.52	16.55	16.69
	1RB-Low (0)	1778.5 (132657)	16.55	16.67	16.51	16.68
		1745 (132322)	16.67	16.64	16.63	16.64
		1711.5 (131987)	16.50	16.70	16.63	16.64
	8RB-High (7)	1778.5 (132657)	16.68	16.60	16.62	16.56
		1745 (132322)	16.59	16.51	16.62	16.68
		1711.5 (131987)	16.69	16.63	16.65	16.53
	8RB-Middle (4)	1778.5 (132657)	16.66	16.64	16.70	16.62
		1745 (132322)	16.56	16.61	16.68	16.52
		1711.5 (131987)	16.66	16.67	16.58	16.50
	8RB-Low (0)	1778.5 (132657)	16.51	16.53	16.52	16.57
		1745 (132322)	16.70	16.62	16.51	16.52
		1711.5 (131987)	16.61	16.50	16.65	16.54
	15RB (0)	1778.5 (132657)	16.68	16.62	16.57	16.59
		1745 (132322)	16.70	16.59	16.58	16.68
		1711.5 (131987)	16.58	16.59	16.66	16.66
5MHz	1RB-High (24)	1777.5 (132647)	16.64	16.59	16.65	16.63
		1745 (132322)	16.53	16.65	16.70	16.59
		1712.5 (131997)	16.58	16.65	16.57	16.70
	1RB-Middle (12)	1777.5 (132647)	16.70	16.52	16.59	16.57
		1745 (132322)	16.63	16.58	16.59	16.54
		1712.5 (131997)	16.60	16.64	16.50	16.53
	1RB-Low (0)	1777.5 (132647)	16.63	16.62	16.50	16.66
		1745 (132322)	16.65	16.54	16.61	16.67
		1712.5 (131997)	16.67	16.69	16.60	16.59
	12RB-High (13)	1777.5 (132647)	16.70	16.53	16.52	16.53

		1745 (132322)	16.61	16.62	16.59	16.66
		1712.5 (131997)	16.62	16.60	16.64	16.58
	12RB-Middle (6)	1777.5 (132647)	16.61	16.68	16.51	16.59
		1745 (132322)	16.59	16.68	16.60	16.53
		1712.5 (131997)	16.68	16.50	16.53	16.57
	12RB-Low (0)	1777.5 (132647)	16.64	16.68	16.52	16.66
		1745 (132322)	16.60	16.52	16.67	16.58
		1712.5 (131997)	16.60	16.57	16.70	16.61
	25RB (0)	1777.5 (132647)	16.70	16.52	16.50	16.68
		1745 (132322)	16.66	16.53	16.56	16.66
		1712.5 (131997)	16.56	16.55	16.55	16.65
10MHz	1RB-High (49)	1775 (132622)	16.53	16.64	16.65	16.67
		1745 (132322)	16.53	16.56	16.58	16.51
		1715 (132022)	16.62	16.63	16.65	16.50
	1RB-Middle (24)	1775 (132622)	16.66	16.51	16.55	16.54
		1745 (132322)	16.67	16.66	16.56	16.53
		1715 (132022)	16.60	16.65	16.54	16.65
	1RB-Low (0)	1775 (132622)	16.60	16.58	16.65	16.51
		1745 (132322)	16.53	16.68	16.66	16.67
		1715 (132022)	16.63	16.59	16.67	16.62
	25RB-High (25)	1775 (132622)	16.53	16.50	16.54	16.67
		1745 (132322)	16.59	16.68	16.55	16.50
		1715 (132022)	16.63	16.68	16.57	16.57
	25RB-Middle (12)	1775 (132622)	16.51	16.58	16.58	16.52
		1745 (132322)	16.70	16.65	16.70	16.67
		1715 (132022)	16.50	16.60	16.69	16.68
	25RB-Low (0)	1775 (132622)	16.67	16.54	16.56	16.58
		1745 (132322)	16.53	16.56	16.67	16.70
		1715 (132022)	16.70	16.64	16.62	16.67
	50RB (0)	1775 (132622)	16.60	16.64	16.56	16.66
		1745 (132322)	16.60	16.61	16.69	16.63
		1715 (132022)	16.63	16.58	16.55	16.60
15MHz	1RB-High (74)	1772.5 (132597)	16.61	16.70	16.52	16.65
		1745 (132322)	16.70	16.63	16.64	16.64
		1717.5 (132047)	16.62	16.55	16.67	16.55

	1RB-Middle (37)	1772.5 (132597)	16.50	16.53	16.61	16.58
		1745 (132322)	16.55	16.54	16.56	16.68
		1717.5 (132047)	16.68	16.68	16.65	16.54
	1RB-Low (0)	1772.5 (132597)	16.55	16.62	16.62	16.68
		1745 (132322)	16.68	16.62	16.64	16.57
		1717.5 (132047)	16.52	16.55	16.63	16.69
	36RB-High (38)	1772.5 (132597)	16.64	16.54	16.60	16.52
		1745 (132322)	16.70	16.50	16.65	16.56
		1717.5 (132047)	16.60	16.58	16.54	16.55
	36RB-Middle (19)	1772.5 (132597)	16.55	16.65	16.62	16.56
		1745 (132322)	16.63	16.50	16.58	16.52
		1717.5 (132047)	16.63	16.52	16.67	16.52
	36RB-Low (0)	1772.5 (132597)	16.61	16.58	16.70	16.68
		1745 (132322)	16.67	16.65	16.52	16.51
		1717.5 (132047)	16.68	16.58	16.62	16.69
	75RB (0)	1772.5 (132597)	16.59	16.53	16.52	16.51
		1745 (132322)	16.61	16.70	16.53	16.69
		1717.5 (132047)	16.58	16.65	16.54	16.53
20MHz	1RB-High (99)	1770 (132572)	16.57	16.58	16.59	16.65
		1745 (132322)	16.68	16.63	16.53	16.66
		1720 (132072)	16.55	16.68	16.50	16.62
	1RB-Middle (50)	1770 (132572)	16.55	16.61	16.58	16.50
		1745 (132322)	16.61	16.68	16.56	16.56
		1720 (132072)	16.50	16.64	16.51	16.58
	1RB-Low (0)	1770 (132572)	16.60	16.68	16.59	16.61
		1745 (132322)	16.58	16.61	16.52	16.56
		1720 (132072)	16.59	16.58	16.56	16.60
	50RB-High (50)	1770 (132572)	16.51	16.68	16.68	16.69
		1745 (132322)	16.50	16.66	16.56	16.54
		1720 (132072)	16.53	16.55	16.63	16.50
	50RB-Middle (25)	1770 (132572)	16.64	16.67	16.59	16.55
		1745 (132322)	16.63	16.65	16.55	16.50
		1720 (132072)	16.59	16.60	16.54	16.55
	50RB-Low (0)	1770 (132572)	16.60	16.53	16.67	16.64
		1745 (132322)	16.56	16.52	16.52	16.51
		1720 (132072)	16.61	16.59	16.61	16.50

	100RB (0)	1770 (132572)	16.63	16.54	16.59	16.64
		1745 (132322)	16.53	16.66	16.56	16.55
		1720 (132072)	16.58	16.65	16.50	16.54

LTEB66- ANT1 DSI5

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	18.70	18.40	18.58	18.67
		1745 (132322)	18.70	18.62	18.47	18.58
		1710.7 (131979)	18.56	18.53	18.51	18.41
	1RB-Middle (3)	1779.3 (132665)	18.70	18.52	18.48	18.48
		1745 (132322)	18.68	18.59	18.52	18.41
		1710.7 (131979)	18.41	18.55	18.43	18.70
	1RB-Low (0)	1779.3 (132665)	18.42	18.68	18.48	18.47
		1745 (132322)	18.58	18.50	18.56	18.64
		1710.7 (131979)	18.58	18.52	18.62	18.49
	3RB-High (3)	1779.3 (132665)	18.50	18.60	18.48	18.58
		1745 (132322)	18.40	18.47	18.42	18.64
		1710.7 (131979)	18.62	18.41	18.45	18.47
	3RB-Middle (1)	1779.3 (132665)	18.49	18.67	18.64	18.60
		1745 (132322)	18.70	18.70	18.69	18.44
		1710.7 (131979)	18.53	18.66	18.47	18.61
	3RB-Low (0)	1779.3 (132665)	18.49	18.58	18.61	18.50
		1745 (132322)	18.54	18.60	18.49	18.62
		1710.7 (131979)	18.59	18.49	18.41	18.44
	6RB (0)	1779.3 (132665)	18.51	18.67	18.70	18.64
		1745 (132322)	18.44	18.45	18.48	18.69
		1710.7 (131979)	18.63	18.58	18.59	18.63
3MHz	1RB-High (14)	1778.5 (132657)	18.57	18.47	18.55	18.54
		1745 (132322)	18.61	18.54	18.43	18.43
		1711.5 (131987)	18.60	18.44	18.41	18.66
	1RB-Middle (7)	1778.5 (132657)	18.62	18.56	18.61	18.63
		1745 (132322)	18.68	18.58	18.50	18.68
		1711.5 (131987)	18.46	18.49	18.60	18.65

	1RB-Low (0)	1778.5 (132657)	18.52	18.49	18.43	18.48
		1745 (132322)	18.50	18.69	18.68	18.55
		1711.5 (131987)	18.47	18.69	18.57	18.55
	8RB-High (7)	1778.5 (132657)	18.44	18.63	18.40	18.56
		1745 (132322)	18.68	18.48	18.61	18.51
		1711.5 (131987)	18.59	18.70	18.70	18.49
	8RB-Middle (4)	1778.5 (132657)	18.57	18.57	18.70	18.52
		1745 (132322)	18.43	18.68	18.47	18.61
		1711.5 (131987)	18.53	18.60	18.50	18.40
	8RB-Low (0)	1778.5 (132657)	18.59	18.47	18.67	18.40
		1745 (132322)	18.44	18.49	18.45	18.69
		1711.5 (131987)	18.66	18.61	18.56	18.50
	15RB (0)	1778.5 (132657)	18.67	18.67	18.53	18.42
		1745 (132322)	18.47	18.70	18.64	18.45
		1711.5 (131987)	18.60	18.42	18.48	18.65
5MHz	1RB-High (24)	1777.5 (132647)	18.43	18.54	18.60	18.64
		1745 (132322)	18.58	18.63	18.52	18.63
		1712.5 (131997)	18.59	18.60	18.63	18.43
	1RB-Middle (12)	1777.5 (132647)	18.50	18.55	18.47	18.51
		1745 (132322)	18.41	18.68	18.52	18.56
		1712.5 (131997)	18.45	18.65	18.54	18.47
	1RB-Low (0)	1777.5 (132647)	18.68	18.63	18.66	18.60
		1745 (132322)	18.52	18.45	18.52	18.64
		1712.5 (131997)	18.40	18.53	18.43	18.48
	12RB-High (13)	1777.5 (132647)	18.49	18.48	18.70	18.46
		1745 (132322)	18.41	18.62	18.70	18.52
		1712.5 (131997)	18.65	18.46	18.69	18.53
	12RB-Middle (6)	1777.5 (132647)	18.52	18.45	18.60	18.56
		1745 (132322)	18.66	18.70	18.64	18.56
		1712.5 (131997)	18.66	18.62	18.69	18.67
	12RB-Low (0)	1777.5 (132647)	18.47	18.45	18.40	18.51
		1745 (132322)	18.49	18.41	18.59	18.59
		1712.5 (131997)	18.41	18.45	18.62	18.44
	25RB (0)	1777.5 (132647)	18.54	18.57	18.47	18.67
		1745 (132322)	18.44	18.62	18.70	18.41
		1712.5 (131997)	18.49	18.68	18.64	18.42

10MHz	1RB-High (49)	1775 (132622)	18.69	18.65	18.54	18.59
		1745 (132322)	18.46	18.55	18.50	18.67
		1715 (132022)	18.55	18.64	18.47	18.54
	1RB-Middle (24)	1775 (132622)	18.43	18.47	18.44	18.43
		1745 (132322)	18.56	18.68	18.44	18.46
		1715 (132022)	18.67	18.48	18.54	18.42
	1RB-Low (0)	1775 (132622)	18.68	18.61	18.52	18.61
		1745 (132322)	18.53	18.41	18.60	18.66
		1715 (132022)	18.69	18.67	18.55	18.59
	25RB-High (25)	1775 (132622)	18.56	18.48	18.52	18.50
		1745 (132322)	18.64	18.60	18.52	18.44
		1715 (132022)	18.49	18.64	18.64	18.62
	25RB-Middle (12)	1775 (132622)	18.46	18.60	18.68	18.66
		1745 (132322)	18.42	18.55	18.70	18.43
		1715 (132022)	18.51	18.62	18.50	18.57
	25RB-Low (0)	1775 (132622)	18.62	18.47	18.63	18.47
		1745 (132322)	18.43	18.70	18.65	18.40
		1715 (132022)	18.46	18.55	18.45	18.53
	50RB (0)	1775 (132622)	18.65	18.49	18.61	18.45
		1745 (132322)	18.49	18.58	18.59	18.70
		1715 (132022)	18.63	18.57	18.51	18.48
15MHz	1RB-High (74)	1772.5 (132597)	18.46	18.51	18.65	18.52
		1745 (132322)	18.68	18.52	18.52	18.43
		1717.5 (132047)	18.59	18.44	18.64	18.60
	1RB-Middle (37)	1772.5 (132597)	18.54	18.55	18.47	18.64
		1745 (132322)	18.61	18.56	18.49	18.58
		1717.5 (132047)	18.49	18.63	18.58	18.57
	1RB-Low (0)	1772.5 (132597)	18.59	18.63	18.66	18.41
		1745 (132322)	18.49	18.40	18.44	18.58
		1717.5 (132047)	18.68	18.43	18.66	18.70
	36RB-High (38)	1772.5 (132597)	18.46	18.55	18.44	18.46
		1745 (132322)	18.66	18.55	18.40	18.69
		1717.5 (132047)	18.58	18.61	18.70	18.68
	36RB-Middle (19)	1772.5 (132597)	18.60	18.60	18.52	18.51
		1745 (132322)	18.65	18.69	18.45	18.56

		1717.5 (132047)	18.60	18.62	18.51	18.60
	36RB-Low (0)	1772.5 (132597)	18.40	18.50	18.66	18.45
		1745 (132322)	18.42	18.69	18.47	18.51
		1717.5 (132047)	18.44	18.61	18.59	18.55
	75RB (0)	1772.5 (132597)	18.49	18.66	18.64	18.60
		1745 (132322)	18.43	18.61	18.56	18.48
		1717.5 (132047)	18.54	18.62	18.68	18.48
20MHz	1RB-High (99)	1770 (132572)	18.60	18.62	18.57	18.45
		1745 (132322)	18.44	18.48	18.65	18.62
		1720 (132072)	18.44	18.68	18.58	18.61
	1RB-Middle (50)	1770 (132572)	18.69	18.40	18.69	18.44
		1745 (132322)	18.48	18.66	18.52	18.41
		1720 (132072)	18.64	18.64	18.40	18.47
	1RB-Low (0)	1770 (132572)	18.46	18.56	18.44	18.51
		1745 (132322)	18.52	18.59	18.43	18.53
		1720 (132072)	18.60	18.40	18.57	18.63
	50RB-High (50)	1770 (132572)	18.46	18.60	18.48	18.65
		1745 (132322)	18.46	18.65	18.65	18.44
		1720 (132072)	18.53	18.55	18.66	18.60
	50RB-Middle (25)	1770 (132572)	18.63	18.54	18.54	18.41
		1745 (132322)	18.62	18.68	18.68	18.42
		1720 (132072)	18.49	18.54	18.43	18.52
	50RB-Low (0)	1770 (132572)	18.41	18.70	18.55	18.48
		1745 (132322)	18.62	18.44	18.62	18.55
		1720 (132072)	18.51	18.59	18.70	18.54
	100RB (0)	1770 (132572)	18.64	18.64	18.42	18.56
		1745 (132322)	18.63	18.53	18.61	18.52
		1720 (132072)	18.51	18.64	18.48	18.65

LTEB71- ANT0 DSI0/1/2

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	695.5 (133447)	23.29	22.58	21.51	18.66
		680.5 (133297)	23.08	22.38	21.14	18.52

		665.5 (133147)	23.03	22.31	21.24	18.43
	1RB-Middle (12)	695.5 (133447)	23.11	22.32	21.18	18.41
		680.5 (133297)	23.56	22.21	21.23	18.99
		665.5 (133147)	23.48	22.65	21.57	18.88
	1RB-Low (0)	695.5 (133447)	23.22	22.45	21.35	18.42
		680.5 (133297)	23.44	22.62	21.55	18.71
		665.5 (133147)	23.24	22.42	21.30	18.56
	12RB-High (13)	695.5 (133447)	22.19	21.09	20.18	17.50
		680.5 (133297)	22.04	21.00	20.04	17.26
		665.5 (133147)	22.31	21.24	20.27	17.72
	12RB-Middle (6)	695.5 (133447)	22.11	21.09	20.05	17.43
		680.5 (133297)	22.47	21.06	20.09	17.84
		665.5 (133147)	22.43	21.41	20.36	17.82
	12RB-Low (0)	695.5 (133447)	22.13	21.07	20.07	17.40
		680.5 (133297)	22.25	21.16	20.25	17.56
		665.5 (133147)	22.39	21.32	20.31	17.59
	25RB (0)	695.5 (133447)	22.10	21.14	20.11	17.48
		680.5 (133297)	22.14	21.11	20.15	17.53
		665.5 (133147)	22.26	21.32	20.26	17.55
10MHz	1RB-High (49)	693 (133422)	23.31	22.52	21.45	18.54
		680.5 (133297)	23.13	22.38	21.16	18.43
		668 (133172)	23.04	22.24	21.18	18.22
	1RB-Middle (24)	693 (133422)	23.11	22.32	21.21	18.34
		680.5 (133297)	23.52	22.21	21.26	18.71
		668 (133172)	23.42	22.70	21.54	18.74
	1RB-Low (0)	693 (133422)	23.16	22.50	21.36	18.40
		680.5 (133297)	23.43	22.65	21.50	18.74
		668 (133172)	23.16	22.51	21.28	18.38
	25RB-High (25)	693 (133422)	22.17	21.13	20.15	17.38
		680.5 (133297)	22.11	21.07	20.02	17.53
		668 (133172)	22.29	21.28	20.21	17.62
	25RB-Middle (12)	693 (133422)	22.11	21.13	20.09	17.44
		680.5 (133297)	22.45	21.08	20.08	17.77
		668 (133172)	22.41	21.41	20.35	17.66
	25RB-Low (0)	693 (133422)	22.15	21.13	20.14	17.49
		680.5 (133297)	22.23	21.18	20.24	17.52
		668 (133172)	22.35	21.31	20.27	17.74
	50RB (0)	693 (133422)	22.17	21.15	20.10	17.56
		680.5 (133297)	22.19	21.14	20.19	17.60

		668 (133172)	22.23	21.25	20.32	17.52
15MHz	1RB-High (74)	690.5 (133397)	23.36	22.55	21.44	18.53
		680.5 (133297)	23.06	22.37	21.18	18.24
		670.5 (133197)	23.11	22.30	21.18	18.46
	1RB-Middle (37)	690.5 (133397)	23.03	22.30	21.20	18.27
		680.5 (133297)	23.53	22.23	21.27	18.82
		670.5 (133197)	23.48	22.71	21.56	18.86
	1RB-Low (0)	690.5 (133397)	23.20	22.44	21.39	18.51
		680.5 (133297)	23.42	22.57	21.49	18.59
		670.5 (133197)	23.19	22.51	21.29	18.61
	36RB-High (38)	690.5 (133397)	22.13	21.10	20.17	17.34
		680.5 (133297)	22.13	21.05	20.01	17.54
		670.5 (133197)	22.22	21.28	20.21	17.42
	36RB-Middle (19)	690.5 (133397)	22.16	21.07	20.06	17.38
		680.5 (133297)	22.44	21.05	20.12	17.70
		670.5 (133197)	22.44	21.38	20.35	17.75
	36RB-Low (0)	690.5 (133397)	22.13	21.12	20.16	17.57
		680.5 (133297)	22.26	21.16	20.18	17.70
		670.5 (133197)	22.32	21.31	20.32	17.76
	75RB (0)	690.5 (133397)	22.15	21.16	20.10	17.44
		680.5 (133297)	22.12	21.10	20.10	17.35
		670.5 (133197)	22.26	21.32	20.24	17.60
20MHz	1RB-High (99)	688 (133372)	23.38	22.59	21.53	18.68
		683 (133322)	23.16	22.40	21.20	18.49
		673 (133222)	23.13	22.33	21.25	18.48
	1RB-Middle (50)	688 (133372)	23.12	22.35	21.24	18.40
		683 (133322)	23.57	22.31	21.30	18.90
		673 (133222)	23.52	22.73	21.59	18.88
	1RB-Low (0)	688 (133372)	23.26	22.52	21.40	18.45
		683 (133322)	23.52	22.66	21.58	18.75
		673 (133222)	23.25	22.52	21.32	18.58
	50RB-High (50)	688 (133372)	22.23	21.19	20.22	17.42
		683 (133322)	22.14	21.09	20.11	17.50
		673 (133222)	22.32	21.32	20.29	17.57
	50RB-Middle (25)	688 (133372)	22.18	21.15	20.15	17.48
		683 (133322)	22.48	21.13	20.16	17.83
		673 (133222)	22.45	21.47	20.38	17.81
	50RB-Low (0)	688 (133372)	22.20	21.17	20.17	17.56

		683 (133322)	22.29	21.25	20.26	17.46
		673 (133222)	22.41	21.35	20.34	17.80
	100RB (0)	688 (133372)	22.20	21.17	20.17	17.50
		683 (133322)	22.21	21.20	20.20	17.44
		673 (133222)	22.33	21.33	20.34	17.70

LTE Carrier Aggregation Conducted Power

ULCA 41C

UL LTE CA Class	PCC				SCC				
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	conducted power (dBm)
CA_41C	20M	41490	1	99	20M	41292	1	0	21.66
CA_41C	20M	41490	1	99	15M	41319	1	0	21.56
CA_41C	20M	41490	1	99	10M	41346	1	0	22.78
CA_41C	20M	41490	1	99	5M	41373	1	0	22.05
CA_41C	20M	39750	1	99	5M	39867	1	0	15.37
CA_41C	20M	39750	1	99	20M	39948	1	0	23.64
CA_41C	20M	39750	1	99	15M	39921	1	0	23.72
CA_41C	20M	39750	1	99	10M	39894	1	0	23.71
CA_41C	15M	41515	1	74	15M	41365	1	0	19.22
CA_41C	15M	41515	1	74	10M	41395	1	0	19.34
CA_41C	15M	39725	1	74	10M	39845	1	0	19.41
CA_41C	20M	41490	1	0	20M	41292	1	99	23.97
CA_41C	20M	41490	1	0	15M	41319	1	74	24.09
CA_41C	20M	41490	1	0	10M	41346	1	49	24.11
CA_41C	20M	39750	1	0	5M	39867	1	24	15.22
CA_41C	20M	41490	1	0	5M	41373	1	24	15.28
CA_41C	20M	39750	1	0	20M	39948	1	99	15.11
CA_41C	20M	39750	1	0	15M	39921	1	74	15.17
CA_41C	20M	39750	1	0	10M	39894	1	49	15.19
CA_41C	15M	41515	1	0	15M	41365	1	74	24.03
CA_41C	15M	41515	1	0	10M	41395	1	49	24.05
CA_41C	15M	39725	1	0	10M	39845	1	49	15.18

ULCA 48C

UL LTE CA Class	PCC				SCC				
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	conducted power (dBm)
CA_48C	20M	55340	1	99	5M	55457	1	0	22.19
CA_48C	20M	55340	1	99	10M	55484	1	0	20.23
CA_48C	20M	55340	1	99	15M	55511	1	0	20.21
CA_48C	20M	55340	1	99	20M	55538	1	0	20.14
CA_48C	20M	55340	1	0	5M	55457	1	24	13.96
CA_48C	20M	55340	1	0	10M	55484	1	49	14.02
CA_48C	20M	55340	1	0	15M	55511	1	74	14.04
CA_48C	20M	55340	1	0	20M	55538	1	99	13.98

11.4 Wi-Fi and BT Measurement result

The maximum output power of BT antenna is 8.54dBm.

The maximum tune up of BT antenna is 9dBm.

Standalone			WIFI+WWAN		
Hotspot off/on+Receiver on	Hotspot on+Receiver off	Hotspot off+Receiver off	Hotspot off/on+Receiver on	Hotspot on+Receiver off	Hotspot off+Receiver off
DSI0	DSI1	DSI2	DSI3	DSI4	DSI5

Wi-Fi 2.4G –DSI0

FCC			
802.11b(dBm)		Power setting	tune up
Channel\data rate	1Mbps		
11(2462MHz)	17.44	18.00	18.50
6(2437MHz)	17.93	18.00	18.50
1(2412MHz)	17.16	18.00	18.50
802.11g(dBm)			
Channel\data rate	6Mbps		
11(2462MHz)	16.24	17.00	18.00
6(2437MHz)	16.55	17.00	18.00
1(2412MHz)	16.03	17.00	18.00
802.11n(dBm)-20MHz			
Channel\data rate	MCS0		
11(2462MHz)	15.89	17.00	16.50
6(2437MHz)	16.33	17.00	16.50
1(2412MHz)	15.83	17.00	16.50
802.11n(dBm)-40MHz			
Channel\data rate	MCS0		
9(2452MHz)	15.81	17.00	16.50
6(2437MHz)	16.28	17.00	16.50
3(2422MHz)	15.65	17.00	16.50

Wi-Fi 2.4G –DSI1/2

FCC			
802.11b(dBm)		Power setting	tune up
Channel\data rate	1Mbps		
11(2462MHz)	19.30	20.00	20.50
6(2437MHz)	19.49	20.00	20.50
1(2412MHz)	19.00	20.00	20.50
802.11g(dBm)			
Channel\data rate	6Mbps		
11(2462MHz)	18.05	19.00	20.00
6(2437MHz)	18.10	19.00	20.00
1(2412MHz)	18.06	19.00	20.00
802.11n(dBm)-20MHz			
Channel\data rate	MCS0		
11(2462MHz)	17.54	19.00	18.50
6(2437MHz)	17.61	19.00	18.50
1(2412MHz)	17.34	19.00	18.50
802.11n(dBm)-40MHz			
Channel\data rate	MCS0		
9(2452MHz)	15.91	17.00	16.50
6(2437MHz)	15.84	17.00	16.50
3(2422MHz)	15.17	17.00	16.50

Wi-Fi 2.4G –DSI3

FCC			
802.11b(dBm)		Power setting	tune up
Channel\data rate	1Mbps		
11(2462MHz)	9.43	10.00	10.50
6(2437MHz)	9.78	10.00	10.50
1(2412MHz)	9.21	10.00	10.50
802.11g(dBm)			
Channel\data rate	6Mbps		
11(2462MHz)	8.29	9.00	10.00
6(2437MHz)	8.63	9.00	10.00
1(2412MHz)	8.11	9.00	10.00
802.11n(dBm)-20MHz			
Channel\data rate	MCS0		
11(2462MHz)	7.83	9.00	8.50
6(2437MHz)	8.42	9.00	8.50
1(2412MHz)	7.94	9.00	8.50
802.11n(dBm)-40MHz			
Channel\data rate	MCS0		
9(2452MHz)	7.85	9.00	8.50
6(2437MHz)	8.33	9.00	8.50
3(2422MHz)	7.72	9.00	8.50

Wi-Fi 2.4G –DSI4

FCC			
802.11b(dBm)		Power setting	tune up
Channel\data rate	1Mbps		
11(2462MHz)	14.52	15.00	15.50
6(2437MHz)	14.73	15.00	15.50
1(2412MHz)	14.11	15.00	15.50
802.11g(dBm)			
Channel\data rate	6Mbps		
11(2462MHz)	13.31	14.00	15.00
6(2437MHz)	13.74	14.00	15.00
1(2412MHz)	13.15	14.00	15.00
802.11n(dBm)-20MHz			
Channel\data rate	MCS0		
11(2462MHz)	12.87	14.00	13.50
6(2437MHz)	13.44	14.00	13.50
1(2412MHz)	12.95	14.00	13.50
802.11n(dBm)-40MHz			
Channel\data rate	MCS0		
9(2452MHz)	12.64	14.00	13.50
6(2437MHz)	13.27	14.00	13.50
3(2422MHz)	12.61	14.00	13.50

Wi-Fi 2.4G –DSI5

FCC			
802.11b(dBm)		Power setting	tune up
Channel\data rate	1Mbps		
11(2462MHz)	10.44	11.00	11.50
6(2437MHz)	10.75	11.00	11.50
1(2412MHz)	10.08	11.00	11.50
802.11g(dBm)			
Channel\data rate	6Mbps		
11(2462MHz)	9.26	10.00	11.00
6(2437MHz)	9.78	10.00	11.00
1(2412MHz)	9.13	10.00	11.00
802.11n(dBm)-20MHz			
Channel\data rate	MCS0		
11(2462MHz)	8.83	10.00	9.50
6(2437MHz)	9.47	10.00	9.50
1(2412MHz)	8.91	10.00	9.50
802.11n(dBm)-40MHz			
Channel\data rate	MCS0		
9(2452MHz)	8.77	10.00	9.50
6(2437MHz)	9.31	10.00	9.50
3(2422MHz)	8.80	10.00	9.50

Wi-Fi 5G –DSI0

802.11a(dBm)		Power setting	tune up
Channel\data rate	6Mbps		
36(5180 MHz)	14.34	15.00	14.50
40(5200 MHz)	14.39	15.00	14.50
44(5220 MHz)	14.19	15.00	14.50
48(5240 MHz)	**14.22**	15.00	14.50
52(5260 MHz)	**14.35**	15.00	14.50
56(5280 MHz)	14.26	15.00	14.50
60(5300 MHz)	14.28	15.00	14.50
64(5320 MHz)	14.39	15.00	14.50
100(5500 MHz)	14.17	15.00	14.50
104(5520 MHz)	14.40	15.00	14.50
108(5540 MHz)	**14.36**	15.00	14.50
112(5560 MHz)	14.31	15.00	14.50
116(5580 MHz)	14.23	15.00	14.50
120(5600 MHz)	14.20	15.00	14.50
124(5620 MHz)	14.38	15.00	14.50
128(5640 MHz)	14.38	15.00	14.50
132(5660 MHz)	14.43	15.00	14.50
136(5680 MHz)	14.36	15.00	14.50
140(5700 MHz)	14.25	15.00	14.50
144(5720 MHz)	14.27	15.00	14.50
149(5745 MHz)	14.17	15.00	14.50
153(5765 MHz)	14.28	15.00	14.50
157(5785 MHz)	14.26	15.00	14.50
161(5805 MHz)	**14.19**	15.00	14.50
165(5825 MHz)	14.29	15.00	14.50

Wi-Fi 5G –DSI1/2

802.11a(dBm)		Power setting	tune up
Channel\data rate	6Mbps		
36(5180 MHz)	17.60	19.00	18.50
40(5200 MHz)	17.85	19.00	18.50
44(5220 MHz)	17.56	19.00	18.50
48(5240 MHz)	**17.35**	19.00	18.50
52(5260 MHz)	**17.11**	19.00	18.50
56(5280 MHz)	17.27	19.00	18.50
60(5300 MHz)	17.34	19.00	18.50
64(5320 MHz)	17.46	19.00	18.50
100(5500 MHz)	17.27	19.00	18.50
104(5520 MHz)	17.32	19.00	18.50
108(5540 MHz)	**17.46**	19.00	18.50
112(5560 MHz)	17.61	19.00	18.50
116(5580 MHz)	17.14	19.00	18.50
120(5600 MHz)	17.22	19.00	18.50
124(5620 MHz)	17.48	19.00	18.50
128(5640 MHz)	17.41	19.00	18.50
132(5660 MHz)	17.89	19.00	18.50
136(5680 MHz)	17.71	19.00	18.50
140(5700 MHz)	17.59	19.00	18.50
144(5720 MHz)	17.57	19.00	18.50
149(5745 MHz)	17.03	19.00	18.50
153(5765 MHz)	17.01	19.00	18.50
157(5785 MHz)	17.04	19.00	18.50
161(5805 MHz)	**17.12**	19.00	18.50
165(5825 MHz)	17.23	19.00	18.50

Wi-Fi 5G –DSI3

802.11a(dBm)		Power setting	tune up
Channel\data rate	6Mbps		
36(5180 MHz)	10.28	10.00	10.50
40(5200 MHz)	10.30	10.00	10.50
44(5220 MHz)	10.21	10.00	10.50
48(5240 MHz)	**10.27**	10.00	10.50
52(5260 MHz)	**10.39**	10.00	10.50
56(5280 MHz)	10.31	10.00	10.50
60(5300 MHz)	10.33	10.00	10.50
64(5320 MHz)	10.40	10.00	10.50
100(5500 MHz)	10.30	10.00	10.50
104(5520 MHz)	10.30	10.00	10.50
108(5540 MHz)	**10.31**	10.00	10.50
112(5560 MHz)	10.22	10.00	10.50
116(5580 MHz)	10.25	10.00	10.50
120(5600 MHz)	10.34	10.00	10.50
124(5620 MHz)	10.33	10.00	10.50
128(5640 MHz)	10.22	10.00	10.50
132(5660 MHz)	10.36	10.00	10.50
136(5680 MHz)	10.27	10.00	10.50
140(5700 MHz)	10.32	10.00	10.50
144(5720 MHz)	10.23	10.00	10.50
149(5745 MHz)	10.22	10.00	10.50
153(5765 MHz)	10.34	10.00	10.50
157(5785 MHz)	10.38	10.00	10.50
161(5805 MHz)	**10.38**	10.00	10.50
165(5825 MHz)	10.39	10.00	10.50

Wi-Fi 5G –DSI4

802.11a(dBm)		Power setting	tune up
Channel\data rate	6Mbps		
36(5180 MHz)	13.49	14.00	14.00
40(5200 MHz)	13.59	14.00	14.00
44(5220 MHz)	13.53	14.00	14.00
48(5240 MHz)	**13.55**	14.00	14.00
52(5260 MHz)	**13.56**	14.00	14.00
56(5280 MHz)	13.47	14.00	14.00
60(5300 MHz)	13.45	14.00	14.00
64(5320 MHz)	13.59	14.00	14.00
100(5500 MHz)	13.50	14.00	14.00
104(5520 MHz)	13.52	14.00	14.00
108(5540 MHz)	**13.64**	14.00	14.00
112(5560 MHz)	13.62	14.00	14.00
116(5580 MHz)	13.45	14.00	14.00
120(5600 MHz)	13.60	14.00	14.00
124(5620 MHz)	13.58	14.00	14.00
128(5640 MHz)	13.56	14.00	14.00
132(5660 MHz)	13.65	14.00	14.00
136(5680 MHz)	13.45	14.00	14.00
140(5700 MHz)	13.60	14.00	14.00
144(5720 MHz)	13.52	14.00	14.00
149(5745 MHz)	13.57	14.00	14.00
153(5765 MHz)	13.61	14.00	14.00
157(5785 MHz)	13.49	14.00	14.00
161(5805 MHz)	**13.46**	14.00	14.00
165(5825 MHz)	13.68	14.00	14.00

Wi-Fi 5G –DSI5

802.11a(dBm)		Power setting	tune up
Channel\data rate	6Mbps		
36(5180 MHz)	11.18	11.00	11.50
40(5200 MHz)	11.19	11.00	11.50
44(5220 MHz)	11.13	11.00	11.50
48(5240 MHz)	**11.09**	11.00	11.50
52(5260 MHz)	**11.21**	11.00	11.50
56(5280 MHz)	11.10	11.00	11.50
60(5300 MHz)	11.16	11.00	11.50
64(5320 MHz)	11.24	11.00	11.50
100(5500 MHz)	11.24	11.00	11.50
104(5520 MHz)	11.12	11.00	11.50
108(5540 MHz)	**11.21**	11.00	11.50
112(5560 MHz)	11.08	11.00	11.50
116(5580 MHz)	11.16	11.00	11.50
120(5600 MHz)	11.19	11.00	11.50
124(5620 MHz)	11.17	11.00	11.50
128(5640 MHz)	11.21	11.00	11.50
132(5660 MHz)	11.27	11.00	11.50
136(5680 MHz)	11.22	11.00	11.50
140(5700 MHz)	11.11	11.00	11.50
144(5720 MHz)	11.20	11.00	11.50
149(5745 MHz)	11.13	11.00	11.50
153(5765 MHz)	11.22	11.00	11.50
157(5785 MHz)	11.11	11.00	11.50
161(5805 MHz)	**11.13**	11.00	11.50
165(5825 MHz)	11.29	11.00	11.50

11.5 5G NR Measurement result

SA-NR			ENDC-NR		
Hotspot off/on+Receiver on	Hotspot on+Receiver off	Hotspot off+Receiver off	Hotspot off/on+Receiver on	Hotspot on+Receiver off	Hotspot off+Receiver off
DSI0	DSI1	DSI2	DSI3	DSI4	DSI5

N2–ANT2 DSI0

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	19.50	19.11
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	19.50	19.24
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	19.50	19.31
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	19.50	19.21
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	19.50	19.10
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	19.50	19.16

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	19.50	19.12
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	19.50	19.13
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	19.50	19.12
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.50	19.16
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	19.50	19.15
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	19.50	19.13
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	19.50	19.12
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.50	19.18
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	19.50	19.13
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	19.50	19.07
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	19.50	19.01
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	19.50	18.99
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	19.50	19.07
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	19.50	19.05
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	19.50	19.09
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	19.50	19.07
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	19.50	19.05
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1880	376000	19.50	19.11
18	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80-40	1880	376000	19.50	19.04
18	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108-54	1880	376000	19.50	19.08

N2–ANT2 DSI1/4

No.	Test Freq Description	5G-n2							Tune up	Power Results
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	22.50	22.23
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	22.50	22.16
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	22.50	22.34
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	22.50	22.23
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	22.50	22.15
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	22.50	22.21
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n2							Tune up	Power Results
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1852.5	370500	22.50	22.17
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1852.5	370500	22.50	21.94
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1852.5	370500	22.50	21.99
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1852.5	370500	22.50	20.71
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1852.5	370500	22.50	22.15
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1852.5	370500	22.50	22.09
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1852.5	370500	22.50	21.68
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1852.5	370500	20.50	18.55
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1852.5	370500	22.50	22.16
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1852.5	370500	22.50	22.15
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1852.5	370500	22.50	22.09
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1852.5	370500	22.50	22.05
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1852.5	370500	22.50	22.12
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1852.5	370500	22.50	22.09
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1852.5	370500	22.50	22.17
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1852.5	370500	22.50	22.14
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1852.5	370500	22.50	22.13
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1880	376000	22.50	22.08
18	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80-40	1880	376000	22.50	22.14
18	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108-54	1880	376000	22.50	22.19

N2–ANT2 DSI2

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	25.50	24.66
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	25.50	24.93
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.50	24.72
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	25.50	24.61
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	25.50	24.60
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	25.50	24.63

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	25.50	24.78
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	24.50	23.59
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	23.00	22.09
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	21.00	20.13
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	24.00	23.12
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.50	22.72
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.00	21.14
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.00	18.09
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	24.50	23.63
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	24.50	23.61
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	24.50	23.57
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	24.50	23.58
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	25.50	24.63
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	25.50	24.65
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	24.50	23.64
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	25.50	24.57
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	25.50	24.62
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1880	376000	25.50	24.62
18	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80-40	1880	376000	25.50	24.78
18	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108-54	1880	376000	25.50	24.81

N2–ANT2 DSI3

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	17.50	17.24
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	17.50	17.23
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	17.50	17.28
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	17.50	17.17
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	17.50	17.23
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	17.50	17.17

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1852.5	370500	17.50	17.21
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1852.5	370500	17.50	17.23
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1852.5	370500	17.50	17.24
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1852.5	370500	17.50	17.18
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1852.5	370500	17.50	17.24
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1852.5	370500	17.50	17.11
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1852.5	370500	17.50	17.16
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1852.5	370500	17.50	17.13
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1852.5	370500	17.50	17.21
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1852.5	370500	17.50	17.12
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1852.5	370500	17.50	17.21
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1852.5	370500	17.50	17.07
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1852.5	370500	17.50	17.14
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1852.5	370500	17.50	17.16
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1852.5	370500	17.50	17.19
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1852.5	370500	17.50	17.07
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1852.5	370500	17.50	17.23
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1880	376000	17.50	17.11
18	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80-40	1880	376000	17.50	17.08
18	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108-54	1880	376000	17.50	17.13

N2–ANT2 DSI5

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	24.50	24.01
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	24.50	24.05
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	24.50	24.11
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	24.50	23.98
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	24.50	23.99
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	24.50	23.94

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1852.5	370500	24.50	24.03
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1852.5	370500	24.50	24.02
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1852.5	370500	24.50	24.01
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1852.5	370500	24.50	22.53
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1852.5	370500	24.50	24.04
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1852.5	370500	24.50	23.99
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1852.5	370500	24.50	23.53
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1852.5	370500	22.50	20.53
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1852.5	370500	24.50	24.04
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1852.5	370500	24.50	24.01
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1852.5	370500	24.50	23.96
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1852.5	370500	24.50	23.94
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1852.5	370500	24.50	23.97
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1852.5	370500	24.50	24.01
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1852.5	370500	24.50	23.98
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1852.5	370500	24.50	23.98
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1852.5	370500	24.50	23.97
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1880	376000	24.50	23.61
18	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80-40	1880	376000	24.50	23.58
18	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108-54	1880	376000	24.50	23.57

N5–ANT0 DSI0

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	24	23.43
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	24	23.55
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	24	23.34
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	24	23.53
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	24	23.54
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	24	23.52

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	24.00	23.49
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	24.00	23.44
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	24.00	22.46
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	21.00	20.56
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	24.00	23.52
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	24.00	23.12
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	23.00	21.52
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	20.00	18.53
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	24.00	23.52
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	24.00	23.49
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	24.00	23.44
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	24.00	23.46
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	24.00	23.44
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	24.00	23.43
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	24.00	23.52
17	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	24.50	23.44
20	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	24.50	23.51
20	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	836.5	167300	24.50	23.28

N5–ANT0 DSI1/2/4/5

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	25.5	24.95
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	25.5	25.03
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	25.5	24.97
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	25.5	24.94
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	25.5	24.96
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	25.5	24.92

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	836.5	167300	25.50	24.85
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	24.50	23.98
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	23.00	22.41
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	21.00	20.50
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	24.00	23.47
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	23.50	23.07
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	22.00	21.53
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	19.00	18.45
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	24.50	23.95
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	24.50	23.94
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	24.50	23.91
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	24.50	23.89
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	25.50	24.77
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	25.50	24.84
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	24.50	24.01
17	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	25.50	24.94
20	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	25.50	24.99
20	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	836.5	167300	25.50	24.68

N5–ANT0 DSI3

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	22.5	21.93
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	22.5	22.12
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	22.5	22.01
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	22.5	21.99
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	22.5	22.01
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	22.5	22.00

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	22.01
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	22.50	21.99
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	22.50	21.97
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	21.00	20.56
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	22.50	22.02
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	22.50	22.11
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	23.00	21.52
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	19.00	18.52
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	23.00	22.01
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	23.00	21.98
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	22.50	21.87
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	22.50	21.88
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	22.50	21.87
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	23.00	21.89
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	22.50	21.96
17	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	22.50	21.92
20	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	23.00	21.97

N25–ANT2 DSI0

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	19.50	19.32
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	19.50	19.45
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	19.50	19.28
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1905	381000	19.50	19.18
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	19.50	19.21
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	19.50	19.14

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1882.5	376500	19.50	19.41
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	19.50	19.42
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	19.50	19.41
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	19.50	19.41
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1882.5	376500	19.50	19.40
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	19.50	19.43
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	19.50	19.42
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	19.50	17.90
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1882.5	376500	19.50	19.40
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	19.50	19.41
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1882.5	376500	19.50	19.40
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	19.50	19.39
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1882.5	376500	19.50	19.40
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	19.50	19.40
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1882.5	376500	19.50	19.43
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	19.50	19.33
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	19.50	19.36
20	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	836.5	167300	19.50	19.31

N25–ANT2 DSI1

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	22.50	22.33
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	22.50	22.42
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	22.50	22.24
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1905	381000	22.50	22.21
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	22.50	22.24
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	22.50	22.28

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1882.5	376500	22.50	22.24
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	22.50	21.89
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	22.50	22.02
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	22.50	20.64
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1882.5	376500	22.50	22.24
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	22.50	22.03
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	22.50	21.66
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	20.50	18.57
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1882.5	376500	22.50	22.17
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	22.50	22.20
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1882.5	376500	22.50	22.14
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	22.50	22.07
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1882.5	376500	22.50	22.08
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	22.50	22.14
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1882.5	376500	22.50	22.16
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	22.50	22.04
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	22.50	22.19
20	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	836.5	167300	22.50	22.03

N25–ANT2 DSI2

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	25.50	25.12
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	25.50	25.30
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.50	25.10
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1905	381000	25.50	25.02
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	25.50	24.98
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	25.50	24.95

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1882.5	376500	25.50	25.24
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	24.50	23.96
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	23.00	22.49
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	21.00	20.52
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1882.5	376500	24.00	23.51
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	23.50	23.12
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	22.00	21.53
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	19.00	18.46
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1882.5	376500	24.50	24.00
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	24.50	24.01
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1882.5	376500	24.50	23.98
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	24.50	24.00
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1882.5	376500	25.50	25.04
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	25.50	25.02
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1882.5	376500	24.50	24.00
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	25.50	24.94
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	25.50	24.99
20	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	836.5	167300	25.50	24.77

N41–ANT4 DSI0/1/4

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	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	20.50	19.19
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	20.50	18.88
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	20.50	19.20
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	20.50	18.86
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	20.50	18.55
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	20.50	18.97
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	20.50	19.07
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	20.50	18.83

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS	NR BW	Modulation	RB allocation		NR	NR	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2592.99	518598	20.50	19.07
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	20.50	19.11
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	20.50	19.07
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	20.50	19.16
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	20.50	19.07
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	20.50	19.13
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	20.50	19.02
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	20.50	19.09
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2592.99	518598	20.50	19.17
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	20.50	18.99
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2592.99	518598	20.50	19.13
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	20.50	18.99
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2592.99	518598	20.50	19.15
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	20.50	19.02
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2592.99	518598	20.50	19.09
16	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	20.50	19.05
17	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	20.50	19.07
18	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	20.50	19.06
19	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	20.50	19.03
20	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	20.50	18.76
21	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	20.50	19.05

N41–ANT4 DSI2/5

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	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	22.00	21.22
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	22.00	20.89
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	22.00	21.23
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	22.00	20.89
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	22.00	20.57
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	22.00	20.95
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	22.00	21.08
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	22.00	20.81

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS	NR BW	Modulation	RB allocation		NR	NR	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2592.99	518598	22.00	21.11
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	22.00	21.17
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	22.00	21.12
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	22.00	21.16
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	22.00	21.13
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	22.00	21.18
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	22.00	21.06
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	22.00	21.14
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2592.99	518598	22.00	21.18
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	22.00	21.00
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2592.99	518598	22.00	21.14
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	22.00	21.02
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2592.99	518598	22.00	21.17
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	22.00	21.04
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2592.99	518598	22.00	21.11
16	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	22.00	21.04
17	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	22.00	21.13
18	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	22.00	21.09
19	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	22.00	20.99
20	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	22.00	20.83
21	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	22.00	21.08

N41–ANT4 DSI3

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	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	19.50	18.29
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	19.50	18.04
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	19.50	18.37
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	19.50	17.98
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	19.50	17.61
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	19.50	18.02
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	19.50	18.13
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	19.50	17.88

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS	NR BW	Modulation	RB allocation		NR	NR	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2592.99	518598	19.50	18.13
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	19.50	18.15
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	19.50	18.21
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	19.50	18.32
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	19.50	18.23
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	19.50	18.30
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	19.50	18.11
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	19.50	18.14
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2592.99	518598	19.50	18.30
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	19.50	18.11
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2592.99	518598	19.50	18.29
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	19.50	18.17
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2592.99	518598	19.50	18.18
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	19.50	18.14
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2592.99	518598	19.50	18.18
16	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	19.50	18.21
17	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	19.50	18.15
18	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	19.50	18.20
19	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	19.50	18.22
20	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	19.50	17.88
21	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	19.50	18.09

N48–ANT2 DSI0

No.	Test Freq Description	5G-n48								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n48
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	23.50	22.02
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	23.50	22.53
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	23.50	22.52
4	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3649.98	643332	23.50	22.43
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3624.99	641666	23.50	22.13
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3600	640000	23.50	22.06

No.	Test Freq Description	5G-n48								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n48
1	Low	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3624.99	641666	23.50	21.99
2	Low	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	22.50	20.99
3	Low	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	21.00	19.53
4	Low	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	19.00	18.14
5	Low	30	10	CP-OFDM QPSK	Inner_Full	12_6	3624.99	641666	22.00	20.30
6	Low	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	21.50	19.77
7	Low	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	20.00	18.84
8	Low	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	17.00	15.85
9	Low	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	1_23	3624.99	641666	22.50	21.53
10	Low	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	1_0	3624.99	641666	22.50	21.42
11	Low	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	2_22	3624.99	641666	22.50	21.43
12	Low	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	2_0	3624.99	641666	22.50	21.38
13	Low	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3624.99	641666	23.50	22.62
14	Low	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3624.99	641666	23.50	22.44
15	Low	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	3624.99	641666	22.50	21.70
18	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	23.50	22.21
18	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	23.50	22.19
18	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	23.50	22.23
18	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3624.99	641666	23.50	22.20
18	Low	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3624.99	641666	23.50	22.11
18	Low	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3624.99	641666	23.50	22.22
18	Low	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3624.99	641666	23.50	22.25
18	Low	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3624.99	641666	23.50	22.20

N48–ANT2 DSI1/2

No.	Test Freq Description	5G-n48								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n48
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	25.50	23.90
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	25.50	24.46
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	25.50	24.45
4	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3649.98	643332	25.50	24.27
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3624.99	641666	25.50	24.08
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3600	640000	25.50	23.96

No.	Test Freq Description	5G-n48								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n48
1	Low	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3624.99	641666	25.50	23.87
2	Low	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	24.50	22.93
3	Low	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	23.00	21.45
4	Low	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	21.00	19.97
5	Low	30	10	CP-OFDM QPSK	Inner_Full	12_6	3624.99	641666	24.00	22.18
6	Low	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	23.50	21.75
7	Low	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	22.00	20.78
8	Low	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	19.00	17.79
9	Low	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	1_23	3624.99	641666	24.50	23.40
10	Low	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	1_0	3624.99	641666	24.50	23.38
11	Low	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	2_22	3624.99	641666	24.50	23.39
12	Low	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	2_0	3624.99	641666	24.50	23.37
13	Low	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3624.99	641666	25.50	24.45
14	Low	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3624.99	641666	25.50	24.36
15	Low	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	3624.99	641666	24.50	23.69
18	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	24.50	24.06
18	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	24.50	24.13
18	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	24.50	24.15
18	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3624.99	641666	24.50	24.10
18	Low	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3624.99	641666	24.50	24.01
18	Low	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3624.99	641666	24.50	24.15
18	Low	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3624.99	641666	24.50	24.23
18	Low	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3624.99	641666	24.50	24.04

N66–ANT2 DSI0/4

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm) n66
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)			
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	21.5	21.14
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	21.5	21.19
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	21.5	21.06
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1770	354000	21.5	20.96
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	21.5	20.88
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1720	344000	21.5	21.12

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm) n66
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	21.50	21.03
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	21.50	20.95
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.50	21.00
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	21.50	19.62
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	21.50	20.95
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	21.50	21.12
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.50	20.47
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	19.00	17.64
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	22.50	20.86
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	22.50	20.91
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	21.50	20.94
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	21.50	20.86
11	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	21.50	21.05
12	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	22.50	21.00
13	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	21.50	20.96
14	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745	349000	21.50	20.98
15	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745	349000	21.50	21.05
16	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745	349000	22.50	21.08
17	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745	349000	22.50	20.99

N66–ANT2 DSI1/2

No.	Test Freq Description	5G-n66								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		Tune up	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	25.5	24.86
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	25.5	24.96
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	25.5	24.83
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1770	354000	25.5	24.82
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	25.5	24.77
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1720	344000	25.5	24.87

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

No.	Test Freq Description	5G-n66								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	25.50	24.91
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	24.50	23.76
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	23.00	22.23
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	21.00	20.28
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	24.00	23.25
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	23.50	22.87
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	22.00	21.29
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	19.00	18.39
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	24.50	23.74
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	24.50	23.73
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	24.50	23.67
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	24.50	23.68
11	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	25.50	24.70
12	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	25.50	24.71
13	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	24.50	23.76
14	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745	349000	25.50	24.70
15	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745	349000	25.50	24.71
16	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745	349000	25.50	24.86
17	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745	349000	25.50	24.87

N66–ANT2 DSI3

No.	Test Freq Description	5G-n66								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		Tune up	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	19.5	18.93
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	19.5	19.03
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	19.5	18.88
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1770	354000	19.5	18.98
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	19.5	18.99
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1720	344000	19.5	18.98

No.	Test Freq Description	5G-n66								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	19.5	18.93
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	19.5	18.96
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	19.5	18.99
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	19.5	18.94
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	19.5	18.95
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	19.5	18.98
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	19.5	18.90
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	19.5	18.88
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	19.5	19.00
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	19.5	18.94
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	19.5	18.98
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	19.5	18.93
11	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	19.5	18.94
12	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	19.5	18.91
13	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	19.5	18.93
14	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745	349000	19.5	18.95
15	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745	349000	19.5	19.00
16	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745	349000	19.5	18.89
17	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745	349000	19.5	18.93

N66–ANT2 DSI5

No.	Test Freq Description	5G-n66								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		Tune up	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	24.5	24.00
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	24.5	24.16
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	24.5	24.01
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1770	354000	24.5	24.01
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	24.5	23.87
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1720	344000	24.5	24.03

No.	Test Freq Description	5G-n66								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	24.50	24.06
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	23.50	22.84
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	22.00	21.41
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	20.00	19.40
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	23.00	22.34
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	22.50	21.99
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.00	20.45
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.00	17.57
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	23.50	22.85
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	23.50	22.92
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	23.50	22.87
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	23.50	22.86
11	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	24.50	23.86
12	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	24.50	23.81
13	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	23.50	22.88
14	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745	349000	24.50	23.78
15	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745	349000	24.50	23.84
16	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745	349000	24.50	24.01
17	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745	349000	24.50	24.00

N71–ANT0 DSI0/1/2/4/5

No.	Test Freq Description	5G-n71							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n28
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	695.5	139100	25.50	24.61
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	680.5	136100	25.50	24.75
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	665.5	133100	25.50	24.74
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	688	137600	25.50	24.60
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	680.5	136100	25.50	24.70
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	673	134600	25.50	24.56

No.	Test Freq Description	5G-n71							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n28
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	680.5	136100	25.50	24.68
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	680.5	136100	25.50	24.31
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	680.5	136100	25.50	24.21
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	680.5	136100	23.50	22.27
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	680.5	136100	25.50	24.73
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	680.5	136100	25.50	24.72
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	680.5	136100	23.50	23.26
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	680.5	136100	21.50	20.18
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	680.5	136100	25.50	24.68
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	680.5	136100	25.50	24.74
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	680.5	136100	25.50	24.66
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	680.5	136100	25.50	24.64
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	680.5	136100	25.50	24.68
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	680.5	136100	25.50	24.69
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	680.5	136100	25.50	24.73
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	680.5	136100	25.50	24.67
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	680.5	136100	25.50	24.74
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	680.5	136100	25.50	24.63
18	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80-40	680.5	136100	25.50	24.71

N71–ANT0 DSI3

No.	Test Freq Description	5G-n71							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n28
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	695.5	139100	23.50	22.61
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	680.5	136100	23.50	22.75
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	665.5	133100	23.50	22.74
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	688	137600	23.50	22.60
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	680.5	136100	23.50	22.70
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	673	134600	23.50	22.56

No.	Test Freq Description	5G-n71							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n28
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	680.5	136100	23.50	22.68
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	680.5	136100	23.50	22.71
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	680.5	136100	23.50	22.21
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	680.5	136100	21.50	20.27
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	680.5	136100	23.50	22.75
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	680.5	136100	23.50	22.82
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	680.5	136100	22.50	21.26
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	680.5	136100	19.50	18.18
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	680.5	136100	23.50	22.78
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	680.5	136100	23.50	22.75
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	680.5	136100	23.50	22.66
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	680.5	136100	23.50	22.64
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	680.5	136100	23.50	22.68
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	680.5	136100	23.50	22.69
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	680.5	136100	23.50	22.73
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	680.5	136100	23.50	22.67
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	680.5	136100	23.50	22.74

N77 L–ANT2 DSI0/3/4

No.	Test Freq Description	5G-n77								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	18	16.79
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	18	16.99
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	18	16.90
4	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	18	16.79

No.	Test Freq Description	5G-n77								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	18.00	16.79
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	18.00	16.84
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	18.00	16.81
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	18.00	16.97
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	18.00	16.91
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	18.00	16.82
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	18.00	16.94
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	18.00	16.80
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	3500.01	633334	18.00	16.78
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3500.01	633334	18.00	16.76
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	3500.01	633334	18.00	16.75
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3500.01	633334	18.00	16.76
9	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	3500.01	633334	18.00	16.84
10	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	18.00	16.86
11	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	3500.01	633334	18.00	16.66
18	Middle	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	18.00	16.80
18	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	18.00	16.79
20	Middle	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	18.00	16.89
22	Middle	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	18.00	16.86

N77 L–ANT2 DSI1

No.	Test Freq Description	5G-n77								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	19.5	18.24
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	19.5	18.31
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	19.5	18.22
4	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	19.5	18.21

No.	Test Freq Description	5G-n77								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	19.50	18.23
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	19.50	18.21
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	19.50	18.20
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	19.50	18.29
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	19.50	18.28
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	19.50	18.29
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	19.50	18.29
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	19.50	18.22
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	3500.01	633334	19.50	18.12
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3500.01	633334	19.50	18.13
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	3500.01	633334	19.50	18.12
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3500.01	633334	19.50	18.13
9	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	3500.01	633334	19.50	18.24
10	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	19.50	18.25
11	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	3500.01	633334	19.50	18.12
18	Middle	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	19.50	18.13
18	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	19.50	18.24
20	Middle	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	19.50	18.25
22	Middle	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	19.50	18.18

N77 L–ANT2 DSI2/5

No.	Test Freq Description	5G-n77								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	20	18.72
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	20	18.79
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	20	18.69
4	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	20	18.68

No.	Test Freq Description	5G-n77								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	20	18.71
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	20	18.68
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	20	18.67
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	20	18.77
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	20	18.76
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	20	18.77
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	20	18.77
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	20	18.69
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	3500.01	633334	20	18.59
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3500.01	633334	20	18.60
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	3500.01	633334	20	18.59
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3500.01	633334	20	18.60
9	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	3500.01	633334	20	18.72
10	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	20	18.73
11	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	3500.01	633334	20	18.59
18	Middle	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	20	18.60
18	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	20	18.72
20	Middle	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	20	18.73
22	Middle	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	20	18.65

N77 H–ANT2 DSI0

No.	Test Freq Description	5G-n77								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3969.990	664666	18	16.48
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3918.000	661200	18	16.49
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3866.000	657733	18	16.49
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3814.000	654267	18	16.46
5	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3762.000	650800	18	16.57
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3710.010	647334	18	16.44
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3930.000	662000	18	16.35
12	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3750.000	650000	18	16.41

No.	Test Freq Description	5G-n77								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n77
1	Middle-5	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3762.000	650800	18.00	16.46
2	Middle-5	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3762.000	650800	18.00	16.50
3	Middle-5	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3762.000	650800	18.00	16.36
4	Middle-5	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3762.000	650800	18.00	16.55
5	Middle-5	30	20	CP-OFDM QPSK	Inner_Full	25_12	3762.000	650800	18.00	16.46
6	Middle-5	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3762.000	650800	18.00	16.54
7	Middle-5	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3762.000	650800	18.00	16.50
8	Middle-5	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3762.000	650800	18.00	16.49
9	Middle-5	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	3762.000	650800	18.00	16.42
10	Middle-5	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3762.000	650800	18.00	16.30
9	Middle-5	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	3762.000	650800	18.00	16.37
10	Middle-5	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3762.000	650800	18.00	16.38
11	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	3762.000	650800	18.00	16.52
12	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3762.000	650800	18.00	16.41
13	Middle-5	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	3762.000	650800	18.00	16.35
16	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3762.000	650800	18.00	16.43
17	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3762.000	650800	18.00	16.52
18	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3762.000	650800	18.00	16.53
19	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3762.000	650800	18.00	16.37

N77 H–ANT2 DSI1

No.	Test Freq Description	5G-n77								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3969.990	664666	19.5	17.85
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3918.000	661200	19.5	17.88
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3866.000	657733	19.5	17.86
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3814.000	654267	19.5	17.88
5	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3762.000	650800	19.5	17.94
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3710.010	647334	19.5	17.84
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3930.000	662000	19.5	17.83
12	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3750.000	650000	19.5	17.87

No.	Test Freq Description	5G-n77								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n77
1	Middle-5	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3762.000	650800	19.50	17.86
2	Middle-5	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3762.000	650800	19.50	17.83
3	Middle-5	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3762.000	650800	19.50	17.82
4	Middle-5	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3762.000	650800	19.50	17.92
5	Middle-5	30	20	CP-OFDM QPSK	Inner_Full	25_12	3762.000	650800	19.50	17.91
6	Middle-5	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3762.000	650800	19.50	17.92
7	Middle-5	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3762.000	650800	19.50	17.92
8	Middle-5	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3762.000	650800	19.50	17.84
9	Middle-5	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	3762.000	650800	19.50	17.75
10	Middle-5	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3762.000	650800	19.50	17.76
9	Middle-5	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	3762.000	650800	19.50	17.75
10	Middle-5	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3762.000	650800	19.50	17.76
11	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	3762.000	650800	19.50	17.88
12	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3762.000	650800	19.50	17.89
13	Middle-5	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	3762.000	650800	19.50	17.75
16	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3762.000	650800	19.50	17.76
17	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3762.000	650800	19.50	17.88
18	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3762.000	650800	19.50	17.89
19	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3762.000	650800	19.50	17.81

N77 H–ANT2 DSI2

No.	Test Freq Description	5G-n77								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n77
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3969.990	664666	20	18.37
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3918.000	661200	20	18.41
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3866.000	657733	20	18.39
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3814.000	654267	20	18.41
5	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3762.000	650800	20	18.47
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3710.010	647334	20	18.36
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3930.000	662000	20	18.35
12	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3750.000	650000	20	18.40

No.	Test Freq Description	5G-n77								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n77
1	Middle-5	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3762.000	650800	20.00	18.39
2	Middle-5	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3762.000	650800	20.00	18.35
3	Middle-5	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3762.000	650800	20.00	18.34
4	Middle-5	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3762.000	650800	20.00	18.45
5	Middle-5	30	20	CP-OFDM QPSK	Inner_Full	25_12	3762.000	650800	20.00	18.44
6	Middle-5	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3762.000	650800	20.00	18.45
7	Middle-5	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3762.000	650800	20.00	18.45
8	Middle-5	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3762.000	650800	20.00	18.36
9	Middle-5	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	3762.000	650800	20.00	18.27
10	Middle-5	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3762.000	650800	20.00	18.28
9	Middle-5	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	3762.000	650800	20.00	18.27
10	Middle-5	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3762.000	650800	20.00	18.28
11	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	3762.000	650800	20.00	18.41
12	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3762.000	650800	20.00	18.42
13	Middle-5	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	3762.000	650800	20.00	18.27
16	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3762.000	650800	20.00	18.28
17	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3762.000	650800	20.00	18.41
18	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3762.000	650800	20.00	18.42
19	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3762.000	650800	20.00	18.33

N78 L–ANT2 DSI0

No.	Test Freq Description	5G-n78							15.5	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	15.5	14.58
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	15.5	14.64
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	15.5	14.56
4	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	15.5	14.55

No.	Test Freq Description	5G-n78								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	15.50	14.58
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	15.50	14.55
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	15.50	14.54
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	15.50	14.62
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	15.50	14.62
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	15.50	14.62
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	15.50	14.62
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	15.50	14.56
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	3500.01	633334	15.50	14.48
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3500.01	633334	15.50	14.49
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	3500.01	633334	15.50	14.48
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3500.01	633334	15.50	14.49
9	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	3500.01	633334	15.50	14.58
10	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	15.50	14.59
11	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	3500.01	633334	15.50	14.48
18	Middle	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	15.50	14.49
18	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	15.50	14.58
20	Middle	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	15.50	14.59
22	Middle	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	15.50	14.53

N78 L–ANT2 DSI1

No.	Test Freq Description	5G-n78								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	18	17.11
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	18	17.18
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	18	17.09
4	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	18	17.07

No.	Test Freq Description	5G-n78								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	18	17.11
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	18	17.07
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	18	17.06
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	18	17.16
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	18	17.16
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	18	17.16
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	18	17.16
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	18	17.08
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	3500.01	633334	18	16.99
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3500.01	633334	18	17.00
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	3500.01	633334	18	16.99
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3500.01	633334	18	17.00
9	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	3500.01	633334	18	17.11
10	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	18	17.12
11	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	3500.01	633334	18	16.99
18	Middle	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	18	17.00
18	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	18	17.11
20	Middle	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	18	17.12
22	Middle	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	18	17.05

N78 L–ANT2 DSI2

No.	Test Freq Description	5G-n78							16.5	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	16.5	15.53
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	16.5	15.59
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	16.5	15.51
4	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	16.5	15.49

No.	Test Freq Description	5G-n78								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	16.50	15.53
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	16.50	15.49
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	16.50	15.48
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	16.50	15.57
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	16.50	15.57
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	16.50	15.57
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	16.50	15.57
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	16.50	15.50
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	3500.01	633334	16.50	15.42
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3500.01	633334	16.50	15.43
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	3500.01	633334	16.50	15.42
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3500.01	633334	16.50	15.43
9	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	3500.01	633334	16.50	15.53
10	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	16.50	15.54
11	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	3500.01	633334	16.50	15.42
18	Middle	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	16.50	15.43
18	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	16.50	15.53
20	Middle	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	16.50	15.54
22	Middle	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	16.50	15.47

N78 H–ANT2 DSI0

No.	Test Freq Description	5G-n78							15.5	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3795	653000	15.5	15.16
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3750	650000	15.5	15.22
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3705	647000	15.5	15.14
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750	650000	15.5	15.12

No.	Test Freq Description	5G-n78								Power Results (dBm)
		SCS (kHz)	20	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3750	650000	15.50	15.16
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3750	650000	15.50	15.12
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3750	650000	15.50	15.11
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3750	650000	15.50	15.20
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3750	650000	15.50	15.20
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3750	650000	15.50	15.20
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3750	650000	15.50	15.20
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3750	650000	15.50	15.13
14	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	3750	650000	15.50	15.05
15	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3750	650000	15.50	15.06
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	3750	650000	15.50	15.05
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3750	650000	15.50	15.06
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	3750	650000	15.50	15.16
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3750	650000	15.50	15.17
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	3750	650000	15.50	15.05
16	Middle	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3750	650000	15.50	15.06
16	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3750	650000	15.50	15.16
17	Middle	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3750	650000	15.50	15.17
18	Middle	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3750	650000	15.50	15.10

N78 H–ANT2 DSI1

No.	Test Freq Description	5G-n78							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	3795	653000	18	17.71
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3750	650000	18	17.78
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3705	647000	18	17.69
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750	650000	18	17.67

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm)
		SCS (kHz)	20	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n78
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3750	650000	18.00	17.71
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3750	650000	18.00	17.67
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3750	650000	18.00	17.66
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3750	650000	18.00	17.76
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3750	650000	18.00	17.76
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3750	650000	18.00	17.76
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3750	650000	18.00	17.76
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3750	650000	18.00	17.68
14	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	3750	650000	18.00	17.58
15	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3750	650000	18.00	17.59
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	3750	650000	18.00	17.58
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3750	650000	18.00	17.59
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	3750	650000	18.00	17.71
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3750	650000	18.00	17.72
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	3750	650000	18.00	17.58
16	Middle	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3750	650000	18.00	17.59
16	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3750	650000	18.00	17.71
17	Middle	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3750	650000	18.00	17.72
18	Middle	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3750	650000	18.00	17.65

N78 H–ANT2 DSI2

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm) n78
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3795	653000	16.5	16.19
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3750	650000	16.5	16.25
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3705	647000	16.5	16.17
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750	650000	16.5	16.15
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm) n78
		SCS (kHz)	20	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3750	650000	16.50	16.19
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3750	650000	16.50	16.15
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3750	650000	16.50	16.14
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3750	650000	16.50	16.23
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3750	650000	16.50	16.23
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3750	650000	16.50	16.23
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3750	650000	16.50	16.23
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3750	650000	16.50	16.16
14	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	3750	650000	16.50	16.07
15	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3750	650000	16.50	16.08
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	3750	650000	16.50	16.07
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3750	650000	16.50	16.08
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	3750	650000	16.50	16.19
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3750	650000	16.50	16.20
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	3750	650000	16.50	16.07
16	Middle	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3750	650000	16.50	16.08
16	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3750	650000	16.50	16.19
17	Middle	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3750	650000	16.50	16.20
18	Middle	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3750	650000	16.50	16.12

12 Simultaneous TX SAR Considerations

12.1 Transmit Antenna Separation Distances

The detail for transmit antenna separation distances is described in the additional document:
Appendix to test report No.23T04Z80421-47
The photos of SAR test

12.2 SAR Measurement Positions

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

SAR measurement positions						
Mode	Front	Rear	Left	Right	Top	Bottom
ANT0/7	Yes	Yes	Yes	Yes	Yes	No
ANT1	Yes	Yes	Yes	Yes	No	Yes
ANT2/3	Yes	Yes	No	Yes	Yes	Yes
ANT4	Yes	Yes	Yes	No	Yes	Yes

13 Evaluation of Simultaneous

WWAN+WIFI		GSM850	GSM1900	WCDMA850	WCDMA1700	WCDMA1900	LTEBand_2	LTEBand_4	LTEBand_5	LTEBand_7	LTEBand_12	LTEBand_13	LTEBand_25	LTEBand_26	LTEBand_41PC2	LTEBand_41PC3	LTEBand_48	LTEBand_66	LTEBand_71	WIFI2.4G	WIFI5G	BT	NFC	WWAN+WIFI2.4G+NFC	WWAN+WIFI5G+BT+NFC
Head	Cheek Left	0.87	0.87	0.42	0.72	0.66	0.76	0.68	0.47	0.23	0.37	0.49	0.58	0.47	0.15	0.19	0.12	0.6	0.4	0.09	0.11	0.05	0	0.96	1.03
	Tilt Left	1.02	0.31	0.52	0.58	0.33	0.26	0.36	0.52	0.12	0.42	0.52	0.28	0.56	0.08	0.09	0.07	0.32	0.43	0.07	0.13	0.06	0	1.09	1.21
	Cheek Right	1.01	0.21	0.5	0.55	0.3	0.32	0.34	0.53	0.95	0.48	0.6	0.23	0.52	0.62	0.75	0.02	0.27	0.49	0.03	0.04	0.03	0	1.04	1.08
	Tilt Right	1.12	0.24	0.57	0.51	0.25	0.27	0.31	0.63	0.23	0.65	0.6	0.21	0.63	0.14	0.17	0.02	0.27	0.57	0.03	0.04	0.02	0	1.15	1.18
																							0	0	0
Body	Front 10mm	0.3	0.45	0.24	0.46	0.4	0.27	0.32	0.32	0.22	0.16	0.27	0.29	0.31	0.36	0.24	0.08	0.26	0.21	0.09	0.04	0	0	0.55	0.5
	Rear 10mm	0.29	0.58	0.23	0.56	0.49	0.35	0.39	0.3	0.66	0.24	0.34	0.35	0.29	0.76	0.48	0.22	0.31	0.32	0.07	0.13	0	0	0.83	0.89
	Left 10mm	0.31		0.18					0.22	0.43	0.12	0.29		0.27	0.82	0.54			0.36	0	0	0	0	0.82	0.82
	Right 10mm	0.1	0.74	0.07	0.62	0.76	0.58	0.42	0.08		0.06	0	0.58	0			0.25	0.4	0	0.07	0.1	0	0	0.83	0.86
	Bottom 10mm																			0	0	0	0	0	0
	Top 10mm	0.49	0.22	0.38	0.28	0.15	0.16	0.24	0.45	0.05	0.19	0.26	0.07	0.33	0.11	0.06	0	0.16	0.21	0	0.08	0	0	0.49	0.57
																				0		0	0	0	0
	Front 15mm	0.32	0.15	0.18	0.29	0.33	0.34	0.25	0.26	0.14	0.21	0.26	0.33	0.22	0.27	0.19	0	0.19	0.21	0	0	0	0	0.34	0.34
	Rear 15mm	0.27	0.26	0.21	0.42	0.39	0.4	0.32	0.26	0.28	0.24	0.38	0.4	0.25	0.55	0.37	0.08	0.27	0.27	0	0	0	0	0.55	0.55

SA+WIFI		N2	N5	N25	N66	N41	N48	N71	N77	N78	WIFI2.4G	WIFI5G	BT	NFC	SA+WIFI2.4G+NFC	SA+WIFI5G+BT+NFC
Head	Cheek Left	0.69	0.52	0.63	0.81	0.26	0.9	0.4	0.67	0.45	0.09	0.11	0.05	0	0.99	1.06
	Tilt Left	0.28	0.6	0.29	0.44	0.11	0.39	0.46	0.32	0.25	0.07	0.13	0.06	0	0.67	0.79
	Cheek Right	0.29	0.58	0.25	0.41	0.91	0.16	0.54	0.09	0.07	0.03	0.04	0.03	0	0.94	0.98
	Tilt Right	0.24	0.67	0.22	0.38	0.2	0.15	0.66	0.08	0.07	0.03	0.04	0.02	0	0.7	0.73
											0	0	0	0	0	0
Body	Front 10mm	0.4	0.35	0.38	0.58	0.25	0.37	0.29	0.3	0.18	0.09	0.04	0	0	0.67	0.62
	Rear 10mm	0.47	0.33	0.41	0.62	0.48	1.02	0.38	0.45	0.3	0.07	0.13	0	0	1.09	1.15
	Left 10mm		0.31			0.74	0	0.32			0	0	0	0	0.74	0.74
	Right 10mm	0.69	0.14	0.79	0.81		1.1	0.17	1	0.64	0.07	0.1	0	0	1.17	1.2
	Bottom 10mm	0		0	0	0	0		0	0	0	0	0	0	0	0
	Top 10mm	0.07	0.59	0.09	0.43	0.08	0.58	0.36	0.12	0.11	0	0.08	0	0	0.59	0.67
											0	0	0	0	0	0
	Front 15mm	0.44	0.34	0.35	0.39	0.2	0.16	0.27	0.07	0.09	0	0	0	0	0.44	0.44
	Rear 15mm	0.51	0.22	0.39	0.54	0.52	0.51	0.33	0.26	0.16	0	0	0	0	0.54	0.54

NSA+WIFI		LTEB2_ANT1	N2_ANT2	N5_NT0	N41_ANT4	N66_ANT2	N71_ANT0	N77_ANT2	WIFI2.4G	WIFI5G	BT	NFC	NSA+WIFI2.4G+NFC	NSA+WIFI5G+BT+NFC
Head	Cheek Left	0.12	0.34	0.39	0.19	0.43	0.26	0.67	0.09	0.11	0.05	0	0.88	0.95
	Tilt Left	0.05	0.15	0.45	0.08	0.21	0.31	0.32	0.07	0.13	0.06	0	0.57	0.69
	Cheek Right	0.14	0.15	0.46	0.56	0.18	0.34	0.09	0.03	0.04	0.03	0	0.73	0.77
	Tilt Right	0.1	0.13	0.48	0.14	0.18	0.42	0.08	0.03	0.04	0.02	0	0.61	0.64
									0	0	0	0	0	0
Body	Front 10mm	0.06	0.4	0.35	0.25	0.25	0.29	0.2	0.09	0.04	0	0	0.55	0.5
	Rear 10mm	0.1	0.47	0.33	0.48	0.27	0.38	0.31	0.07	0.13	0	0	0.65	0.71
	Left 10mm		0	0.31	0.74		0.32		0	0	0	0	0.74	0.74
	Right 10mm	0	0.69	0.14	0	0.39	0.17	0.74	0.07	0.1	0	0	0.81	0.84
	Bottom 10mm	0.37	0	0	0	0	0	0	0	0	0	0	0.37	0.37
	Top 10mm		0.07	0.59	0.08	0.26	0.36	0.1	0	0.08	0	0	0.59	0.67
				0	0		0		0	0	0	0	0	0
	Front 15mm	0.14	0.34	0.34	0.2	0.38	0.27	0.07	0	0	0	0	0.52	0.52
	Rear 15mm	0.2	0.4	0.22	0.52	0.52	0.33	0.26	0	0	0	0	0.72	0.72

NSA+WIFI		LTEB5_ANT0	N2_ANT2	N66_ANT2	N77_ANT2	N78_ANT2	WIFI2.4G	WIFI5G	BT	NFC	NSA+WIFI2.4G+NFC	NSA+WIFI5G+BT+NFC
Head	Cheek Left	0.34	0.34	0.43	0.67	0.45	0.09	0.11	0.05	0	1.1	1.17
	Tilt Left	0.39	0.15	0.21	0.32	0.25	0.07	0.13	0.06	0	0.78	0.9
	Cheek Right	0.38	0.15	0.18	0.09	0.07	0.03	0.04	0.03	0	0.59	0.63
	Tilt Right	0.43	0.13	0.18	0.08	0.07	0.03	0.04	0.02	0	0.64	0.67
Body	Front 10mm	0.32	0.4	0.25	0.2	0.18	0.09	0.04	0	0	0.81	0.76
	Rear 10mm	0.3	0.47	0.27	0.31	0.3	0.07	0.13	0	0	0.84	0.9
	Left 10mm	0.22	0	0	0	0	0	0	0	0	0.22	0.22
	Right 10mm	0.08	0.69	0.39	0.74	0.64	0.07	0.1	0	0	0.89	0.92
	Bottom 10mm	0	0	0	0	0	0	0	0	0	0	0
	Top 10mm	0.45	0.07	0.26	0.1	0.11	0	0.08	0	0	0.71	0.79
	Front 15mm	0.26	0.34	0.38	0.07	0.09	0	0	0	0	0.64	0.64
	Rear 15mm	0.26	0.4	0.52	0.26	0.16	0	0	0	0	0.78	0.78

NSA+WIFI		LTEB7_ANT3	N66_ANT2	N77_ANT2	N78_ANT2	WIFI2.4G	WIFI5G	BT	NFC	NSA+WIFI2.4G+NFC	NSA+WIFI5G+BT+NFC
Head	Cheek Left	0.05	0.43	0.67	0.45	0.09	0.11	0.05	0	0.81	0.88
	Tilt Left	0	0.21	0.32	0.25	0.07	0.13	0.06	0	0.39	0.51
	Cheek Right	0	0.18	0.09	0.07	0.03	0.04	0.03	0	0.21	0.25
	Tilt Right	0	0.18	0.08	0.07	0.03	0.04	0.02	0	0.21	0.24
			0	0	0	0	0	0	0	0	0
Body	Front 10mm	0	0.25	0.2	0.18	0.09	0.04	0	0	0.34	0.29
	Rear 10mm	0	0.27	0.31	0.3	0.07	0.13	0	0	0.38	0.44
	Left 10mm		0	0	0	0	0	0	0	0	0
	Right 10mm	0	0.39	0.74	0.64	0.07	0.1	0	0	0.81	0.84
	Bottom 10mm	0	0	0	0	0	0	0	0	0	0
	Top 10mm		0.26	0.1	0.11	0	0.08	0	0	0.26	0.34
			0	0	0	0	0	0	0	0	0
	Front 15mm	0	0.38	0.07	0.09	0	0	0	0	0.38	0.38
	Rear 15mm	0	0.52	0.26	0.16	0	0	0	0	0.52	0.52

NSA+WIFI		LTEB12_ANT0	N2_ANT2	N66_ANT2	N77_ANT2	WIFI2.4G	WIFI5G	BT	NFC	NSA+WIFI2.4G+NFC	NSA+WIFI5G+BT+NFC
Head	Cheek Left	0.3	0.34	0.43	0.67	0.09	0.11	0.05	0	1.06	1.13
	Tilt Left	0.32	0.15	0.21	0.32	0.07	0.13	0.06	0	0.71	0.83
	Cheek Right	0.38	0.15	0.18	0.09	0.03	0.04	0.03	0	0.59	0.63
	Tilt Right	0.44	0.13	0.18	0.08	0.03	0.04	0.02	0	0.65	0.68
			0	0	0	0	0	0	0	0	0
Body	Front 10mm	0.16	0.4	0.25	0.2	0.09	0.04	0	0	0.65	0.6
	Rear 10mm	0.24	0.47	0.27	0.31	0.07	0.13	0	0	0.78	0.84
	Left 10mm	0.13	0	0	0	0	0	0	0	0.13	0.13
	Right 10mm	0.06	0.69	0.39	0.74	0.07	0.1	0	0	0.87	0.9
	Bottom 10mm	0	0	0	0	0	0	0	0	0	0
	Top 10mm	0.19	0.07	0.26	0.1	0	0.08	0	0	0.45	0.53
		0	0	0	0	0	0	0	0	0	0
	Front 15mm	0.21	0.34	0.38	0.07	0	0	0	0	0.59	0.59
	Rear 15mm	0.24	0.4	0.52	0.26	0	0	0	0	0.76	0.76

NSA+WIFI		LTEB13_ANT0	N2_ANT2	N66_ANT2	N77_ANT2	WIFI2.4G	WIFI5G	BT	NFC	NSA+WIFI2.4G+NFC	NSA+WIFI5G+BT+NFC
Head	Cheek Left	0.33	0.34	0.43	0.67	0.09	0.11	0.05	0	1.09	1.16
	Tilt Left	0.34	0.15	0.21	0.32	0.07	0.13	0.06	0	0.73	0.85
	Cheek Right	0.39	0.15	0.18	0.09	0.03	0.04	0.03	0	0.6	0.64
	Tilt Right	0.42	0.13	0.18	0.08	0.03	0.04	0.02	0	0.63	0.66
			0	0	0	0	0	0	0	0	0
Body	Front 10mm	0.27	0.4	0.25	0.2	0.09	0.04	0	0	0.76	0.71
	Rear 10mm	0.34	0.47	0.27	0.31	0.07	0.13	0	0	0.88	0.94
	Left 10mm	0.39	0	0	0	0	0	0	0	0.39	0.39
	Right 10mm	0	0.69	0.39	0.74	0.07	0.1	0	0	0.81	0.84
	Bottom 10mm	0	0	0	0	0	0	0	0	0	0
	Top 10mm	0.26	0.07	0.26	0.1	0	0.08	0	0	0.52	0.6
		0	0	0	0	0	0	0	0	0	0
	Front 15mm	0.26	0.34	0.38	0.07	0	0	0	0	0.64	0.64
	Rear 15mm	0.38	0.4	0.52	0.26	0	0	0	0	0.9	0.9

NSA+WIFI		LTEB66 ANT1	N2 ANT2	N5 ANT0	N41 ANT4	N66 ANT2	N71 ANT0	N77 ANT2	WIFI2.4G	WIFI5G	BT	NFC	NSA+WIFI2.4G+NFC	NSA+WIFI5G+BT+NFC
Head	Cheek Left	0.23	0.34	0.39	0.19	0.43	0.26	0.67	0.09	0.11	0.05	0	0.99	1.06
	Tilt Left	0.13	0.15	0.45	0.08	0.21	0.31	0.32	0.07	0.13	0.06	0	0.65	0.77
	Cheek Right	0.16	0.15	0.46	0.56	0.18	0.34	0.09	0.03	0.04	0.03	0	0.75	0.79
	Tilt Right	0.16	0.13	0.48	0.14	0.18	0.42	0.08	0.03	0.04	0.02	0	0.67	0.7
			0	0	0	0	0	0	0	0	0	0	0	0
Body	Front 10mm	0.17	0.4	0.35	0.25	0.25	0.29	0.2	0.09	0.04	0	0	0.66	0.61
	Rear 10mm	0.22	0.47	0.33	0.48	0.27	0.38	0.31	0.07	0.13	0	0	0.77	0.83
	Left 10mm		0	0.31	0.74	0	0.32	0	0	0	0	0	0.74	0.74
	Right 10mm	0	0.69	0.14	0	0.39	0.17	0.74	0.07	0.1	0	0	0.81	0.84
	Bottom 10mm	0.09	0	0	0	0	0	0	0	0	0	0	0.09	0.09
	Top 10mm		0.07	0.59	0.08	0.26	0.36	0.1	0	0.08	0	0	0.59	0.67
			0	0	0	0	0	0	0	0	0	0	0	0
	Front 15mm	0.13	0.34	0.34	0.2	0.38	0.27	0.07	0	0	0	0	0.51	0.51
	Rear 15mm	0.17	0.4	0.22	0.52	0.52	0.33	0.26	0	0	0	0	0.69	0.69

NSA+WIFI		LTEB66 ANT2	N5 ANT0	WIFI2.4G	WIFI5G	BT	NFC	NSA+WIFI2.4G+NFC	NSA+WIFI5G+BT+NFC
Head	Cheek Left	0.35	0.39	0.09	0.11	0.05	0	0.83	0.9
	Tilt Left	0.19	0.45	0.07	0.13	0.06	0	0.71	0.83
	Cheek Right	0.16	0.46	0.03	0.04	0.03	0	0.65	0.69
	Tilt Right	0.16	0.48	0.03	0.04	0.02	0	0.67	0.7
			0	0	0	0	0	0	0
Body	Front 10mm	0.07	0.35	0.09	0.04	0	0	0.51	0.46
	Rear 10mm	0.09	0.33	0.07	0.13	0	0	0.49	0.55
	Left 10mm		0.31	0	0	0	0	0.31	0.31
	Right 10mm	0.12	0.14	0.07	0.1	0	0	0.33	0.36
	Bottom 10mm	0	0	0	0	0	0	0	0
	Top 10mm	0.07	0.59	0	0.08	0	0	0.66	0.74
			0	0	0	0	0	0	0
	Front 15mm	0.07	0.34	0	0	0	0	0.41	0.41
	Rear 15mm	0.08	0.22	0	0	0	0	0.3	0.3

ULCA+WIFI		LTEB2 ANT2	LTEB4 ANT1	LTEB5 ANT0	LTEB13 ANT0	WIFI2.4G	WIFI5G	BT	NFC	ULCA+WIFI2.4G+NFC	ULCA+WIFI5G+BT+NFC
Head	Cheek Left	0.76	0.26	0.34	0.33	0.09	0.11	0.05	0	1.19	1.26
	Tilt Left	0.36	0	0.39	0.34	0.07	0.13	0.06	0	0.82	0.94
	Cheek Right	0.32	0.22	0.38	0.39	0.03	0.04	0.03	0	0.74	0.78
	Tilt Right	0.27	0	0.43	0.42	0.03	0.04	0.02	0	0.73	0.76
				0	0	0	0	0	0	0	0
Body	Front 10mm	0.27	0.32	0.32	0.27	0.09	0.04	0	0	0.68	0.63
	Rear 10mm	0.35	0.59	0.3	0.34	0.07	0.13	0	0	1.01	1.07
	Left 10mm			0.22	0.39	0	0	0	0	0.39	0.39
	Right 10mm	0.58	0.1	0.08	0	0.07	0.1	0	0	0.75	0.78
	Bottom 10mm		0.62	0	0	0	0	0	0	0.62	0.62
	Top 10mm	0.16		0.45	0.26	0	0.08	0	0	0.61	0.69
				0	0	0	0	0	0	0	0
	Front 15mm	0.34	0.35	0.26	0.26	0	0	0	0	0.69	0.69
	Rear 15mm	0.4	0.53	0.26	0.38	0	0	0	0	0.93	0.93

ULCA+WIFI		LTEB2 ANT1	LTEB66 ANT2	WIFI2.4G	WIFI5G	BT	NFC	ULCA+WIFI2.4G+NFC	ULCA+WIFI5G+BT+NFC
Head	Cheek Left	0.12	0.35	0.09	0.11	0.05	0	0.56	0.63
	Tilt Left	0.05	0.19	0.07	0.13	0.06	0	0.31	0.43
	Cheek Right	0.14	0.16	0.03	0.04	0.03	0	0.33	0.37
	Tilt Right	0.1	0.16	0.03	0.04	0.02	0	0.29	0.32
		0	0	0	0	0	0	0	0
Body	Front 10mm	0.06	0.07	0.09	0.04	0	0	0.22	0.17
	Rear 10mm	0.1	0.09	0.07	0.13	0	0	0.26	0.32
	Left 10mm	0	0	0	0	0	0	0	0
	Right 10mm	0	0.12	0.07	0.1	0	0	0.19	0.22
	Bottom 10mm	0.37	0	0	0	0	0	0.37	0.37
	Top 10mm	0	0.07	0	0.08	0	0	0.07	0.15
		0	0	0	0	0	0	0	0
	Front 15mm	0.14	0.07	0	0	0	0	0.21	0.21
	Rear 15mm	0.2	0.08	0	0	0	0	0.28	0.28

ULCA+WIFI		LTEB4 ANT2	LTEB13 ANT0	LTEB12 ANT0	LTEB5 ANT0	WIFI2.4G	WIFI5G	BT	NFC	ULCA+WIFI2.4G+NFC	ULCA+WIFI5G+BT+NFC
Head	Cheek Left	0.68	0.33	0.3	0.34	0.09	0.11	0.05	0	1.11	1.18
	Tilt Left	0.36	0.34	0.32	0.39	0.07	0.13	0.06	0	0.82	0.94
	Cheek Right	0.34	0.39	0.38	0.38	0.03	0.04	0.03	0	0.76	0.8
	Tilt Right	0.31	0.42	0.44	0.43	0.03	0.04	0.02	0	0.78	0.81
		0	0	0	0	0	0	0	0	0	0
Body	Front 10mm	0.32	0.27	0.16	0.32	0.09	0.04	0	0	0.73	0.68
	Rear 10mm	0.39	0.34	0.24	0.3	0.07	0.13	0	0	0.8	0.86
	Left 10mm	0	0.39	0.13	0.22	0	0	0	0	0.39	0.39
	Right 10mm	0.42	0	0.06	0.08	0.07	0.1	0	0	0.57	0.6
	Bottom 10mm	0	0	0	0	0	0	0	0	0	0
	Top 10mm	0.24	0.26	0.19	0.45	0	0.08	0	0	0.69	0.77
		0	0	0	0	0	0	0	0	0	0
	Front 15mm	0.25	0.26	0.21	0.26	0	0	0	0	0.51	0.51
	Rear 15mm	0.32	0.38	0.24	0.26	0	0	0	0	0.7	0.7

ULCA+WIFI		LTEB5 ANT0	LTEB66 ANT2	LTEB48 ANT2	WIFI2.4G	WIFI5G	BT	NFC	ULCA+WIFI2.4G+NFC	ULCA+WIFI5G+BT+NFC
Head	Cheek Left	0.34	0.35	0.12	0.09	0.11	0.05	0	0.78	0.85
	Tilt Left	0.39	0.19	0.07	0.07	0.13	0.06	0	0.65	0.77
	Cheek Right	0.38	0.16	0.02	0.03	0.04	0.03	0	0.57	0.61
	Tilt Right	0.43	0.16	0.02	0.03	0.04	0.02	0	0.62	0.65
		0	0	0	0	0	0	0	0	0
Body	Front 10mm	0.32	0.07	0.01	0.09	0.04	0	0	0.48	0.43
	Rear 10mm	0.3	0.09	0.02	0.07	0.13	0	0	0.46	0.52
	Left 10mm	0.22	0	0	0	0	0	0	0.22	0.22
	Right 10mm	0.08	0.12	0.09	0.07	0.1	0	0	0.27	0.3
	Bottom 10mm	0	0	0	0	0	0	0	0	0
	Top 10mm	0.45	0.07	0	0	0.08	0	0	0.52	0.6
		0	0	0	0	0	0	0	0	0
	Front 15mm	0.26	0.07	0	0	0	0	0	0.33	0.33
	Rear 15mm	0.26	0.08	0.08	0	0	0	0	0.34	0.34

ULCA+WIFI		LTEB12_ANT0	LTEB66_ANT2	WIFI2.4G	WIFI5G	BT	NFC	ULCA+WIFI2.4G+NFC	ULCA+WIFI5G+BT+NFC
Head	Cheek Left	0.3	0.35	0.09	0.11	0.05	0	0.74	0.81
	Tilt Left	0.32	0.19	0.07	0.13	0.06	0	0.58	0.7
	Cheek Right	0.38	0.16	0.03	0.04	0.03	0	0.57	0.61
	Tilt Right	0.44	0.16	0.03	0.04	0.02	0	0.63	0.66
		0	0	0	0	0	0	0	0
Body	Front 10mm	0.16	0.07	0.09	0.04	0	0	0.32	0.27
	Rear 10mm	0.24	0.09	0.07	0.13	0	0	0.4	0.46
	Left 10mm	0.13	0	0	0	0	0	0.13	0.13
	Right 10mm	0.06	0.12	0.07	0.1	0	0	0.25	0.28
	Bottom 10mm	0	0	0	0	0	0	0	0
	Top 10mm	0.19	0.07	0	0.08	0	0	0.26	0.34
		0	0	0	0	0	0	0	0
	Front 15mm	0.21	0.07	0	0	0	0	0.28	0.28
	Rear 15mm	0.24	0.08	0	0	0	0	0.32	0.32

ULCA+WIFI		LTEB13_ANT0	LTEB66_ANT2	WIFI2.4G	WIFI5G	BT	NFC	ULCA+WIFI2.4G+NFC	ULCA+WIFI5G+BT+NFC
Head	Cheek Left	0.33	0.35	0.09	0.11	0.05	0	0.77	0.84
	Tilt Left	0.34	0.19	0.07	0.13	0.06	0	0.6	0.72
	Cheek Right	0.39	0.16	0.03	0.04	0.03	0	0.58	0.62
	Tilt Right	0.42	0.16	0.03	0.04	0.02	0	0.61	0.64
		0	0	0	0	0	0	0	0
Body	Front 10mm	0.27	0.07	0.09	0.04	0	0	0.43	0.38
	Rear 10mm	0.34	0.09	0.07	0.13	0	0	0.5	0.56
	Left 10mm	0.39	0	0	0	0	0	0.39	0.39
	Right 10mm	0	0.12	0.07	0.1	0	0	0.19	0.22
	Bottom 10mm	0	0	0	0	0	0	0	0
	Top 10mm	0.26	0.07	0	0.08	0	0	0.33	0.41
		0	0	0	0	0	0	0	0
	Front 15mm	0.26	0.07	0	0	0	0	0.33	0.33
	Rear 15mm	0.38	0.08	0	0	0	0	0.46	0.46

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

It is determined by user manual for the distance between the EUT and the phantom bottom. The distance is 10 mm and just applied to the condition of body worn accessory.

It is performed for all SAR measurements with area scan based 1-g SAR estimation (Fast SAR). A zoom scan measurement is added when the estimated 1-g SAR is the highest measured SAR in each exposure configuration, wireless mode and frequency band combination or more than 1.2W/kg.

The calculated SAR is obtained by the following formula:

$$\text{Reported SAR} = \text{Measured SAR} \times 10^{(P_{Target}-P_{Measured})/10}$$

Where P_{Target} is the power of manufacturing upper limit;

$P_{Measured}$ is the measured power in chapter 11.

Table 14.1: Duty Cycle

Mode	Duty Cycle
GPRS&EGPRS for GSM 850	1:4
GPRS&EGPRS for GSM 1900	1:2
WCDMA&LTE FDD&NR FDD	1:1
LTE TDD	1:1.58 or 1:2.31
NR TDD	1:1

n41 PC2（Head）				
Maxpower	Duty cycle	TX power	Calculation -10*log(Duty cycle	Time Average Power (dBm)
26	1%-10%	29.5	-10	19.5
26	11%-20%	26.5	-7	19.5
26	21%-30%	24.5	-5.2	19.3
26	31%-40%	23.5	-4	19.5
26	41%-50%	22.5	-3	19.5
26	51%-60%	21.5	-2.2	19.3
26	61%-70%	21	-1.5	19.5
26	71%-80%	20.5	-1	19.5
26	81%-90%	20	-0.5	19.5
26	91%-100%	20	0	20

n41 PC2（Body 10mm）				
Maxpower	Duty cycle	TX power	Calculation -10*log(Duty cycle	Time Average Power (dBm)
26	1%-10%	27.5	-10	17.5
26	11%-20%	24.5	-7	17.5
26	21%-30%	22.5	-5.2	17.3
26	31%-40%	21.5	-4	17.5
26	41%-50%	20.5	-3	17.5
26	51%-60%	19.5	-2.2	17.3
26	61%-70%	19	-1.5	17.5
26	71%-80%	18.5	-1	17.5
26	81%-90%	18	-0.5	17.5
26	91%-100%	18	0	18

n41 PC2（Body 15mm/0mm）				
Maxpower	Duty cycle	TX power	Calculation -10*log(Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	26	-7	19
26	21%-30%	24	-5.2	18.8
26	31%-40%	23	-4	19
26	41%-50%	22	-3	19
26	51%-60%	21	-2.2	18.8
26	61%-70%	20.5	-1.5	19
26	71%-80%	20	-1	19
26	81%-90%	19.5	-0.5	19
26	91%-100%	19.5	0	19.5

n77 PC2-SA（Head）				
Maxpower	Duty cycle	TX power	Calculation -10*log(Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	23.5	-7	16.5
26	21%-30%	21.5	-5.2	16.3
26	31%-40%	20.5	-4	16.5
26	41%-50%	19.5	-3	16.5
26	51%-60%	18.5	-2.2	16.3
26	61%-70%	18	-1.5	16.5
26	71%-80%	17.5	-1	16.5
26	81%-90%	17	-0.5	16.5
26	91%-100%	17	0	17

n77 PC2-SA（Body 15mm/0mm）				
Maxpower	Duty cycle	TX power	Calculation -10*log(Duty cycle	Time Average Power (dBm)
26	1%-10%	27.5	-10	17.5
26	11%-20%	24.5	-7	17.5
26	21%-30%	22.5	-5.2	17.3
26	31%-40%	21.5	-4	17.5
26	41%-50%	20.5	-3	17.5
26	51%-60%	19.5	-2.2	17.3
26	61%-70%	19	-1.5	17.5
26	71%-80%	18.5	-1	17.5
26	81%-90%	18	-0.5	17.5
26	91%-100%	18	0	18

n77 PC2-SA（Body 10mm）				
Maxpower	Duty cycle	TX power	Calculation -10*log(Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	26	-7	19
26	21%-30%	24	-5.2	18.8
26	31%-40%	23	-4	19
26	41%-50%	22	-3	19
26	51%-60%	21	-2.2	18.8
26	61%-70%	20.5	-1.5	19
26	71%-80%	20	-1	19
26	81%-90%	19.5	-0.5	19
26	91%-100%	19.5	0	19.5

n77 PC2-NSA（Head）				
Maxpower	Duty cycle	TX power	Calculation -10*log(Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	23.5	-7	16.5
26	21%-30%	21.5	-5.2	16.3
26	31%-40%	20.5	-4	16.5
26	41%-50%	19.5	-3	16.5
26	51%-60%	18.5	-2.2	16.3
26	61%-70%	18	-1.5	16.5
26	71%-80%	17.5	-1	16.5
26	81%-90%	17	-0.5	16.5
26	91%-100%	17	0	17

n77 PC2-NSA（Body 15mm/0mm）				
Maxpower	Duty cycle	TX power	Calculation -10*log(Duty cycle	Time Average Power (dBm)
26	1%-10%	27.5	-10	17.5
26	11%-20%	24.5	-7	17.5
26	21%-30%	22.5	-5.2	17.3
26	31%-40%	21.5	-4	17.5
26	41%-50%	20.5	-3	17.5
26	51%-60%	19.5	-2.2	17.3
26	61%-70%	19	-1.5	17.5
26	71%-80%	18.5	-1	17.5
26	81%-90%	18	-0.5	17.5
26	91%-100%	18	0	18

n77 PC2-NSA（Body 10mm）				
Maxpower	Duty cycle	TX power	Calculation -10*log(Duty cycle	Time Average Power (dBm)
26	1%-10%	26	-10	16
26	11%-20%	24	-7	17
26	21%-30%	22.2	-5.2	17
26	31%-40%	21	-4	17
26	41%-50%	20	-3	17
26	51%-60%	19.2	-2.2	17
26	61%-70%	18.5	-1.5	17
26	71%-80%	18	-1	17
26	81%-90%	17.5	-0.5	17
26	91%-100%	17.5	0	17.5

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

B2=Battery2(TLp049F7-Veken)

ANT	RF Exposure Conditions		Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	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	GSM850	190	836.6	GPRS(3TX)	Cheek Left	0mm	\	29.47	30.50	0.690	**0.87**	0.621	**0.79**	0.08
0	Head	GSM850	190	836.6	GPRS(3TX)	Tilt Left	0mm	\	29.47	30.50	0.803	**1.02**	0.638	**0.81**	0.01
0	Head	GSM850	190	836.6	GPRS(3TX)	Cheek Right	0mm	\	29.47	30.50	0.794	**1.01**	0.551	**0.70**	0.03
0	Head	GSM850	251	848.8	GPRS(3TX)	Tilt Right	0mm	\	30.08	30.50	0.851	**0.94**	0.634	**0.70**	-0.08
0	Head	GSM850	190	836.6	GPRS(3TX)	Tilt Right	0mm	F.1	29.47	30.50	0.886	**1.12**	0.646	**0.82**	-0.11
0	Head	GSM850	128	824.2	GPRS(3TX)	Tilt Right	0mm	\	29.59	30.50	0.807	**1.00**	0.601	**0.74**	-0.08
0	Head	GSM850	190	836.6	GPRS(3TX)	Tilt Right	0mm	esim	29.47	30.50	0.837	**1.06**	0.615	**0.78**	0.03
0	Body	GSM850	190	836.6	GPRS(3TX)	Front	10mm	\	29.47	30.50	0.238	**0.30**	0.180	**0.23**	0.1
0	Body	GSM850	190	836.6	GPRS(3TX)	Rear	10mm	\	29.47	30.50	0.231	**0.29**	0.170	**0.22**	-0.18
0	Body	GSM850	190	836.6	GPRS(3TX)	Left	10mm	\	29.47	30.50	0.248	**0.31**	0.171	**0.22**	0.1
0	Body	GSM850	190	836.6	GPRS(3TX)	Right	10mm	\	29.47	30.50	0.082	**0.10**	0.057	**0.07**	0.12
0	Body	GSM850	251	848.8	GPRS(3TX)	Top	10mm	\	30.08	30.50	0.294	**0.32**	0.157	**0.17**	0.08
0	Body	GSM850	190	836.6	GPRS(3TX)	Top	10mm	\	29.47	30.50	0.311	**0.39**	0.166	**0.21**	-0.17
0	Body	GSM850	128	824.2	GPRS(3TX)	Top	10mm	F.2	29.59	30.50	0.401	**0.49**	0.212	**0.26**	-0.19
0	Body	GSM850	128	824.2	EGPRS(3TX)	Top	10mm	\	29.50	30.50	0.368	**0.46**	0.187	**0.24**	-0.03
0	Body	GSM850	251	848.8	GPRS(3TX)	Front	15mm	F.3	30.08	30.50	0.286	**0.32**	0.218	**0.24**	-0.09
0	Body	GSM850	190	836.6	GPRS(3TX)	Front	15mm	\	29.47	30.50	0.214	**0.27**	0.164	**0.21**	0.14
0	Body	GSM850	128	824.2	GPRS(3TX)	Front	15mm	\	29.50	30.50	0.205	**0.26**	0.159	**0.20**	0.11
0	Body	GSM850	190	836.6	GPRS(3TX)	Rear	15mm	\	29.47	30.50	0.194	**0.25**	0.150	**0.19**	-0.05
2	Head	GSM1900	810	1909.8	GPRS(4TX)	Cheek Left	0mm	\	24.32	25.00	0.486	**0.57**	0.262	**0.31**	0.18
2	Head	GSM1900	661	1880	GPRS(4TX)	Cheek Left	0mm	\	24.35	25.00	0.571	**0.66**	0.303	**0.35**	0.14
2	Head	GSM1900	512	1850.2	GPRS(4TX)	Cheek Left	0mm	F.4	24.34	25.00	0.746	**0.87**	0.412	**0.48**	0.09
2	Head	GSM1900	661	1880	GPRS(4TX)	Tilt Left	0mm	\	24.35	25.00	0.266	**0.31**	0.153	**0.18**	-0.17
2	Head	GSM1900	661	1880	GPRS(4TX)	Cheek Right	0mm	\	24.35	25.00	0.234	**0.27**	0.150	**0.17**	0.17
2	Head	GSM1900	661	1880	GPRS(4TX)	Tilt Right	0mm	\	24.35	25.00	0.208	**0.24**	0.121	**0.14**	-0.05
2															
2	Body	GSM1900	661	1880	GPRS(4TX)	Front	10mm	\	25.61	27.00	0.324	**0.45**	0.196	**0.27**	0.01
2	Body	GSM1900	661	1880	GPRS(4TX)	Rear	10mm	\	25.61	27.00	0.424	**0.58**	0.233	**0.32**	0.1
2	Body	GSM1900	810	1909.8	GPRS(4TX)	Right	10mm	\	25.46	27.00	0.398	**0.57**	0.213	**0.30**	-0.17
2	Body	GSM1900	661	1880	GPRS(4TX)	Right	10mm	\	25.61	27.00	0.480	**0.66**	0.251	**0.35**	0.04
2	Body	GSM1900	512	1850.2	GPRS(4TX)	Right	10mm	F.5	25.67	27.00	0.544	**0.74**	0.289	**0.39**	0.16
2	Body	GSM1900	661	1880	GPRS(4TX)	Top	10mm	\	25.61	27.00	0.162	**0.22**	0.096	**0.13**	-0.01
2	Body	GSM1900	512	1850.2	EGPRS(4TX)	Right	10mm	\	25.72	27.00	0.524	**0.70**	0.279	**0.37**	-0.08
2															
2	Body	GSM1900	661	1880	GPRS(4TX)	Front	15mm	\	25.61	27.00	0.110	**0.15**	0.066	**0.09**	0.05
2	Body	GSM1900	810	1909.8	GPRS(4TX)	Rear	15mm	\	25.46	27.00	0.130	**0.19**	0.068	**0.10**	0.06
2	Body	GSM1900	661	1880	GPRS(4TX)	Rear	15mm	\	25.61	27.00	0.151	**0.21**	0.082	**0.11**	-0.09
2	Body	GSM1900	512	1850.2	GPRS(4TX)	Rear	15mm	F.6	25.67	27.00	0.193	**0.26**	0.110	**0.15**	0.07
0	Head	WCDMA 850	4183	836.6	RMC	Cheek Left	0mm	\	22.63	23.00	0.386	**0.42**	0.257	**0.28**	-0.08
0	Head	WCDMA 850	4183	836.6	RMC	Tilt Left	0mm	\	22.63	23.00	0.478	**0.52**	0.275	**0.30**	0.13
0	Head	WCDMA 850	4183	836.6	RMC	Cheek Right	0mm	\	22.63	23.00	0.459	**0.50**	0.240	**0.26**	0.12
0	Head	WCDMA 850	4233	846.6	RMC	Tilt Right	0mm	\	22.65	23.00	0.493	**0.53**	0.267	**0.29**	0.03
0	Head	WCDMA 850	4183	836.6	RMC	Tilt Right	0mm	F.7	22.63	23.00	0.527	**0.57**	0.283	**0.31**	-0.17
0	Head	WCDMA 850	4132	826.4	RMC	Tilt Right	0mm	\	22.71	23.00	0.507	**0.54**	0.276	**0.30**	0.18
0															
0	Body	WCDMA 850	4183	836.6	RMC	Front	10mm	\	23.74	24.00	0.227	**0.24**	0.132	**0.14**	0.16
0	Body	WCDMA 850	4183	836.6	RMC	Rear	10mm	\	23.74	24.00	0.220	**0.23**	0.125	**0.13**	-0.10
0	Body	WCDMA 850	4183	836.6	RMC	Left	10mm	\	23.74	24.00	0.166	**0.18**	0.104	**0.11**	0.07
0	Body	WCDMA 850	4183	836.6	RMC	Right	10mm	\	23.74	24.00	0.066	**0.07**	0.043	**0.05**	0.18
0	Body	WCDMA 850	4233	846.6	RMC	Top	10mm	\	23.55	24.00	0.273	**0.30**	0.132	**0.15**	-0.10
0	Body	WCDMA 850	4183	836.6	RMC	Top	10mm	\	23.74	24.00	0.302	**0.32**	0.147	**0.16**	0.01
0	Body	WCDMA 850	4132	826.4	RMC	Top	10mm	F.8	23.62	24.00	0.350	**0.38**	0.180	**0.20**	0.01
0															
0	Body	WCDMA 850	4183	836.6	RMC	Front	15mm	\	23.74	24.00	0.174	**0.18**	0.132	**0.14**	-0.15
0	Body	WCDMA 850	4233	846.6	RMC	Rear	15mm	\	23.55	24.00	0.146	**0.16**	0.111	**0.12**	0.19
0	Body	WCDMA 850	4183	836.6	RMC	Rear	15mm	\	23.74	24.00	0.173	**0.18**	0.130	**0.14**	0.07
0	Body	WCDMA 850	4132	826.4	RMC	Rear	15mm	F.9	23.62	24.00	0.192	**0.21**	0.145	**0.16**	0.14
2	Head	WCDMA 1700	1513	1752.6	RMC	Cheek Left	0mm	F.10	20.35	21.00	0.624	**0.72**	0.336	**0.39**	-0.08
2	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Left	0mm	\	20.44	21.00	0.617	**0.70**	0.333	**0.38**	-0.18
2	Head	WCDMA 1700	1312	1712.4	RMC	Cheek Left	0mm	\	20.47	21.00	0.596	**0.67**	0.322	**0.36**	0.03
2	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Left	0mm	\	20.44	21.00	0.510	**0.58**	0.298	**0.34**	-0.15
2	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Right	0mm	\	20.44	21.00	0.483	**0.55**	0.306	**0.35**	-0.15
2	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Right	0mm	\	20.44	21.00	0.449	**0.51**	0.267	**0.30**	0.11
2															
2	Body	WCDMA 1700	1412	1732.4	RMC	Front	10mm	\	23.51	24.00	0.407	**0.46**	0.238	**0.27**	-0.08
2	Body	WCDMA 1700	1412	1732.4	RMC	Rear	10mm	\	23.51	24.00	0.496	**0.56**	0.286	**0.32**	-0.17
2	Body	WCDMA 1700	1513	1752.6	RMC	Right	10mm	F.11	23.47	24.00	0.545	**0.62**	0.291	**0.33**	-0.04
2	Body	WCDMA 1700	1412	1732.4	RMC	Right	10mm	\	23.51	24.00	0.512	**0.57**	0.243	**0.27**	-0.08
2	Body	WCDMA 1700	1312	1712.4	RMC	Right	10mm	\	23.54	24.00	0.531	**0.59**	0.257	**0.29**	-0.04
2	Body	WCDMA 1700	1312	1712.4	RMC	Top	10mm	\	23.54	24.00	0.254	**0.28**	0.135	**0.15**	-0.08
2															
2	Body	WCDMA 1700	1412	1732.4	RMC	Front	15mm	\	23.51	24.00	0.261	**0.29**	0.165	**0.18**	0.17
2	Body	WCDMA 1700	1513	1752.6	RMC	Rear	15mm	\	23.47	24.00	0.316	**0.36**	0.196	**0.22**	0.18
2	Body	WCDMA 1700	1412	1732.4	RMC	Rear	15mm	\	23.51	24.00	0.330	**0.37**	0.206	**0.23**	-0.04
2	Body	WCDMA 1700	1312	1712.4	RMC	Rear	15mm	F.12	23.54	24.00	0.374	**0.42**	0.224	**0.25**	-0.16
2															
2	Head	WCDMA 1900	9538	1907.6	RMC	Cheek Left	0mm	\	18.51	19.00	0.539	**0.60**	0.283	**0.32**	-0.08
2	Head	WCDMA 1900	9400	1880	RMC	Cheek Left	0mm	F.13	18.36	19.00	0.570	**0.66**	0.291	**0.34**	0.10
2	Head	WCDMA 1900	9262	1852.4	RMC	Cheek Left	0mm	\	18.47	19.00	0.549	**0.62**	0.286	**0.32**	-0.13
2	Head	WCDMA 1900	9400	1880	RMC	Tilt Left	0mm	\	18.36	19.00	0.282	**0.33**	0.151	**0.17**	-0.13
2	Head	WCDMA 1900	9400	1880	RMC	Cheek Right	0mm	\	18.36	19.00	0.255	**0.30**	0.154	**0.18**	0.06
2	Head	WCDMA 1900	9400	1880	RMC	Tilt Right	0mm	\	18.36	19.00	0.216	**0.25**	0.118	**0.14**	-0.03
2															
2	Body	WCDMA 1900	9400	1880	RMC	Front	10mm	\	22.40	23.00	0.348	**0.40**	0.211	**0.24**	-0.03
2	Body	WCDMA 1900	9400	1880	RMC	Rear	10mm	\	22.40	23.00	0.431	**0.49**	0.238	**0.27**	0.08
2	Body	WCDMA 1900	9538	1907.6	RMC	Right	10mm	\	22.43	23.00	0.590	**0.67**	0.314	**0.36**	-0.07
2	Body	WCDMA 1900	9400	1880	RMC	Right	10mm	F.14	22.40	23.00	0.666	**0.76**	0.354	**0.41**	-0.04
2	Body	WCDMA 1900	9262	1852.4	RMC	Right	10mm	\	22.51	23.00	0.339	**0.38**	0.216	**0.24**	0.05
2	Body	WCDMA 1900	9400	1880	RMC	Top	10mm	\	22.40	23.00	0.133	**0.15**	0.080	**0.09**	-0.11
2															
2	Body	WCDMA 1900	9400	1880	RMC	Front	15mm	\	23.41	24.00	0.289	**0.33**	0.176	**0.20**	-0.12
2	Body	WCDMA 1900	9538	1907.6	RMC	Rear	15mm	\	23.52	24.00	0.292	**0.33**	0.163	**0.18**	0.03
2	Body	WCDMA 1900	9400	1880	RMC	Rear	15mm	F.15	23.41	24.00	0.338	**0.39**	0.190	**0.22**	0.18
2	Body	WCDMA 1900	9262	1852.4	RMC	Rear	15mm	\	23.54	24.00	0.322	**0.36**	0.181	**0.20**	-0.16

2	Head	LTE Band2	18900	1880	1RB-Mid	Cheek Left	0mm	F.16	19.22	20.00	0.634	**0.76**	0.328	**0.39**	0.05
2	Head	LTE Band2	18900	1880	1RB-Mid	Tilt Left	0mm	\	19.22	20.00	0.295	**0.35**	0.162	**0.19**	-0.02
2	Head	LTE Band2	18900	1880	1RB-Mid	Cheek Right	0mm	\	19.22	20.00	0.265	**0.32**	0.165	**0.20**	0.15
2	Head	LTE Band2	18900	1880	1RB-Mid	Tilt Right	0mm	\	19.22	20.00	0.222	**0.27**	0.126	**0.15**	-0.09
2	Head	LTE Band2	18900	1880	50RB-Low	Cheek Left	0mm	\	19.18	20.00	0.613	**0.74**	0.319	**0.39**	0.11
2	Head	LTE Band2	18900	1880	50RB-Low	Tilt Left	0mm	\	19.18	20.00	0.295	**0.36**	0.163	**0.20**	-0.05
2	Head	LTE Band2	18900	1880	50RB-Low	Cheek Right	0mm	\	19.18	20.00	0.267	**0.32**	0.165	**0.20**	-0.08
2	Head	LTE Band2	18900	1880	50RB-Low	Tilt Right	0mm	\	19.18	20.00	0.221	**0.27**	0.126	**0.15**	0.16
2															
2	Body	LTE Band2	18900	1880	1RB-Mid	Front	10mm	\	22.02	22.50	0.239	**0.27**	0.145	**0.16**	0.05
2	Body	LTE Band2	18900	1880	1RB-Mid	Rear	10mm	\	22.02	22.50	0.301	**0.34**	0.168	**0.19**	0.05
2	Body	LTE Band2	18900	1880	1RB-Mid	Right	10mm	\	22.02	22.50	0.489	**0.55**	0.247	**0.28**	-0.03
2	Body	LTE Band2	18900	1880	1RB-Mid	Top	10mm	\	22.02	22.50	0.108	**0.12**	0.064	**0.07**	-0.15
2	Body	LTE Band2	18900	1880	50RB-High	Front	10mm	\	21.92	22.50	0.237	**0.27**	0.146	**0.17**	0.02
2	Body	LTE Band2	18900	1880	50RB-High	Rear	10mm	\	21.92	22.50	0.303	**0.35**	0.168	**0.19**	0.07
2	Body	LTE Band2	18900	1880	50RB-High	Right	10mm	F.17	21.92	22.50	0.507	**0.58**	0.264	**0.30**	-0.02
2	Body	LTE Band2	18900	1880	50RB-High	Top	10mm	\	21.92	22.50	0.143	**0.16**	0.086	**0.10**	0.16
2															
2	Body	LTE Band2	18900	1880	1RB-Mid	Front	15mm	\	22.96	23.50	0.297	**0.34**	0.185	**0.21**	0.13
2	Body	LTE Band2	18900	1880	1RB-Mid	Rear	15mm	\	22.96	23.50	0.349	**0.40**	0.202	**0.23**	-0.18
2	Body	LTE Band2	18900	1880	50RB-Mid	Front	15mm	\	22.94	23.50	0.294	**0.33**	0.184	**0.21**	0.02
2	Body	LTE Band2	18900	1880	50RB-Mid	Rear	15mm	F.18	22.94	23.50	0.352	**0.40**	0.218	**0.25**	-0.11
2															
2	Head	LTE Band4	20300	1745	1RB-Mid	Cheek Left	0mm	F.19	20.50	21.00	0.604	**0.68**	0.322	**0.36**	0.08
2	Head	LTE Band4	20300	1745	1RB-Mid	Tilt Left	0mm	\	20.50	21.00	0.317	**0.36**	0.179	**0.20**	0.16
2	Head	LTE Band4	20300	1745	1RB-Mid	Cheek Right	0mm	\	20.50	21.00	0.303	**0.34**	0.191	**0.21**	-0.03
2	Head	LTE Band4	20300	1745	1RB-Mid	Tilt Right	0mm	\	20.50	21.00	0.278	**0.31**	0.163	**0.18**	0.07
2	Head	LTE Band4	20300	1745	50RB-High	Cheek Left	0mm	\	20.51	21.00	0.595	**0.67**	0.321	**0.36**	0.00
2	Head	LTE Band4	20300	1745	50RB-High	Tilt Left	0mm	\	20.51	21.00	0.316	**0.35**	0.179	**0.20**	0.01
2	Head	LTE Band4	20300	1745	50RB-High	Cheek Right	0mm	\	20.51	21.00	0.300	**0.34**	0.189	**0.21**	-0.01
2	Head	LTE Band4	20300	1745	50RB-High	Tilt Right	0mm	\	20.51	21.00	0.269	**0.30**	0.158	**0.18**	-0.06
2															
2	Body	LTE Band4	20050	1720	1RB-Low	Front	10mm	\	22.01	23.00	0.255	**0.32**	0.158	**0.20**	-0.04
2	Body	LTE Band4	20050	1720	1RB-Low	Rear	10mm	\	22.01	23.00	0.312	**0.39**	0.170	**0.21**	-0.09
2	Body	LTE Band4	20050	1720	1RB-Low	Right	10mm	\	22.01	23.00	0.323	**0.41**	0.171	**0.21**	-0.17
2	Body	LTE Band4	20050	1720	1RB-Low	Top	10mm	\	22.01	23.00	0.189	**0.24**	0.109	**0.14**	-0.10
2	Body	LTE Band4	20050	1720	50RB-Mid	Front	10mm	\	22.04	23.00	0.256	**0.32**	0.159	**0.20**	0.18
2	Body	LTE Band4	20050	1720	50RB-Mid	Rear	10mm	\	22.04	23.00	0.311	**0.39**	0.179	**0.22**	-0.17
2	Body	LTE Band4	20050	1720	50RB-Mid	Right	10mm	F.20	22.04	23.00	0.340	**0.42**	0.186	**0.23**	-0.07
2	Body	LTE Band4	20050	1720	50RB-Mid	Top	10mm	\	22.04	23.00	0.152	**0.19**	0.088	**0.11**	-0.04
2															
2	Body	LTE Band4	20050	1720	1RB-Low	Front	15mm	\	23.08	23.50	0.226	**0.25**	0.141	**0.16**	-0.05
2	Body	LTE Band4	20050	1720	1RB-Low	Rear	15mm	F.21	23.08	23.50	0.286	**0.32**	0.178	**0.20**	-0.01
2	Body	LTE Band4	20050	1720	50RB-Mid	Front	15mm	\	23.07	23.50	0.215	**0.24**	0.140	**0.15**	0.00
2	Body	LTE Band4	20050	1720	50RB-Mid	Rear	15mm	\	23.07	23.50	0.283	**0.31**	0.176	**0.19**	-0.13
0	Head	LTE Band5	20600	844	1RB-Mid	Cheek Left	0mm	\	23.12	23.50	0.430	**0.47**	0.287	**0.31**	-0.01
0	Head	LTE Band5	20600	844	1RB-Mid	Tilt Left	0mm	\	23.12	23.50	0.473	**0.52**	0.294	**0.32**	-0.09
0	Head	LTE Band5	20600	844	1RB-Mid	Cheek Right	0mm	\	23.12	23.50	0.484	**0.53**	0.302	**0.33**	0.05
0	Head	LTE Band5	80525	836.5	1RB-Mid	Tilt Right	0mm	\	23.06	23.50	0.558	**0.62**	0.297	**0.33**	0.02
0	Head	LTE Band5	20600	844	1RB-Mid	Tilt Right	0mm	\	23.12	23.50	0.538	**0.59**	0.299	**0.33**	-0.13
0	Head	LTE Band5	20450	829	1RB-Mid	Tilt Right	0mm	F.22	23.02	23.50	0.560	**0.63**	0.305	**0.34**	0.03
0	Head	LTE Band5	20600	844	25RB-Low	Cheek Left	0mm	\	23.11	23.50	0.353	**0.39**	0.235	**0.26**	0.17
0	Head	LTE Band5	20600	844	25RB-Low	Tilt Left	0mm	\	23.11	23.50	0.405	**0.44**	0.239	**0.26**	0.06
0	Head	LTE Band5	20600	844	25RB-Low	Cheek Right	0mm	\	23.11	23.50	0.397	**0.43**	0.249	**0.27**	0.00
0	Head	LTE Band5	20600	844	25RB-Low	Tilt Right	0mm	\	23.11	23.50	0.439	**0.48**	0.243	**0.27**	-0.04
0	Head	ENDC-LTE Band5	20600	844	1RB-Mid	Cheek Left	0mm	\	21.30	21.50	0.324	**0.34**	0.210	**0.22**	-0.15
0	Head	ENDC-LTE Band5	20600	844	1RB-Mid	Tilt Left	0mm	\	21.30	21.50	0.365	**0.38**	0.212	**0.22**	0.11
0	Head	ENDC-LTE Band5	20600	844	1RB-Mid	Cheek Right	0mm	\	21.30	21.50	0.355	**0.37**	0.210	**0.22**	-0.02
0	Head	ENDC-LTE Band5	20600	844	1RB-Mid	Tilt Right	0mm	\	21.30	21.50	0.396	**0.41**	0.213	**0.22**	0.10
0	Head	ENDC-LTE Band5	20600	844	25RB-Low	Cheek Left	0mm	\	21.27	21.50	0.327	**0.34**	0.213	**0.22**	0.04
0	Head	ENDC-LTE Band5	20600	844	25RB-Low	Tilt Left	0mm	\	21.27	21.50	0.373	**0.39**	0.215	**0.23**	0.13
0	Head	ENDC-LTE Band5	20600	844	25RB-Low	Cheek Right	0mm	\	21.27	21.50	0.361	**0.38**	0.214	**0.23**	-0.18
0	Head	ENDC-LTE Band5	20600	844	25RB-Low	Tilt Right	0mm	\	21.27	21.50	0.404	**0.43**	0.217	**0.23**	0.04
0															
0	Body	LTE Band5	20600	844	1RB-Mid	Front	10mm	\	24.26	24.50	0.302	**0.32**	0.170	**0.18**	-0.11
0	Body	LTE Band5	20600	844	1RB-Mid	Rear	10mm	\	24.26	24.50	0.287	**0.30**	0.162	**0.17**	-0.16
0	Body	LTE Band5	20600	844	1RB-Mid	Left	10mm	\	24.26	24.50	0.205	**0.22**	0.129	**0.14**	-0.15
0	Body	LTE Band5	20600	844	1RB-Mid	Right	10mm	\	24.26	24.50	0.080	**0.08**	0.050	**0.05**	-0.06
0	Body	LTE Band5	20600	844	1RB-Mid	Top	10mm	\	24.26	24.50	0.351	**0.37**	0.169	**0.18**	-0.14
0	Body	LTE Band5	20600	844	25RB-Low	Front	10mm	\	23.41	24.50	0.240	**0.31**	0.135	**0.17**	-0.19
0	Body	LTE Band5	20600	844	25RB-Low	Rear	10mm	\	23.41	24.50	0.225	**0.29**	0.128	**0.16**	0.01
0	Body	LTE Band5	20600	844	25RB-Low	Left	10mm	\	23.41	24.50	0.158	**0.20**	0.099	**0.13**	0.06
0	Body	LTE Band5	20600	844	25RB-Low	Right	10mm	\	23.41	24.50	0.066	**0.08**	0.042	**0.05**	0.02
0	Body	LTE Band5	20600	844	25RB-Low	Top	10mm	F.23	23.41	24.50	0.354	**0.45**	0.184	**0.24**	-0.06
0															
0	Body	LTE Band5	20600	844	1RB-Mid	Front	15mm	F.24	24.26	24.50	0.248	**0.26**	0.188	**0.20**	-0.13
0	Body	LTE Band5	20600	844	1RB-Mid	Rear	15mm	\	24.26	24.50	0.235	**0.25**	0.186	**0.20**	0.12
0	Body	LTE Band5	20600	844	25RB-Low	Front	15mm	\	23.41	23.50	0.196	**0.20**	0.156	**0.16**	-0.16
0	Body	LTE Band5	20600	844	25RB-Low	Rear	15mm	\	23.41	23.50	0.201	**0.21**	0.152	**0.16**	-0.12
4	Head	LTE Band7	20850	2510	1RB-Mid	Cheek Left	0mm	\	18.11	19.00	0.168	**0.21**	0.085	**0.10**	0.07
4	Head	LTE Band7	20850	2510	1RB-Mid	Tilt Left	0mm	\	18.11	19.00	0.091	**0.11**	0.046	**0.06**	-0.02
4	Head	LTE Band7	20850	2510	1RB-Mid	Cheek Right	0mm	\	18.11	19.00	0.588	**0.72**	0.261	**0.32**	-0.05
4	Head	LTE Band7	20850	2510	1RB-Mid	Tilt Right	0mm	\	18.11	19.00	0.172	**0.21**	0.083	**0.10**	-0.13
4	Head	LTE Band7	20850	2510	50RB-High	Cheek Left	0mm	\	17.97	19.00	0.174	**0.22**	0.087	**0.11**	0.08
4	Head	LTE Band7	20850	2510	50RB-High	Tilt Left	0mm	\	17.97	19.00	0.093	**0.12**	0.048	**0.06**	0.16
4	Head	LTE Band7	21100	2535	50RB-High	Cheek Right	0mm	F.25	17.61	19.00	0.688	**0.95**	0.291	**0.40**	0.10
4	Head	LTE Band7	20850	2510	50RB-High	Cheek Right	0mm	\	17.97	19.00	0.607	**0.77**	0.266	**0.34**	0.01
4	Head	LTE Band7	21350	2560	50RB-High	Cheek Right	0mm	\	17.96	19.00	0.669	**0.85**	0.281	**0.36**	-0.16
4	Head	LTE Band7	20850	2510	50RB-High	Tilt Right	0mm	\	17.97	19.00	0.176	**0.22**	0.085	**0.11**	0.10
4	Head	LTE Band7	21100	2535	100RB	Cheek Right	0mm		17.61	19.00	0.633	**0.87**	0.274	**0.38**	0.15
4															
4	Body	LTE Band7	20850	2510	1RB-Mid	Front	10mm	\	18.11	19.00	0.170	**0.21**	0.082	**0.10**	-0.04
4	Body	LTE Band7	20850	2510	1RB-Mid	Rear	10mm	\	18.11	19.00	0.328	**0.40**	0.146	**0.18**	-0.01
4	Body	LTE Band7	20850	2510	1RB-Mid	Left	10mm	\	18.11	19.00	0.343	**0.42**	0.153	**0.19**	0.00
4	Body	LTE Band7	20850	2510	1RB-Mid	Top	10mm	\	18.11	19.00	<0.01	**<0.01**	<0.01	<0.01	\
4	Body	LTE Band7	20850	2510	50RB-High	Front	10mm	\	17.97	19.00	0.174	**0.22**	0.084	**0.11**	-0.11
4	Body	LTE Band7	20850	2510	50RB-High	Rear	10mm	F.26	17.97	19.00	0.519	**0.66**	0.232	**0.29**	0.08
4	Body	LTE Band7	20850	2510	50RB-High	Left	10mm	\	17.97	19.00	0.337	**0.43**	0.150	**0.19**	-0.06
4	Body	LTE Band7	20850	2510	50RB-High	Top	10mm	\	17.97	19.00	0.040	**0.05**	0.020	**0.03**	-0.15
4															
4	Body	LTE Band7	20850	2510	1RB-Mid	Front	15mm	\	18.94	19.50	0.115	**0.13**	0.035	**0.04**	0.03
4	Body	LTE Band7	20850	2510	1RB-Mid	Rear	15mm	\	18.94	19.50	0.228	**0.26**	0.066	**0.08**	-0.13
4	Body	LTE Band7	20850	2510	50RB-Mid	Front	15mm	\	18.77	19.50	0.120	**0.14**	0.036	**0.04**	0.16
4	Body	LTE Band7	20850	2510	50RB-Mid	Rear	15mm	F.27	18.77	19.50	0.237	**0.28**	0.115	**0.14**	0.18

0	Head	LTE Band12	23060	704	1RB-Low	Cheek Left	0mm	\	23.20	24.00	0.309	**0.37**	0.224	**0.27**	-0.15
0	Head	LTE Band12	23095	704	1RB-Low	Tilt Left	0mm	\	23.20	24.00	0.350	**0.42**	0.226	**0.27**	-0.02
0	Head	LTE Band12	23095	704	1RB-Low	Cheek Right	0mm	\	23.20	24.00	0.402	**0.48**	0.264	**0.32**	-0.09
0	Head	LTE Band12	23095	707.5	1RB-Low	Tilt Right	0mm	\	23.18	24.00	0.517	**0.62**	0.295	**0.36**	0.14
0	Head	LTE Band12	23060	704	1RB-Low	Tilt Right	0mm	\	23.20	24.00	0.478	**0.57**	0.271	**0.33**	0.10
0	Head	LTE Band12	23130	711	1RB-Low	Tilt Right	0mm	F.28	23.19	24.00	0.538	**0.65**	0.305	**0.37**	0.02
0	Head	LTE Band12	23060	704	25RB-Mid	Cheek Left	0mm	\	23.27	24.00	0.275	**0.33**	0.199	**0.24**	-0.09
0	Head	LTE Band12	23060	704	25RB-Mid	Tilt Left	0mm	\	23.27	24.00	0.307	**0.36**	0.198	**0.23**	0.07
0	Head	LTE Band12	23060	704	25RB-Mid	Cheek Right	0mm	\	23.27	24.00	0.353	**0.42**	0.232	**0.27**	-0.09
0	Head	LTE Band12	23060	704	25RB-Mid	Tilt Right	0mm	\	23.27	24.00	0.411	**0.49**	0.235	**0.28**	-0.16
0	Head	ENDC-LTE Band12	23060	704	1RB-Low	Cheek Left	0mm	\	21.30	22.00	0.240	**0.28**	0.159	**0.19**	-0.18
0	Head	ENDC-LTE Band12	23095	704	1RB-Low	Tilt Left	0mm	\	21.30	22.00	0.262	**0.31**	0.157	**0.18**	-0.07
0	Head	ENDC-LTE Band12	23095	704	1RB-Low	Cheek Right	0mm	\	21.30	22.00	0.304	**0.36**	0.193	**0.23**	0.11
0	Head	ENDC-LTE Band12	23095	704	1RB-Low	Tilt Right	0mm	\	21.30	22.00	0.353	**0.41**	0.192	**0.23**	-0.08
0	Head	ENDC-LTE Band12	23095	704	25RB-Mid	Cheek Left	0mm	\	21.34	22.00	0.258	**0.30**	0.172	**0.20**	-0.10
0	Head	ENDC-LTE Band12	23095	704	25RB-Mid	Tilt Left	0mm	\	21.34	22.00	0.276	**0.32**	0.166	**0.19**	-0.01
0	Head	ENDC-LTE Band12	23095	704	25RB-Mid	Cheek Right	0mm	\	21.34	22.00	0.323	**0.38**	0.199	**0.23**	-0.09
0	Head	ENDC-LTE Band12	23095	704	25RB-Mid	Tilt Right	0mm	\	21.34	22.00	0.374	**0.44**	0.203	**0.24**	0.06
0															
0	Body	LTE Band12	23060	704	1RB-Low	Front	10mm	\	24.46	24.50	0.155	**0.16**	0.124	**0.13**	-0.06
0	Body	LTE Band12	23060	704	1RB-Low	Rear	10mm	F.29	24.46	24.50	0.234	**0.24**	0.181	**0.18**	-0.05
0	Body	LTE Band12	23060	704	1RB-Low	Left	10mm	\	24.46	24.50	0.132	**0.13**	0.094	**0.09**	-0.17
0	Body	LTE Band12	23060	704	1RB-Low	Right	10mm	\	24.46	24.50	0.059	**0.06**	0.043	**0.04**	-0.01
0	Body	LTE Band12	23060	704	1RB-Low	Top	10mm	\	24.46	24.50	0.189	**0.19**	0.100	**0.10**	-0.11
0	Body	LTE Band12	23060	704	25RB-Mid	Front	10mm	\	23.49	23.50	0.145	**0.15**	0.115	**0.12**	0.14
0	Body	LTE Band12	23060	704	25RB-Mid	Rear	10mm	\	23.49	23.50	0.219	**0.22**	0.169	**0.17**	0.03
0	Body	LTE Band12	23060	704	25RB-Mid	Left	10mm	\	23.49	23.50	0.102	**0.10**	0.073	**0.07**	0.10
0	Body	LTE Band12	23060	704	25RB-Mid	Right	10mm	\	23.49	23.50	0.054	**0.05**	0.040	**0.04**	0.16
0	Body	LTE Band12	23060	704	25RB-Mid	Top	10mm	\	23.49	23.50	0.137	**0.14**	0.073	**0.07**	-0.06
0															
0	Body	LTE Band12	23060	704	1RB-Low	Front	15mm	\	24.46	24.50	0.178	**0.18**	0.138	**0.14**	0.02
0	Body	LTE Band12	23060	704	1RB-Low	Rear	15mm	F.30	24.46	24.50	0.233	**0.24**	0.179	**0.18**	0.04
0	Body	LTE Band12	23060	704	25RB-Mid	Front	15mm	\	23.49	24.50	0.166	**0.21**	0.128	**0.16**	-0.16
0	Body	LTE Band12	23060	704	25RB-Mid	Rear	15mm	\	23.49	24.50	0.183	**0.23**	0.172	**0.22**	0.05
0															
0	Head	LTE Band13	23230	782	1RB-Mid	Cheek Left	0mm	\	24.36	24.50	0.474	**0.49**	0.269	**0.28**	-0.03
0	Head	LTE Band13	23230	782	1RB-Mid	Tilt Left	0mm	\	24.36	24.50	0.503	**0.52**	0.256	**0.26**	0.17
0	Head	LTE Band13	23230	782	1RB-Mid	Cheek Right	0mm	\	24.36	24.50	0.578	**0.60**	0.310	**0.32**	-0.15
0	Head	LTE Band13	23230	782	1RB-Mid	Tilt Right	0mm	F.31	24.36	24.50	0.579	**0.60**	0.315	**0.33**	0.05
0	Head	LTE Band13	23230	782	25RB-High	Cheek Left	0mm	\	23.25	23.50	0.366	**0.39**	0.209	**0.22**	0.16
0	Head	LTE Band13	23230	782	25RB-High	Tilt Left	0mm	\	23.25	23.50	0.391	**0.41**	0.205	**0.22**	0.05
0	Head	LTE Band13	23230	782	25RB-High	Cheek Right	0mm	\	23.25	23.50	0.444	**0.47**	0.244	**0.26**	-0.06
0	Head	LTE Band13	23230	782	25RB-High	Tilt Right	0mm	\	23.25	23.50	0.439	**0.47**	0.210	**0.22**	-0.13
0															
0	Head	ENDC-LTE Band13	23230	782	1RB-Mid	Cheek Left	0mm	\	21.18	22.00	0.272	**0.33**	0.166	**0.20**	-0.01
0	Head	ENDC-LTE Band13	23230	782	1RB-Mid	Tilt Left	0mm	\	21.18	22.00	0.285	**0.34**	0.157	**0.19**	-0.11
0	Head	ENDC-LTE Band13	23230	782	1RB-Mid	Cheek Right	0mm	\	21.18	22.00	0.324	**0.39**	0.164	**0.20**	0.19
0	Head	ENDC-LTE Band13	23230	782	1RB-Mid	Tilt Right	0mm	\	21.18	22.00	0.348	**0.42**	0.186	**0.22**	0.09
0	Head	ENDC-LTE Band13	23230	782	25RB-High	Cheek Left	0mm	\	21.19	22.00	0.265	**0.32**	0.162	**0.20**	-0.14
0	Head	ENDC-LTE Band13	23230	782	25RB-High	Tilt Left	0mm	\	21.19	22.00	0.283	**0.34**	0.155	**0.19**	-0.18
0	Head	ENDC-LTE Band13	23230	782	25RB-High	Cheek Right	0mm	\	21.19	22.00	0.314	**0.38**	0.184	**0.22**	-0.06
0	Head	ENDC-LTE Band13	23230	782	25RB-High	Tilt Right	0mm	\	21.19	22.00	0.344	**0.41**	0.167	**0.20**	0.02
0															
0	Body	LTE Band13	23230	782	1RB-Mid	Front	10mm	\	24.12	24.50	0.246	**0.27**	0.184	**0.20**	0.16
0	Body	LTE Band13	23230	782	1RB-Mid	Rear	10mm	\	24.12	24.50	0.311	**0.34**	0.230	**0.25**	0.01
0	Body	LTE Band13	23230	782	1RB-Mid	Left	10mm	F.32	24.12	24.50	0.353	**0.39**	0.242	**0.26**	-0.09
0	Body	LTE Band13	23230	782	1RB-Mid	Right	10mm	\	24.12	24.50	<0.01	**<0.01**	<0.01	<0.01	\
0	Body	LTE Band13	23230	782	1RB-Mid	Top	10mm	\	24.12	24.50	0.227	**0.25**	0.117	**0.13**	-0.04
0	Body	LTE Band13	23230	782	25RB-High	Front	10mm	\	23.07	23.50	0.188	**0.21**	0.140	**0.15**	0.13
0	Body	LTE Band13	23230	782	25RB-High	Rear	10mm	\	23.07	23.50	0.236	**0.26**	0.175	**0.19**	0.12
0	Body	LTE Band13	23230	782	25RB-High	Left	10mm	\	23.07	23.50	0.265	**0.29**	0.181	**0.20**	0.07
0	Body	LTE Band13	23230	782	25RB-High	Right	10mm	\	23.07	23.50	<0.01	**<0.01**	<0.01	<0.01	\
0	Body	LTE Band13	23230	782	25RB-High	Top	10mm	\	23.07	23.50	0.237	**0.26**	0.128	**0.14**	0.08
0															
0	Body	LTE Band13	23230	782	1RB-Mid	Front	15mm	\	24.12	24.50	0.238	**0.26**	0.184	**0.20**	0.19
0	Body	LTE Band13	23230	782	1RB-Mid	Rear	15mm	F.33	24.12	24.50	0.344	**0.38**	0.262	**0.29**	0.12
0	Body	LTE Band13	23230	782	25RB-High	Front	15mm	\	23.07	23.50	0.186	**0.21**	0.144	**0.16**	-0.06
0	Body	LTE Band13	23230	782	25RB-High	Rear	15mm	\	23.07	23.50	0.220	**0.24**	0.166	**0.18**	0.00
2	Head	LTE Band25	26365	1882.5	1RB-Mid	Cheek Left	0mm	F.34	18.11	18.50	0.530	**0.58**	0.279	**0.31**	-0.03
2	Head	LTE Band25	26365	1882.5	1RB-Mid	Tilt Left	0mm	\	18.11	18.50	0.257	**0.28**	0.143	**0.16**	-0.03
2	Head	LTE Band25	26365	1882.5	1RB-Mid	Cheek Right	0mm	\	18.11	18.50	0.213	**0.23**	0.135	**0.15**	0.07
2	Head	LTE Band25	26365	1882.5	1RB-Mid	Tilt Right	0mm	\	18.11	18.50	0.189	**0.21**	0.109	**0.12**	-0.12
2	Head	LTE Band25	26365	1882.5	50RB-Low	Cheek Left	0mm	\	18.18	18.50	0.529	**0.57**	0.271	**0.29**	-0.03
2	Head	LTE Band25	26365	1882.5	50RB-Low	Tilt Left	0mm	\	18.18	18.50	0.258	**0.28**	0.144	**0.16**	0.02
2	Head	LTE Band25	26365	1882.5	50RB-Low	Cheek Right	0mm	\	18.18	18.50	0.216	**0.23**	0.136	**0.15**	0.12
2	Head	LTE Band25	26365	1882.5	50RB-Low	Tilt Right	0mm	\	18.18	18.50	0.189	**0.20**	0.109	**0.12**	0.02
2															
2	Body	LTE Band25	26365	1882.5	1RB-Mid	Front	10mm	\	21.55	22.00	0.253	**0.28**	0.148	**0.16**	-0.03
2	Body	LTE Band25	26365	1882.5	1RB-Mid	Rear	10mm	\	21.55	22.00	0.317	**0.35**	0.175	**0.19**	0.00
2	Body	LTE Band25	26365	1882.5	1RB-Mid	Right	10mm	\	21.55	22.00	0.519	**0.58**	0.264	**0.29**	-0.10
2	Body	LTE Band25	26365	1882.5	1RB-Mid	Top	10mm	\	21.55	22.00	0.063	**0.07**	0.032	**0.04**	0.05
2	Body	LTE Band25	26365	1882.5	50RB-High	Front	10mm	\	21.56	22.00	0.260	**0.29**	0.151	**0.17**	0.00
2	Body	LTE Band25	26365	1882.5	50RB-High	Rear	10mm	\	21.56	22.00	0.318	**0.35**	0.176	**0.19**	0.07
2	Body	LTE Band25	26365	1882.5	50RB-High	Right	10mm	F.35	21.56	22.00	0.521	**0.58**	0.272	**0.30**	-0.08
2	Body	LTE Band25	26365	1882.5	50RB-High	Top	10mm	\	21.56	22.00	0.064	**0.07**	0.035	**0.04**	0.15
2															
2	Body	LTE Band25	26365	1882.5	1RB-Mid	Front	15mm	\	23.18	23.50	0.296	**0.32**	0.198	**0.21**	-0.05
2	Body	LTE Band25	26365	1882.5	1RB-Mid	Rear	15mm	\	23.18	23.50	0.362	**0.39**	0.225	**0.24**	-0.08
2	Body	LTE Band25	26365	1882.5	50RB-Mid	Front	15mm	\	23.12	23.50	0.301	**0.33**	0.201	**0.22**	-0.08
2	Body	LTE Band25	26365	1882.5	50RB-Mid	Rear	15mm	F.36	23.12	23.50	0.365	**0.40**	0.226	**0.25**	0.10

0	Head	LTE Band26	26965	841.5	1RB-Mid	Cheek Left	0mm	\	23.24	23.50	0.439	**0.47**	0.294	**0.31**	-0.13
0	Head	LTE Band26	26965	841.5	1RB-Mid	Tilt Left	0mm	\	23.24	23.50	0.530	**0.56**	0.307	**0.33**	0.01
0	Head	LTE Band26	26965	841.5	1RB-Mid	Cheek Right	0mm	\	23.24	23.50	0.492	**0.52**	0.302	**0.32**	-0.11
0	Head	LTE Band26	26775	822.5	1RB-Mid	Tilt Right	0mm	\	23.16	23.50	0.563	**0.61**	0.302	**0.33**	0.03
0	Head	LTE Band26	26965	841.5	1RB-Mid	Tilt Right	0mm	\	23.24	23.50	0.547	**0.58**	0.296	**0.31**	-0.05
0	Head	LTE Band26	26865	831.5	1RB-Mid	Tilt Right	0mm	F.37	23.14	23.50	0.578	**0.63**	0.313	**0.34**	0.05
0	Head	LTE Band26	26965	841.5	25RB-Low	Cheek Left	0mm	\	23.20	23.50	0.353	**0.38**	0.235	**0.25**	0.14
0	Head	LTE Band26	26965	841.5	25RB-Low	Tilt Left	0mm	\	23.20	23.50	0.426	**0.46**	0.247	**0.26**	-0.01
0	Head	LTE Band26	26965	841.5	25RB-Low	Cheek Right	0mm	\	23.20	23.50	0.395	**0.42**	0.258	**0.28**	-0.12
0	Head	LTE Band26	26965	841.5	25RB-Low	Tilt Right	0mm	\	23.20	23.50	0.437	**0.47**	0.237	**0.25**	0.07
0															
0	Body	LTE Band26	26965	841.5	1RB-Low	Front	10mm	\	24.31	24.50	0.295	**0.31**	0.169	**0.18**	0.09
0	Body	LTE Band26	26965	841.5	1RB-Low	Rear	10mm	\	24.31	24.50	0.276	**0.29**	0.166	**0.17**	0.04
0	Body	LTE Band26	26965	841.5	1RB-Low	Left	10mm	\	24.31	24.50	0.234	**0.24**	0.148	**0.15**	0.11
0	Body	LTE Band26	26965	841.5	1RB-Low	Right	10mm	\	24.31	24.50	<0.01	**<0.01**	<0.01	<0.01	\
0	Body	LTE Band26	26965	841.5	1RB-Low	Top	10mm	\	24.31	24.50	0.299	**0.31**	0.143	**0.15**	-0.13
0	Body	LTE Band26	26965	841.5	25RB-Low	Front	10mm	\	23.27	23.50	0.236	**0.25**	0.135	**0.14**	0.12
0	Body	LTE Band26	26965	841.5	25RB-Low	Rear	10mm	\	23.27	23.50	0.221	**0.23**	0.151	**0.16**	-0.11
0	Body	LTE Band26	26965	841.5	25RB-Low	Left	10mm	\	23.27	23.50	0.255	**0.27**	0.161	**0.17**	0.17
0	Body	LTE Band26	26965	841.5	25RB-Low	Right	10mm	\	23.27	23.50	<0.01	**<0.01**	<0.01	<0.01	\
0	Body	LTE Band26	26965	841.5	25RB-Low	Top	10mm	F.38	23.27	23.50	0.334	**0.35**	0.173	**0.18**	-0.03
0															
0	Body	LTE Band26	26965	841.5	1RB-Mid	Front	15mm	\	24.31	24.50	0.224	**0.23**	0.174	**0.18**	-0.16
0	Body	LTE Band26	26965	841.5	1RB-Mid	Rear	15mm	F.39	24.31	24.50	0.242	**0.25**	0.184	**0.19**	0.07
0	Body	LTE Band26	26965	841.5	25RB-Low	Front	15mm	\	23.27	23.50	0.181	**0.19**	0.140	**0.15**	-0.17
0	Body	LTE Band26	26965	841.5	25RB-Low	Rear	15mm	\	23.27	23.50	0.191	**0.20**	0.144	**0.15**	0.11
4	Head	LTE Band41 PC3	40620	2593	1RB-Mid	Cheek Left	0mm	\	21.79	22.00	0.177	**0.19**	0.092	**0.10**	-0.05
4	Head	LTE Band41 PC3	40620	2593	1RB-Mid	Tilt Left	0mm	\	21.79	22.00	0.086	**0.09**	0.047	**0.05**	-0.01
4	Head	LTE Band41 PC3	40620	2593	1RB-Mid	Cheek Right	0mm	\	21.79	22.00	0.585	**0.61**	0.260	**0.27**	-0.14
4	Head	LTE Band41 PC3	40620	2593	1RB-Mid	Tilt Right	0mm	\	21.79	22.00	0.157	**0.16**	0.080	**0.08**	-0.15
4	Head	LTE Band41 PC3	40620	2593	50RB-Low	Cheek Left	0mm	\	21.73	22.00	0.183	**0.19**	0.095	**0.10**	-0.12
4	Head	LTE Band41 PC3	40620	2593	50RB-Low	Tilt Left	0mm	\	21.73	22.00	0.087	**0.09**	0.047	**0.05**	-0.17
4	Head	LTE Band41 PC3	39750	2506	50RB-Low	Cheek Right	0mm	F.40	21.13	22.00	0.612	**0.75**	0.269	**0.33**	-0.05
4	Head	LTE Band41 PC3	40620	2593	50RB-Low	Cheek Right	0mm	\	21.73	22.00	0.594	**0.63**	0.263	**0.28**	0.08
4	Head	LTE Band41 PC3	41490	2680	50RB-Low	Cheek Right	0mm	\	21.50	22.00	0.333	**0.37**	0.144	**0.16**	0.01
4	Head	LTE Band41 PC3	40620	2593	50RB-Low	Tilt Right	0mm	\	21.73	22.00	0.158	**0.17**	0.081	**0.09**	0.02
4	Head	LTE Band41 PC3	39750	2506	50RB-Low	Cheek Right	0mm	ULCA	21.13	22.00	0.517	**0.63**	0.243	**0.30**	0.08
4															
4	Body	LTE Band41 PC3	40620	2593	1RB-Mid	Front	10mm	\	21.32	21.50	0.226	**0.24**	0.112	**0.12**	-0.11
4	Body	LTE Band41 PC3	40620	2593	1RB-Mid	Rear	10mm	\	21.32	21.50	0.451	**0.47**	0.216	**0.23**	-0.01
4	Body	LTE Band41 PC3	40620	2593	1RB-Mid	Left	10mm	\	21.32	21.50	0.496	**0.52**	0.224	**0.23**	0.09
4	Body	LTE Band41 PC3	40620	2593	1RB-Mid	Top	10mm	\	21.32	21.50	<0.01	**<0.01**	<0.01	<0.01	\
4	Body	LTE Band41 PC3	40620	2593	50RB-Low	Front	10mm	\	21.30	21.50	0.231	**0.24**	0.114	**0.12**	0.10
4	Body	LTE Band41 PC3	40620	2593	50RB-Low	Rear	10mm	\	21.30	21.50	0.455	**0.48**	0.218	**0.23**	-0.04
4	Body	LTE Band41 PC3	40620	2593	50RB-Low	Left	10mm	F.41	21.30	21.50	0.511	**0.54**	0.232	**0.24**	0.09
4	Body	LTE Band41 PC3	40620	2593	50RB-Low	Top	10mm	\	21.30	21.50	0.061	**0.06**	0.032	**0.03**	0.15
4	Body	LTE Band41 PC3	40620	2593	50RB-Low	Left	10mm	ULCA	21.30	21.50	0.468	**0.49**	0.201	**0.21**	0.11
4															
4	Body	LTE Band41 PC3	40620	2593	1RB-Mid	Front	15mm	\	22.44	22.50	0.186	**0.19**	0.095	**0.10**	0.09
4	Body	LTE Band41 PC3	40620	2593	1RB-Mid	Rear	15mm	\	22.44	22.50	0.350	**0.35**	0.174	**0.18**	-0.16
4	Body	LTE Band41 PC3	40620	2593	50RB-Low	Front	15mm	\	22.40	22.50	0.187	**0.19**	0.096	**0.10**	0.05
4	Body	LTE Band41 PC3	40620	2593	50RB-Low	Rear	15mm	F.42	22.40	22.50	0.357	**0.37**	0.176	**0.18**	-0.09
4	Body	LTE Band41 PC3	40620	2593	50RB-Low	Rear	15mm	ULCA	22.40	22.50	0.338	**0.35**	0.152	**0.16**	-0.17
4															
4	Head	LTE Band41 PC2	40620	2593	1RB-Mid	Cheek Left	0mm	\	22.56	23.00	0.136	**0.15**	0.074	**0.08**	0.08
4	Head	LTE Band41 PC2	40620	2593	1RB-Mid	Tilt Left	0mm	\	22.56	23.00	0.074	**0.08**	0.041	**0.05**	-0.18
4	Head	LTE Band41 PC2	40620	2593	1RB-Mid	Cheek Right	0mm	\	22.56	23.00	0.455	**0.50**	0.199	**0.22**	-0.03
4	Head	LTE Band41 PC2	40620	2593	1RB-Mid	Tilt Right	0mm	\	22.56	23.00	0.128	**0.14**	0.066	**0.07**	-0.04
4	Head	LTE Band41 PC2	40620	2593	50RB-Low	Cheek Left	0mm	\	22.55	23.00	0.139	**0.15**	0.076	**0.08**	-0.09
4	Head	LTE Band41 PC2	40620	2593	50RB-Low	Tilt Left	0mm	\	22.55	23.00	0.074	**0.08**	0.041	**0.05**	0.18
4	Head	LTE Band41 PC2	39750	2506	50RB-Low	Cheek Right	0mm	F.43	22.02	23.00	0.498	**0.62**	0.219	**0.27**	0.02
4	Head	LTE Band41 PC2	40620	2593	50RB-Low	Cheek Right	0mm	\	22.55	23.00	0.468	**0.52**	0.020	**0.02**	0.11
4	Head	LTE Band41 PC2	41490	2680	50RB-Low	Cheek Right	0mm	\	22.17	23.00	0.280	**0.34**	0.121	**0.15**	0.07
4	Head	LTE Band41 PC2	40620	2593	50RB-Low	Tilt Right	0mm	\	22.55	23.00	0.128	**0.14**	0.066	**0.07**	-0.03
4	Head	LTE Band41 PC2	39750	2506	50RB-Low	Cheek Right	0mm	ULCA	22.02	23.00	0.455	**0.57**	0.198	**0.25**	0.14
4															
4	Body	LTE Band41 PC2	40620	2593	1RB-Mid	Front	10mm	\	24.37	25.00	0.315	**0.36**	0.153	**0.18**	0.09
4	Body	LTE Band41 PC2	40620	2593	1RB-Mid	Rear	10mm	\	24.37	25.00	0.655	**0.76**	0.292	**0.34**	-0.08
4	Body	LTE Band41 PC2	40620	2593	1RB-Mid	Left	10mm	F.44	24.37	25.00	0.705	**0.82**	0.320	**0.37**	0.03
4	Body	LTE Band41 PC2	40620	2593	1RB-Mid	Top	10mm	\	24.37	25.00	<0.01	**<0.01**	<0.01	<0.01	\
4	Body	LTE Band41 PC2	40620	2593	50RB-High	Front	10mm	\	24.30	25.00	0.294	**0.35**	0.143	**0.17**	-0.05
4	Body	LTE Band41 PC2	40620	2593	50RB-High	Rear	10mm	\	24.30	25.00	0.626	**0.74**	0.280	**0.33**	-0.03
4	Body	LTE Band41 PC2	40620	2593	50RB-High	Left	10mm	\	24.30	25.00	0.654	**0.77**	0.300	**0.35**	0.17
4	Body	LTE Band41 PC2	40620	2593	50RB-High	Top	10mm	\	24.30	25.00	0.091	**0.11**	0.046	**0.05**	-0.14
4	Body	LTE Band41 PC2	40620	2593	1RB-Mid	Left	10mm	ULCA	24.37	25.00	0.673	**0.78**	0.304	**0.35**	0.11
4	Body	LTE Band41 PC2	40620	2593	1RB-Mid	Left	10mm	esim	24.37	25.00	0.687	**0.79**	0.312	**0.36**	0.04
4															
4	Body	LTE Band41 PC2	40620	2593	1RB-Mid	Front	15mm	\	25.46	26.00	0.240	**0.27**	0.123	**0.14**	0.06
4	Body	LTE Band41 PC2	40620	2593	1RB-Mid	Rear	15mm	F.45	25.46	26.00	0.483	**0.55**	0.238	**0.27**	-0.10
4	Body	LTE Band41 PC2	40620	2593	50RB-Low	Front	15mm	\	25.40	26.00	0.228	**0.26**	0.117	**0.13**	-0.06
4	Body	LTE Band41 PC2	40620	2593	50RB-Low	Rear	15mm	\	25.40	26.00	0.462	**0.53**	0.228	**0.26**	-0.15
4	Body	LTE Band41 PC2	40620	2593	1RB-Mid	Rear	15mm	ULCA	25.46	26.00	0.452	**0.51**	0.203	**0.23**	0.15
2	Head	LTE Band48	55990	3625	1RB-Mid	Cheek Left	0mm	\	20.19	20.50	0.102	**0.11**	0.041	**0.04**	-0.12
2	Head	LTE Band48	55990	3625	1RB-Mid	Tilt Left	0mm	\	20.19	20.50	0.059	**0.06**	0.027	**0.03**	-0.16
2	Head	LTE Band48	55990	3625	1RB-Mid	Cheek Right	0mm	\	20.19	20.50	0.019	**0.02**	0.010	**0.01**	-0.03
2	Head	LTE Band48	55990	3625	1RB-Mid	Tilt Right	0mm	\	20.19	20.50	0.022	**0.02**	0.008	**0.01**	0.17
2	Head	LTE Band48	55990	3625	50RB-Low	Cheek Left	0mm	F.46	20.17	20.50	0.109	**0.12**	0.042	**0.05**	-0.09
2	Head	LTE Band48	55990	3625	50RB-Low	Tilt Left	0mm	\	20.17	20.50	0.064	**0.07**	0.028	**0.03**	0.02
2	Head	LTE Band48	55990	3625	50RB-Low	Cheek Right	0mm	\	20.17	20.50	0.019	**0.02**	0.010	**0.01**	0.00
2	Head	LTE Band48	55990	3625	50RB-Low	Tilt Right	0mm	\	20.17	20.50	0.021	**0.02**	0.009	**0.01**	0.18
2	Head	LTE Band48	55990	3625	50RB-Low	Cheek Left	0mm	ULCA	20.17	20.50	0.096	**0.10**	0.034	**0.04**	0.01
2															
2	Body	LTE Band48	55990	3625	1RB-Mid	Front	10mm	\	19.27	20.00	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	LTE Band48	55990	3625	1RB-Mid	Rear	10mm	\	19.27	20.00	0.184	**0.22**	0.073	**0.09**	-0.17
2	Body	LTE Band48	55990	3625	1RB-Mid	Right	10mm	\	19.27	20.00	0.202	**0.24**	0.075	**0.09**	0.15
2	Body	LTE Band48	55990	3625	1RB-Mid	Top	10mm	\	19.27	20.00	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	LTE Band48	55990	3625	50RB-High	Front	10mm	\	19.26	20.00	0.066	**0.08**	0.026	**0.03**	-0.12
2	Body	LTE Band48	55990	3625	50RB-High	Rear	10mm	\	19.26	20.00	0.178	**0.21**	0.072	**0.09**	0.03
2	Body	LTE Band48	55990	3625	50RB-High	Right	10mm	F.47	19.26	20.00	0.210	**0.25**	0.077	**0.09**	-0.12
2	Body	LTE Band48	55990	3625	50RB-High	Top	10mm	\	19.26	20.00	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	LTE Band48	55990	3625	50RB-High	Right	10mm	ULCA	19.26	20.00	0.184	**0.22**	0.071	**0.08**	0.15
2															
2	Body	LTE Band48	55990	3625	1RB-Mid	Front	15mm	\	20.75	21.00	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	LTE Band48	55990	3625	1RB-Mid	Rear	15mm	\	20.75	21.00	0.076	**0.08**	0.030	**0.03**	0.00
2	Body	LTE Band48	55990	3625	50RB-Low	Front	15mm	\	20.73	21.00	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	LTE Band48	55990	3625	50RB-Low	Rear	15mm	F.48	20.73	21.00	0.078	**0.08**	0.033	**0.04**	-0.06
2	Body	LTE Band48	55990	3625	50RB-Low	Rear	15mm	ULCA	20.73	21.00	0.065	**0.07**	0.023	**0.02**	-0.17

2	Head	LTE Band66	132072	1720	1RB-Mid	Cheek Left	0mm	F.49	20.08	20.50	0.544	**0.60**	0.292	**0.32**	0.06
2	Head	LTE Band66	132072	1720	1RB-Mid	Tilt Left	0mm	\	20.08	20.50	0.294	**0.32**	0.167	**0.18**	-0.14
2	Head	LTE Band66	132072	1720	1RB-Mid	Cheek Right	0mm	\	20.08	20.50	0.238	**0.26**	0.151	**0.17**	0.01
2	Head	LTE Band66	132072	1720	1RB-Mid	Tilt Right	0mm	\	20.08	20.50	0.246	**0.27**	0.143	**0.16**	0.18
2	Head	LTE Band66	132572	1770	50RB-Low	Cheek Left	0mm	\	20.04	20.50	0.537	**0.60**	0.288	**0.32**	0.02
2	Head	LTE Band66	132572	1770	50RB-Low	Tilt Left	0mm	\	20.04	20.50	0.292	**0.32**	0.167	**0.19**	0.16
2	Head	LTE Band66	132572	1770	50RB-Low	Cheek Right	0mm	\	20.04	20.50	0.240	**0.27**	0.151	**0.17**	0.06
2	Head	LTE Band66	132572	1770	50RB-Low	Tilt Right	0mm	\	20.04	20.50	0.246	**0.27**	0.142	**0.16**	-0.02
2															
2	Body	LTE Band66	132322	1745	1RB-Mid	Front	10mm	\	21.92	22.50	0.225	**0.26**	0.143	**0.16**	0.07
2	Body	LTE Band66	132322	1745	1RB-Mid	Rear	10mm	\	21.92	22.50	0.270	**0.31**	0.168	**0.19**	-0.17
2	Body	LTE Band66	132322	1745	1RB-Mid	Right	10mm	\	21.92	22.50	0.343	**0.39**	0.185	**0.21**	0.10
2	Body	LTE Band66	132322	1745	1RB-Mid	Top	10mm	\	21.92	22.50	0.079	**0.09**	0.048	**0.05**	0.08
2	Body	LTE Band66	132572	1770	50RB-Mid	Front	10mm	\	21.92	22.50	0.227	**0.26**	0.144	**0.16**	0.00
2	Body	LTE Band66	132572	1770	50RB-Mid	Rear	10mm	\	21.92	22.50	0.270	**0.31**	0.168	**0.19**	-0.13
2	Body	LTE Band66	132572	1770	50RB-Mid	Right	10mm	F.50	21.92	22.50	0.348	**0.40**	0.190	**0.22**	-0.05
2	Body	LTE Band66	132572	1770	50RB-Mid	Top	10mm	\	21.92	22.50	0.138	**0.16**	0.083	**0.09**	-0.10
2															
2	Body	LTE Band66	132572	1770	1RB-Mid	Front	15mm	\	23.09	23.50	0.175	**0.19**	0.111	**0.12**	-0.07
2	Body	LTE Band66	132572	1770	1RB-Mid	Rear	15mm	F.51	23.09	23.50	0.250	**0.27**	0.155	**0.17**	-0.16
2	Body	LTE Band66	132572	1770	50RB-Mid	Front	15mm	\	23.04	23.50	0.174	**0.19**	0.110	**0.12**	0.11
2	Body	LTE Band66	132572	1770	50RB-Mid	Rear	15mm	\	23.04	23.50	0.229	**0.25**	0.136	**0.15**	-0.17
2															
2	Head	LTE Band71	133322	683	1RB-Mid	Cheek Left	0mm	\	23.48	24.50	0.303	**0.38**	0.199	**0.25**	0.01
2	Head	LTE Band71	133322	683	1RB-Mid	Tilt Left	0mm	\	23.48	24.50	0.326	**0.41**	0.197	**0.25**	0.10
2	Head	LTE Band71	133322	683	1RB-Mid	Cheek Right	0mm	\	23.48	24.50	0.374	**0.47**	0.230	**0.29**	0.11
2	Head	LTE Band71	133322	683	1RB-Mid	Tilt Right	0mm	F.52	23.48	24.50	0.449	**0.57**	0.241	**0.30**	-0.06
2	Head	LTE Band71	133322	683	50RB-Low	Cheek Left	0mm	\	22.41	24.50	0.247	**0.40**	0.163	**0.26**	-0.07
2	Head	LTE Band71	133322	683	50RB-Low	Tilt Left	0mm	\	22.41	24.50	0.264	**0.43**	0.161	**0.26**	0.18
2	Head	LTE Band71	133322	683	50RB-Low	Cheek Right	0mm	\	22.41	24.50	0.304	**0.49**	0.186	**0.30**	0.12
2	Head	LTE Band71	133322	683	50RB-Low	Tilt Right	0mm	\	22.41	24.50	0.348	**0.56**	0.196	**0.32**	0.07
0	Body	LTE Band71	133322	683	1RB-Mid	Front	10mm	\	23.57	24.50	0.159	**0.20**	0.120	**0.15**	0.15
0	Body	LTE Band71	133322	683	1RB-Mid	Rear	10mm	\	23.57	24.50	0.245	**0.30**	0.184	**0.23**	0.14
0	Body	LTE Band71	133322	683	1RB-Mid	Left	10mm	F.53	23.57	24.50	0.294	**0.36**	0.205	**0.25**	-0.07
0	Body	LTE Band71	133322	683	1RB-Mid	Right	10mm	\	23.57	24.50	<0.01	**<0.01**	<0.01	<0.01	\
0	Body	LTE Band71	133322	683	1RB-Mid	Top	10mm	\	23.57	24.50	0.173	**0.21**	0.095	**0.12**	-0.03
0	Body	LTE Band71	133322	683	50RB-Mid	Front	10mm	\	22.48	24.50	0.132	**0.21**	0.100	**0.16**	-0.14
0	Body	LTE Band71	133322	683	50RB-Mid	Rear	10mm	\	22.48	24.50	0.198	**0.32**	0.148	**0.24**	0.17
0	Body	LTE Band71	133322	683	50RB-Mid	Left	10mm	\	22.48	24.50	0.115	**0.18**	0.080	**0.13**	0.11
0	Body	LTE Band71	133322	683	50RB-Mid	Right	10mm	\	22.48	24.50	<0.01	**<0.01**	<0.01	<0.01	\
0	Body	LTE Band71	133322	683	50RB-Mid	Top	10mm	\	22.48	24.50	0.078	**0.12**	0.038	**0.06**	0.07
0															
0	Body	LTE Band71	133322	683	1RB-Mid	Front	15mm	\	23.57	24.50	0.161	**0.20**	0.127	**0.16**	-0.04
0	Body	LTE Band71	133322	683	1RB-Mid	Rear	15mm	F.54	23.57	24.50	0.221	**0.27**	0.170	**0.21**	0.08
0	Body	LTE Band71	133322	683	50RB-Mid	Front	15mm	\	22.48	24.50	0.132	**0.21**	0.104	**0.17**	-0.18
0	Body	LTE Band71	133322	683	50RB-Mid	Rear	15mm	\	22.48	24.50	0.159	**0.25**	0.137	**0.22**	-0.13

ENDC-LTE

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	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 Band2	18900	1880	1RB-Mid	Cheek Left	0mm	\	23.88	24.50	0.103	**0.12**	0.064	**0.074**	-0.09
1	Head	LTE Band2	18900	1880	1RB-Mid	Tilt Left	0mm	\	23.88	24.50	<0.01	**<0.01**	<0.01	<0.01	\
1	Head	LTE Band2	18900	1880	1RB-Mid	Cheek Right	0mm	F. 55	23.88	24.50	0.125	**0.14**	0.080	**0.092**	0.13
1	Head	LTE Band2	18900	1880	1RB-Mid	Tilt Right	0mm	\	23.88	24.50	0.091	**0.10**	0.054	**0.062**	0.02
1	Head	LTE Band2	18900	1880	50RB-Low	Cheek Left	0mm	\	22.85	23.50	0.071	**0.08**	0.044	**0.051**	0.00
1	Head	LTE Band2	18900	1880	50RB-Low	Tilt Left	0mm	\	22.85	23.50	0.047	**0.05**	0.029	**0.034**	0.02
1	Head	LTE Band2	18900	1880	50RB-Low	Cheek Right	0mm	\	22.85	23.50	0.086	**0.10**	0.055	**0.064**	-0.08
1	Head	LTE Band2	18900	1880	50RB-Low	Tilt Right	0mm	\	22.85	23.50	0.066	**0.08**	0.041	**0.048**	-0.03
1															
1	Body	LTE Band2	18900	1880	1RB-Mid	Front	10mm	\	17.81	19.00	0.048	**0.06**	0.029	**0.038**	-0.06
1	Body	LTE Band2	18900	1880	1RB-Mid	Rear	10mm	\	17.81	19.00	0.079	**0.10**	0.049	**0.064**	0.18
1	Body	LTE Band2	18900	1880	1RB-Mid	Right	10mm	\	17.81	19.00	<0.01	**<0.01**	<0.01	<0.01	\
1	Body	LTE Band2	18900	1880	1RB-Mid	Bottom	10mm	F. 56	17.81	19.00	0.284	**0.37**	0.161	**0.212**	0.10
1	Body	LTE Band2	18900	1880	50RB-High	Front	10mm	\	17.78	19.00	0.045	**0.06**	0.028	**0.037**	0.01
1	Body	LTE Band2	18900	1880	50RB-High	Rear	10mm	\	17.78	19.00	0.075	**0.10**	0.050	**0.066**	0.03
1	Body	LTE Band2	18900	1880	50RB-High	Right	10mm	\	17.78	19.00	<0.01	**<0.01**	<0.01	<0.01	\
1	Body	LTE Band2	18900	1880	50RB-High	Bottom	10mm	\	17.78	19.00	0.272	**0.36**	0.158	**0.209**	-0.01
1															
1	Body	LTE Band2	18900	1880	1RB-Mid	Front	15mm	\	19.82	20.00	0.131	**0.14**	0.065	**0.068**	-0.18
1	Body	LTE Band2	18900	1880	1RB-Mid	Rear	15mm	F. 57	19.82	20.00	0.193	**0.20**	0.117	**0.122**	-0.09
1	Body	LTE Band2	18900	1880	50RB-Mid	Front	15mm	\	19.81	20.00	0.124	**0.13**	0.072	**0.075**	-0.05
1	Body	LTE Band2	18900	1880	50RB-Mid	Rear	15mm	\	19.81	20.00	0.191	**0.20**	0.108	**0.113**	-0.14
3	Head	LTE Band7	20850	2510	1RB-Mid	Cheek Left	0mm	F. 58	16.43	17.00	0.047	**0.05**	0.170	**0.194**	0.00
3	Head	LTE Band7	20850	2510	1RB-Mid	Tilt Left	0mm	\	16.43	17.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Head	LTE Band7	20850	2510	1RB-Mid	Cheek Right	0mm	\	16.43	17.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Head	LTE Band7	20850	2510	1RB-Mid	Tilt Right	0mm	\	16.43	17.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Head	LTE Band7	20850	2510	50RB-High	Cheek Left	0mm	\	16.38	17.00	0.039	**0.04**	0.140	**0.161**	0.06
3	Head	LTE Band7	20850	2510	50RB-High	Tilt Left	0mm	\	16.38	17.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Head	LTE Band7	20850	2510	50RB-High	Cheek Right	0mm	\	16.38	17.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Head	LTE Band7	20850	2510	50RB-High	Tilt Right	0mm	\	16.38	17.00	<0.01	**<0.01**	<0.01	<0.01	\
3															
3	Body	LTE Band7	20850	2510	1RB-Mid	Front	10mm	\	14.19	15.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Body	LTE Band7	20850	2510	1RB-Mid	Rear	10mm	\	14.19	15.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Body	LTE Band7	20850	2510	1RB-Mid	Right	10mm	\	14.19	15.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Body	LTE Band7	20850	2510	1RB-Mid	Bottom	10mm	\	14.19	15.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Body	LTE Band7	20850	2510	1RB-Mid	Top	10mm	\	14.19	15.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Body	LTE Band7	20850	2510	50RB-High	Front	10mm	\	14.17	15.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Body	LTE Band7	20850	2510	50RB-High	Rear	10mm	\	14.17	15.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Body	LTE Band7	20850	2510	50RB-High	Right	10mm	\	14.17	15.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Body	LTE Band7	20850	2510	50RB-High	Bottom	10mm	\	14.17	15.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Body	LTE Band7	20850	2510	50RB-High	Top	10mm	\	14.17	15.00	<0.01	**<0.01**	<0.01	<0.01	\
3															
3	Body	LTE Band7	20850	2510	1RB-Mid	Front	15mm	\	15.23	16.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Body	LTE Band7	20850	2510	1RB-Mid	Rear	15mm	\	15.23	16.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Body	LTE Band7	20850	2510	50RB-Mid	Front	15mm	\	15.19	16.00	<0.01	**<0.01**	<0.01	<0.01	\
3	Body	LTE Band7	20850	2510	50RB-Mid	Rear	15mm	\	15.19	16.00	<0.01	**<0.01**	<0.01	<0.01	\

1	Head	LTE Band66	132072	1720	1RB-Mid	Cheek Left	0mm	F. 59	23.88	24.50	0.201	**0.23**	0.130	**0.150**	0.18
1	Head	LTE Band66	132072	1720	1RB-Mid	Tilt Left	0mm	\	23.88	24.50	0.112	**0.13**	0.072	**0.083**	-0.13
1	Head	LTE Band66	132072	1720	1RB-Mid	Cheek Right	0mm	\	23.88	24.50	0.143	**0.16**	0.097	**0.112**	-0.11
1	Head	LTE Band66	132072	1720	1RB-Mid	Tilt Right	0mm	\	23.88	24.50	0.142	**0.16**	0.090	**0.104**	-0.05
1	Head	LTE Band66	132572	1770	50RB-Low	Cheek Left	0mm	\	22.77	23.50	0.177	**0.21**	0.115	**0.136**	-0.15
1	Head	LTE Band66	132572	1770	50RB-Low	Tilt Left	0mm	\	22.77	23.50	0.095	**0.11**	0.064	**0.076**	0.04
1	Head	LTE Band66	132572	1770	50RB-Low	Cheek Right	0mm	\	22.77	23.50	0.114	**0.13**	0.077	**0.091**	0.08
1	Head	LTE Band66	132572	1770	50RB-Low	Tilt Right	0mm	\	22.77	23.50	0.106	**0.13**	0.068	**0.080**	-0.02
1															
1	Body	LTE Band66	132322	1745	1RB-high	Front	10mm	\	16.68	17.00	0.153	**0.16**	0.090	**0.097**	-0.03
1	Body	LTE Band66	132322	1745	1RB-high	Rear	10mm	F. 60	16.68	17.00	0.208	**0.22**	0.121	**0.130**	-0.03
1	Body	LTE Band66	132322	1745	1RB-high	Right	10mm	\	16.68	17.00	<0.01	**<0.01**	<0.01	<0.01	\
1	Body	LTE Band66	132322	1745	1RB-high	Bottom	10mm	\	16.68	17.00	0.078	**0.08**	0.042	**0.045**	-0.06
1	Body	LTE Band66	132572	1770	50RB-Mid	Front	10mm	\	16.64	17.00	0.156	**0.17**	0.093	**0.101**	0.08
1	Body	LTE Band66	132572	1770	50RB-Mid	Rear	10mm	\	16.64	17.00	0.204	**0.22**	0.114	**0.124**	-0.11
1	Body	LTE Band66	132572	1770	50RB-Mid	Right	10mm	\	16.64	17.00	<0.01	**<0.01**	<0.01	<0.01	\
1	Body	LTE Band66	132572	1770	50RB-Mid	Bottom	10mm	\	16.64	17.00	0.086	**0.09**	0.046	**0.050**	-0.17
1															
1	Body	LTE Band66	132572	1770	1RB-Mid	Front	15mm	\	18.69	19.00	0.118	**0.13**	0.075	**0.081**	0.15
1	Body	LTE Band66	132572	1770	1RB-Mid	Rear	15mm	F. 61	18.69	19.00	0.159	**0.17**	0.098	**0.105**	0.09
1	Body	LTE Band66	132572	1770	50RB-Mid	Front	15mm	\	18.63	19.00	0.108	**0.12**	0.069	**0.075**	-0.17
1	Body	LTE Band66	132572	1770	50RB-Mid	Rear	15mm	\	18.63	19.00	0.147	**0.16**	0.097	**0.106**	-0.02
2	Head	LTE Band66	132072	1720	1RB-Mid	Cheek Left	0mm	\	17.83	18.00	0.333	**0.35**	0.188	**0.196**	0.04
2	Head	LTE Band66	132072	1720	1RB-Mid	Tilt Left	0mm	\	17.83	18.00	0.178	**0.19**	0.107	**0.111**	0.09
2	Head	LTE Band66	132072	1720	1RB-Mid	Cheek Right	0mm	\	17.83	18.00	0.155	**0.16**	0.105	**0.109**	0.10
2	Head	LTE Band66	132072	1720	1RB-Mid	Tilt Right	0mm	\	17.83	18.00	0.154	**0.16**	0.095	**0.099**	0.12
2	Head	LTE Band66	132572	1770	50RB-Mid	Cheek Left	0mm	\	17.81	18.00	0.313	**0.33**	0.172	**0.180**	0.04
2	Head	LTE Band66	132572	1770	50RB-Mid	Tilt Left	0mm	\	17.81	18.00	0.165	**0.17**	0.098	**0.102**	0.17
2	Head	LTE Band66	132572	1770	50RB-Mid	Cheek Right	0mm	\	17.81	18.00	0.143	**0.15**	0.082	**0.086**	-0.15
2	Head	LTE Band66	132572	1770	50RB-Mid	Tilt Right	0mm	\	17.81	18.00	0.139	**0.15**	0.081	**0.085**	0.03
2															
2	Body	LTE Band66	132322	1745	1RB-Mid	Front	10mm	\	16.78	18.00	0.052	**0.07**	0.034	**0.045**	-0.11
2	Body	LTE Band66	132322	1745	1RB-Mid	Rear	10mm	\	16.78	18.00	0.071	**0.09**	0.046	**0.061**	-0.01
2	Body	LTE Band66	132322	1745	1RB-Mid	Right	10mm	\	16.78	18.00	0.088	**0.12**	0.048	**0.064**	-0.09
2	Body	LTE Band66	132322	1745	1RB-Mid	Bottom	10mm	\	16.78	18.00	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	LTE Band66	132322	1745	1RB-Mid	Top	10mm	\	16.78	18.00	0.046	**0.06**	0.027	**0.036**	0.14
2	Body	LTE Band66	132572	1770	50RB-Mid	Front	10mm	\	16.72	18.00	0.055	**0.06**	0.042	**0.044**	0.12
2	Body	LTE Band66	132572	1770	50RB-Mid	Rear	10mm	\	16.72	18.00	0.065	**0.09**	0.042	**0.056**	-0.03
2	Body	LTE Band66	132572	1770	50RB-Mid	Right	10mm	\	16.72	18.00	0.079	**0.11**	0.044	**0.059**	-0.01
2	Body	LTE Band66	132572	1770	50RB-Mid	Bottom	10mm	\	16.72	18.00	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	LTE Band66	132572	1770	50RB-Mid	Top	10mm	\	16.72	18.00	0.051	**0.07**	0.032	**0.043**	0.07
2															
2	Body	LTE Band66	132572	1770	1RB-Mid	Front	15mm	\	18.92	19.00	0.066	**0.07**	0.044	**0.045**	-0.10
2	Body	LTE Band66	132572	1770	1RB-Mid	Rear	15mm	\	18.92	19.00	0.082	**0.08**	0.053	**0.054**	-0.03
2	Body	LTE Band66	132572	1770	50RB-Mid	Front	15mm	\	18.91	19.00	0.066	**0.07**	0.044	**0.045**	0.12
2	Body	LTE Band66	132572	1770	50RB-Mid	Rear	15mm	\	18.91	19.00	0.081	**0.08**	0.052	**0.053**	0.02
1	Head	LTE Band4	20175	1732.5	1RB-Mid	Cheek Left	0mm	F. 62	23.89	24.50	0.226	**0.26**	0.148	**0.170**	0.17
1	Head	LTE Band4	20175	1732.5	1RB-Mid	Tilt Left	0mm	\	23.89	24.50	<0.01	**<0.01**	<0.01	<0.01	\
1	Head	LTE Band4	20175	1732.5	1RB-Mid	Cheek Right	0mm	\	23.89	24.50	0.192	**0.22**	0.129	**0.148**	-0.05
1	Head	LTE Band4	20175	1732.5	1RB-Mid	Tilt Right	0mm	\	23.89	24.50	<0.01	**<0.01**	<0.01	<0.01	\
1	Head	LTE Band4	20175	1732.5	50RB-Low	Cheek Left	0mm	\	22.86	23.50	0.203	**0.24**	0.141	**0.163**	-0.07
1	Head	LTE Band4	20175	1732.5	50RB-Low	Tilt Left	0mm	\	22.86	23.50	<0.01	**<0.01**	<0.01	<0.01	\
1	Head	LTE Band4	20175	1732.5	50RB-Low	Cheek Right	0mm	\	22.86	23.50	0.170	**0.20**	0.118	**0.137**	-0.11
1	Head	LTE Band4	20175	1732.5	50RB-Low	Tilt Right	0mm	\	22.86	23.50	<0.01	**<0.01**	<0.01	<0.01	\
1															
1	Body	LTE Band4	20175	1732.5	1RB-Mid	Front	10mm	\	21.37	22.00	0.274	**0.32**	0.169	**0.195**	-0.11
1	Body	LTE Band4	20175	1732.5	1RB-Mid	Rear	10mm	\	21.37	22.00	0.512	**0.59**	0.296	**0.342**	-0.03
1	Body	LTE Band4	20175	1732.5	1RB-Mid	Right	10mm	\	21.37	22.00	0.088	**0.10**	0.051	**0.059**	0.04
1	Body	LTE Band4	20175	1732.5	1RB-Mid	Bottom	10mm	F. 63	21.37	22.00	0.538	**0.62**	0.304	**0.351**	0.15
1	Body	LTE Band4	20175	1732.5	50RB-Mid	Front	10mm	\	21.35	22.00	0.240	**0.28**	0.161	**0.187**	-0.10
1	Body	LTE Band4	20175	1732.5	50RB-Mid	Rear	10mm	\	21.35	22.00	0.494	**0.57**	0.275	**0.319**	0.07
1	Body	LTE Band4	20175	1732.5	50RB-Mid	Right	10mm	\	21.35	22.00	0.082	**0.10**	0.036	**0.042**	0.03
1	Body	LTE Band4	20175	1732.5	50RB-Mid	Bottom	10mm	\	21.35	22.00	0.517	**0.60**	0.294	**0.341**	0.04
1															
1	Body	LTE Band4	20175	1732.5	1RB-Mid	Front	15mm	\	22.27	23.00	0.293	**0.35**	0.180	**0.213**	-0.16
1	Body	LTE Band4	20175	1732.5	1RB-Mid	Rear	15mm	F. 64	22.27	23.00	0.446	**0.53**	0.272	**0.322**	0.17
1	Body	LTE Band4	20175	1732.5	50RB-Mid	Front	15mm	\	22.24	23.00	0.275	**0.33**	0.140	**0.167**	-0.17
1	Body	LTE Band4	20175	1732.5	50RB-Mid	Rear	15mm	\	22.24	23.00	0.441	**0.53**	0.030	**0.036**	-0.13

14.2 SAR results for 5G NR

SA

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
2	Head	N2	381500	1907.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	19.11	19.50	0.614	**0.67**	0.317	**0.347**	-0.13
2	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Left	0mm	\	19.18	19.50	0.638	**0.69**	0.332	**0.357**	-0.09
2	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Cheek Left	0mm	F.65	19.31	19.50	0.662	**0.69**	0.347	**0.363**	0.12
2	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	19.31	19.50	0.264	**0.28**	0.149	**0.156**	-0.18
2	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	19.31	19.50	0.274	**0.29**	0.173	**0.181**	0.12
2	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	19.31	19.50	0.232	**0.24**	0.135	**0.141**	0.11
2															
2	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Front	10mm	\	22.24	22.50	0.373	**0.40**	0.229	**0.243**	0.11
2	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Rear	10mm	\	22.24	22.50	0.440	**0.47**	0.240	**0.255**	-0.06
2	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Right	10mm	F.66	22.35	22.50	0.669	**0.69**	0.335	**0.347**	-0.06
2	Body	N2	376000	1880	DFT-s-OFDM QPSK	Right	10mm	\	22.17	22.50	0.630	**0.68**	0.328	**0.354**	-0.02
2	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Right	10mm	\	22.24	22.50	0.639	**0.68**	0.332	**0.352**	0.02
2	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Bottom	10mm	\	22.24	22.50	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Top	10mm	\	22.24	22.50	0.066	**0.07**	0.036	**0.038**	0.12
2															
2	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Front	15mm	\	24.72	25.50	0.369	**0.44**	0.234	**0.280**	0.02
2	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Rear	15mm	F.67	24.66	25.50	0.419	**0.51**	0.238	**0.289**	0.02
2	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	15mm	\	24.93	25.50	0.414	**0.47**	0.235	**0.268**	-0.11
2	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Rear	15mm	\	24.72	25.50	0.409	**0.49**	0.231	**0.276**	-0.11
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	23.55	24.00	0.466	**0.52**	0.306	**0.339**	-0.05
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	23.55	24.00	0.540	**0.60**	0.312	**0.346**	0.03
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	23.55	24.00	0.525	**0.58**	0.309	**0.343**	-0.06
0	Head	N5	169300	846.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	23.43	24.00	0.579	**0.66**	0.315	**0.359**	0.01
0	Head	N5	165300	826.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	23.34	24.00	0.569	**0.66**	0.324	**0.377**	-0.03
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Right	0mm	F.68	23.55	24.00	0.603	**0.67**	0.331	**0.367**	-0.04
0															
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	10mm	\	25.03	25.50	0.318	**0.35**	0.205	**0.228**	0.03
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	10mm	\	25.03	25.50	0.297	**0.33**	0.188	**0.209**	-0.17
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Left	10mm	\	25.03	25.50	0.277	**0.31**	0.190	**0.212**	0.02
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Right	10mm	\	25.03	25.50	0.126	**0.14**	0.087	**0.097**	-0.11
0	Body	N5	169300	846.5	DFT-s-OFDM QPSK	Top	10mm	F.69	24.95	25.50	0.522	**0.59**	0.279	**0.317**	0.06
0	Body	N5	165300	826.5	DFT-s-OFDM QPSK	Top	10mm	\	24.97	25.50	0.376	**0.42**	0.200	**0.226**	0.18
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Top	10mm	\	25.03	25.50	0.495	**0.55**	0.265	**0.295**	0.16
0	Body	N5	167300	846.5	DFT-s-OFDM QPSK	Front	15mm	F.70	24.95	25.50	0.301	**0.34**	0.235	**0.267**	-0.11
0	Body	N5	167300	826.5	DFT-s-OFDM QPSK	Front	15mm	\	24.97	25.50	0.295	**0.33**	0.223	**0.252**	0.19
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	15mm	\	25.03	25.50	0.246	**0.27**	0.209	**0.233**	0.13
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	15mm	\	25.03	25.50	0.197	**0.22**	0.143	**0.159**	-0.03
2	Head	N25	376500	1912.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	19.32	19.50	0.576	**0.60**	0.291	**0.303**	0.12
2	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Cheek Left	0mm	F.71	19.45	19.50	0.624	**0.63**	0.319	**0.323**	-0.03
2	Head	N25	376500	1852.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	19.28	19.50	0.596	**0.63**	0.308	**0.324**	0.19
2	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	19.45	19.50	0.289	**0.29**	0.156	**0.158**	-0.09
2	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	19.45	19.50	0.249	**0.25**	0.153	**0.155**	-0.12
2	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	19.45	19.50	0.213	**0.22**	0.119	**0.120**	0.07
2															
2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Front	10mm	\	22.42	22.50	0.369	**0.38**	0.207	**0.211**	-0.18
2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Rear	10mm	\	22.42	22.50	0.407	**0.41**	0.219	**0.223**	-0.06
2	Body	N25	376500	1912.5	DFT-s-OFDM QPSK	Right	10mm	\	22.33	22.50	0.627	**0.65**	0.308	**0.320**	0.07
2	Body	N25	376500	1852.5	DFT-s-OFDM QPSK	Right	10mm	\	22.24	22.50	0.677	**0.72**	0.343	**0.364**	-0.15
2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Right	10mm	F.72	22.42	22.50	0.776	**0.79**	0.384	**0.391**	-0.04
2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Bottom	10mm	\	22.42	22.50	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Top	10mm	\	22.42	22.50	0.088	**0.09**	0.046	**0.047**	-0.15
2															
2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Front	15mm	\	25.30	25.50	0.332	**0.35**	0.211	**0.221**	-0.08
2	Body	N25	376500	1912.5	DFT-s-OFDM QPSK	Rear	15mm	\	25.12	25.50	0.342	**0.37**	0.197	**0.215**	-0.04
2	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Rear	15mm	F.73	25.30	25.50	0.375	**0.39**	0.219	**0.229**	0.01
2	Body	N25	376500	1852.5	DFT-s-OFDM QPSK	Rear	15mm	\	25.10	25.50	0.353	**0.39**	0.213	**0.234**	0.02
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	19.20	20.50	0.196	**0.26**	0.046	**0.062**	-0.07
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	19.20	20.50	0.083	**0.11**	0.021	**0.028**	-0.08
4	Head	N41	535998	2679.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	19.19	20.50	0.286	**0.39**	0.060	**0.081**	0.12
4	Head	N41	527298	2636.49	DFT-s-OFDM QPSK	Cheek Right	0mm	\	18.88	20.50	0.344	**0.50**	0.072	**0.105**	-0.07
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	19.20	20.50	0.532	**0.72**	0.107	**0.144**	-0.05
4	Head	N41	509898	2549.49	DFT-s-OFDM QPSK	Cheek Right	0mm	\	18.86	20.50	0.576	**0.84**	0.124	**0.181**	-0.04
4	Head	N41	501204	2506.02	DFT-s-OFDM QPSK	Cheek Right	0mm	F.74	18.55	20.50	0.579	**0.91**	0.125	**0.196**	0.17
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	19.20	20.50	0.145	**0.20**	0.035	**0.047**	0.13
4															
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	19.20	20.50	0.183	**0.25**	0.087	**0.117**	-0.11
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	\	19.20	20.50	0.359	**0.48**	0.164	**0.221**	0.03
4	Body	N41	535998	2679.99	DFT-s-OFDM QPSK	Left	10mm	\	19.19	20.50	0.252	**0.34**	0.120	**0.162**	0.09
4	Body	N41	527298	2636.49	DFT-s-OFDM QPSK	Left	10mm	\	18.88	20.50	0.299	**0.43**	0.142	**0.206**	-0.02
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Left	10mm	\	19.20	20.50	0.427	**0.58**	0.195	**0.263**	0.15
4	Body	N41	509898	2549.49	DFT-s-OFDM QPSK	Left	10mm	\	18.86	20.50	0.454	**0.66**	0.212	**0.309**	-0.08
4	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Left	10mm	F.75	18.55	20.50	0.470	**0.74**	0.219	**0.343**	0.16
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Bottom	10mm	\	19.20	20.50	<0.01	**<0.01**	<0.01	<0.01	\
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Top	10mm	\	19.20	20.50	0.056	**0.08**	0.028	**0.038**	0.06
4															
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	15mm	\	20.70	22.00	0.145	**0.20**	0.077	**0.104**	0.15
4	Body	N41	535998	2679.99	DFT-s-OFDM QPSK	Rear	15mm	\	20.70	22.00	0.185	**0.25**	0.094	**0.127**	-0.08
4	Body	N41	527298	2636.49	DFT-s-OFDM QPSK	Rear	15mm	\	20.70	22.00	0.230	**0.31**	0.122	**0.165**	-0.05
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	15mm	\	20.70	22.00	0.294	**0.40**	0.148	**0.200**	-0.18
4	Body	N41	509898	2549.49	DFT-s-OFDM QPSK	Rear	15mm	\	20.70	22.00	0.348	**0.47**	0.169	**0.228**	-0.08
4	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Rear	15mm	F.76	20.70	22.00	0.387	**0.52**	0.194	**0.262**	0.16

2	Head	N48	646332	3694.98	DFT-s-OFDM QPSK	Cheek Left	0mm	F.77	22.02	23.50	0.638	**0.90**	0.242	**0.340**	0.05
2	Head	N48	641666	3624.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	22.62	23.50	0.534	**0.65**	0.187	**0.229**	0.18
2	Head	N48	641666	3624.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	22.62	23.50	0.317	**0.39**	0.125	**0.153**	0.1
2	Head	N48	641666	3624.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	22.62	23.50	0.127	**0.16**	0.058	**0.071**	0.03
2	Head	N48	641666	3624.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	22.62	23.50	0.126	**0.15**	0.046	**0.056**	0.04
2															
2	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	Front	10mm	\	24.46	25.50	0.290	**0.37**	0.117	**0.149**	-0.09
2	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	Rear	10mm	\	24.46	25.50	0.805	**1.02**	0.332	**0.422**	0
2	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	Right	10mm	F.78	24.46	25.50	0.869	**1.10**	0.334	**0.424**	-0.05
2	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	Bottom	10mm	\	24.46	25.50	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	Top	10mm	\	24.46	25.50	0.455	**0.58**	0.189	**0.240**	0.11
2	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	Right	10mm	B2	24.46	25.50	0.831	**1.06**	0.307	**0.390**	0.06
2															
2	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	Front	15mm	\	24.46	25.50	0.124	**0.16**	0.059	**0.075**	0.14
2	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	Rear	15mm	F.79	24.46	25.50	0.513	**0.65**	0.243	**0.309**	-0.05
2	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	21.14	21.50	0.713	**0.77**	0.398	**0.432**	-0.15
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	F.80	21.19	21.50	0.751	**0.81**	0.414	**0.445**	0.05
2	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	21.06	21.50	0.726	**0.80**	0.408	**0.452**	0.02
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	21.19	21.50	0.408	**0.44**	0.239	**0.257**	-0.03
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	21.19	21.50	0.380	**0.41**	0.250	**0.268**	-0.16
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	21.19	21.50	0.355	**0.38**	0.212	**0.228**	-0.02
2															
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	24.96	25.50	0.514	**0.58**	0.321	**0.364**	0.08
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	24.96	25.50	0.548	**0.62**	0.349	**0.395**	0
2	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Right	10mm	\	24.86	25.50	0.638	**0.74**	0.338	**0.392**	-0.04
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Right	10mm	\	24.96	25.50	0.670	**0.76**	0.364	**0.412**	0.17
2	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Right	10mm	F.81	24.83	25.50	0.697	**0.81**	0.379	**0.442**	-0.18
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Bottom	10mm	\	24.96	25.50	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	10mm	\	24.96	25.50	0.380	**0.43**	0.219	**0.248**	0.18
2															
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	15mm	\	24.96	25.50	0.345	**0.39**	0.220	**0.249**	0.03
2	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	15mm	\	24.86	25.50	0.372	**0.43**	0.235	**0.272**	0.01
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	15mm	\	24.96	25.50	0.419	**0.47**	0.265	**0.300**	0.04
2	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	15mm	F.82	24.83	25.50	0.467	**0.54**	0.295	**0.344**	-0.03
0	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	24.75	25.50	0.333	**0.40**	0.233	**0.277**	-0.16
0	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	24.75	25.50	0.387	**0.46**	0.246	**0.292**	-0.12
0	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	24.75	25.50	0.457	**0.54**	0.295	**0.351**	-0.08
0	Head	N71	139100	695.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	24.75	25.50	0.431	**0.51**	0.249	**0.296**	-0.18
0	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Tilt Right	0mm	F.83	24.75	25.50	0.552	**0.66**	0.297	**0.353**	-0.13
0	Head	N71	133100	665.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	24.75	25.50	0.548	**0.65**	0.288	**0.342**	-0.13
0															
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Front	10mm	\	24.75	25.50	0.240	**0.29**	0.196	**0.233**	-0.03
0	Body	N71	139100	695.5	DFT-s-OFDM QPSK	Rear	10mm	\	24.75	25.50	0.280	**0.33**	0.224	**0.266**	0.02
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Rear	10mm	\	24.75	25.50	0.305	**0.36**	0.244	**0.290**	0.02
0	Body	N71	133100	665.5	DFT-s-OFDM QPSK	Rear	10mm	F.84	24.75	25.50	0.318	**0.38**	0.256	**0.304**	0.05
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Left	10mm	\	24.75	25.50	0.268	**0.32**	0.201	**0.239**	0.11
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Right	10mm	\	24.75	25.50	0.142	**0.17**	0.104	**0.124**	-0.17
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Top	10mm	\	24.75	25.50	0.300	**0.36**	0.173	**0.206**	-0.04
0															
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Front	15mm	\	24.75	25.50	0.227	**0.27**	0.186	**0.221**	-0.17
0	Body	N71	139100	695.5	DFT-s-OFDM QPSK	Rear	15mm	\	24.75	25.50	0.229	**0.27**	0.186	**0.221**	-0.07
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Rear	15mm	\	24.75	25.50	0.265	**0.31**	0.213	**0.253**	0.04
0	Body	N71	133100	665.5	DFT-s-OFDM QPSK	Rear	15mm	F.85	24.75	25.50	0.276	**0.33**	0.221	**0.263**	0.08
2	Head	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	F.86	16.99	18.00	0.533	**0.67**	0.174	**0.220**	0.08
2	Head	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	16.99	18.00	0.257	**0.32**	0.108	**0.136**	0.01
2	Head	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	16.99	18.00	0.074	**0.09**	0.036	**0.045**	0.04
2	Head	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	16.99	18.00	0.061	**0.08**	0.029	**0.037**	-0.06
2															
2	Body	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	18.31	19.50	0.228	**0.30**	0.087	**0.114**	0.16
2	Body	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	18.31	19.50	0.343	**0.45**	0.140	**0.184**	0.1
2	Body	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	F.87	18.31	19.50	0.762	**1.00**	0.279	**0.367**	-0.06
2	Body	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Bottom	10mm	\	18.31	19.50	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	18.31	19.50	0.088	**0.12**	0.036	**0.047**	0.03
2															
2	Body	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Front	15mm	\	18.79	20.00	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Rear	15mm	F.88	18.79	20.00	0.222	**0.29**	0.097	**0.128**	0.18
2															
2	Head	N77_H	650800	3762	DFT-s-OFDM QPSK	Cheek Left	0mm	\	16.57	18.00	0.301	**0.42**	0.106	**0.147**	-0.13
2	Head	N77_H	650800	3762	DFT-s-OFDM QPSK	Tilt Left	0mm	\	16.57	18.00	0.157	**0.22**	0.059	**0.082**	-0.03
2	Head	N77_H	650800	3762	DFT-s-OFDM QPSK	Cheek Right	0mm	\	16.57	18.00	0.068	**0.09**	0.030	**0.042**	0.09
2	Head	N77_H	650800	3762	DFT-s-OFDM QPSK	Tilt Right	0mm	\	16.57	18.00	0.064	**0.09**	0.022	**0.031**	-0.13
2															
2	Body	N77_H	650800	3762	DFT-s-OFDM QPSK	Front	10mm	\	17.94	19.50	0.090	**0.13**	0.040	**0.057**	-0.17
2	Body	N77_H	650800	3762	DFT-s-OFDM QPSK	Rear	10mm	\	17.94	19.50	0.312	**0.45**	0.133	**0.190**	-0.1
2	Body	N77_H	650800	3762	DFT-s-OFDM QPSK	Right	10mm	\	17.94	19.50	0.445	**0.64**	0.168	**0.241**	-0.09
2	Body	N77_H	650800	3762	DFT-s-OFDM QPSK	Bottom	10mm	\	17.94	19.50	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	N77_H	650800	3762	DFT-s-OFDM QPSK	Top	10mm	\	17.94	19.50	0.067	**0.10**	0.032	**0.046**	0.1
2															
2	Body	N77_H	650800	3762	DFT-s-OFDM QPSK	Front	15mm	\	18.47	20.00	0.048	**0.07**	0.022	**0.031**	0.17
2	Body	N77_H	650800	3762	DFT-s-OFDM QPSK	Rear	15mm	\	18.47	20.00	0.180	**0.26**	0.080	**0.114**	-0.18

2	Head	N78_L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	F.89	14.64	15.50	0.371	**0.45**	0.113	**0.138**	-0.18
2	Head	N78_L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	14.64	15.50	0.205	**0.25**	0.073	**0.089**	-0.06
2	Head	N78_L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	14.64	15.50	0.060	**0.07**	0.026	**0.032**	0.07
2	Head	N78_L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	14.64	15.50	0.054	**0.07**	0.023	**0.028**	0.11
2															
2	Body	N78_L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	17.18	18.00	0.152	**0.18**	0.064	**0.077**	-0.18
2	Body	N78_L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	17.18	18.00	0.247	**0.30**	0.109	**0.132**	0.11
2	Body	N78_L	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	F.90	17.18	18.00	0.532	**0.64**	0.206	**0.249**	0.15
2	Body	N78_L	633334	3500.01	DFT-s-OFDM QPSK	Bottom	10mm	\	17.18	18.00	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	N78_L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	17.18	18.00	0.090	**0.11**	0.040	**0.048**	-0.01
2															
2	Body	N78_L	633334	3500.01	DFT-s-OFDM QPSK	Front	15mm	\	15.59	16.50	0.069	**0.09**	0.029	**0.036**	-0.11
2	Body	N78_L	633334	3500.01	DFT-s-OFDM QPSK	Rear	15mm	F.91	15.59	16.50	0.126	**0.16**	0.056	**0.069**	0.14
2															
2	Head	N78_H	650000	3750	DFT-s-OFDM QPSK	Cheek Left	0mm	\	15.22	15.50	0.149	**0.16**	0.052	**0.055**	-0.13
2	Head	N78_H	650000	3750	DFT-s-OFDM QPSK	Tilt Left	0mm	\	15.22	15.50	0.073	**0.08**	0.027	**0.029**	0.04
2	Head	N78_H	650000	3750	DFT-s-OFDM QPSK	Cheek Right	0mm	\	15.22	15.50	0.033	**0.04**	0.012	**0.013**	0.16
2	Head	N78_H	650000	3750	DFT-s-OFDM QPSK	Tilt Right	0mm	\	15.22	15.50	0.035	**0.04**	0.011	**0.012**	0.17
2															
2	Body	N78_H	650000	3750	DFT-s-OFDM QPSK	Front	10mm	\	17.78	18.00	0.045	**0.05**	0.018	**0.019**	0.06
2	Body	N78_H	650000	3750	DFT-s-OFDM QPSK	Rear	10mm	\	17.78	18.00	0.149	**0.16**	0.062	**0.065**	-0.18
2	Body	N78_H	650000	3750	DFT-s-OFDM QPSK	Right	10mm	\	17.78	18.00	0.196	**0.21**	0.071	**0.075**	0.09
2	Body	N78_H	650000	3750	DFT-s-OFDM QPSK	Bottom	10mm	\	17.78	18.00	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	N78_H	650000	3750	DFT-s-OFDM QPSK	Top	10mm	\	17.78	18.00	0.038	**0.04**	0.018	**0.019**	0.06
2															
2	Body	N78_H	650000	3750	DFT-s-OFDM QPSK	Front	15mm	\	16.25	16.50	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	N78_H	650000	3750	DFT-s-OFDM QPSK	Rear	15mm	\	16.25	16.50	0.094	**0.10**	0.040	**0.042**	0.14

NSA

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	EUT Measured Power (dBm)	EUT Measured Power (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	N2	381500	1907.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	17.24	17.50	0.300	**0.32**	0.154	**0.164**	-0.19
2	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Left	0mm	\	17.23	17.50	0.306	**0.33**	0.159	**0.169**	0.17
2	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	17.28	17.50	0.321	**0.34**	0.169	**0.178**	0.13
2	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	17.28	17.50	0.146	**0.15**	0.080	**0.084**	-0.16
2	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	17.28	17.50	0.141	**0.15**	0.088	**0.093**	-0.08
2	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	17.28	17.50	0.122	**0.13**	0.070	**0.074**	0.03
2															
2	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Front	15mm	\	24.11	24.50	0.308	**0.34**	0.188	**0.206**	-0.03
2	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Rear	15mm	\	24.01	24.50	0.339	**0.38**	0.189	**0.212**	0
2	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	15mm	\	24.05	24.50	0.361	**0.40**	0.204	**0.226**	-0.07
2	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Rear	15mm	\	24.11	24.50	0.359	**0.39**	0.193	**0.211**	0.09
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	22.12	22.50	0.360	**0.39**	0.207	**0.226**	-0.02
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	22.12	22.50	0.414	**0.45**	0.209	**0.228**	-0.07
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	22.12	22.50	0.417	**0.46**	0.216	**0.236**	-0.16
0	Head	N5	169300	846.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	21.93	22.50	0.412	**0.47**	0.200	**0.228**	-0.03
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	22.12	22.50	0.444	**0.48**	0.232	**0.253**	0.15
0	Head	N5	165300	826.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	22.01	22.50	0.429	**0.48**	0.209	**0.234**	0.03
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	18.37	19.50	0.145	**0.19**	0.071	**0.092**	-0.03
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	18.37	19.50	0.061	**0.08**	0.033	**0.043**	0.09
4	Head	N41	535998	2679.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	18.37	19.50	0.212	**0.28**	0.092	**0.119**	0.06
4	Head	N41	527298	2636.49	DFT-s-OFDM QPSK	Cheek Right	0mm	\	18.37	19.50	0.254	**0.33**	0.111	**0.144**	-0.04
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	18.37	19.50	0.393	**0.51**	0.164	**0.213**	0.17
4	Head	N41	509898	2549.49	DFT-s-OFDM QPSK	Cheek Right	0mm	\	18.37	19.50	0.426	**0.55**	0.190	**0.246**	0.06
4	Head	N41	501204	2506.02	DFT-s-OFDM QPSK	Cheek Right	0mm	\	18.37	19.50	0.428	**0.56**	0.192	**0.249**	-0.01
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	18.37	19.50	0.107	**0.14**	0.053	**0.069**	0.01
2	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	18.93	19.50	0.367	**0.42**	0.207	**0.236**	0.1
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	19.03	19.50	0.363	**0.40**	0.204	**0.227**	0.03
2	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	18.88	19.50	0.369	**0.43**	0.210	**0.242**	0.01
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	19.03	19.50	0.192	**0.21**	0.115	**0.128**	0.06
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	19.03	19.50	0.162	**0.18**	0.110	**0.123**	0.12
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	19.03	19.50	0.163	**0.18**	0.100	**0.111**	-0.03
2															
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	21.19	21.50	0.232	**0.25**	0.145	**0.156**	0.11
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	21.19	21.50	0.247	**0.27**	0.151	**0.162**	0.08
2	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Right	10mm	\	21.14	21.50	0.316	**0.34**	0.158	**0.172**	0.07
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Right	10mm	\	21.19	21.50	0.333	**0.36**	0.174	**0.187**	0.09
2	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Right	10mm	\	21.06	21.50	0.349	**0.39**	0.185	**0.205**	-0.01
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Bottom	10mm	\	21.19	21.50	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	10mm	\	21.19	21.50	0.238	**0.26**	0.135	**0.145**	-0.12
2															
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	15mm	\	24.16	24.50	0.348	**0.38**	0.217	**0.235**	0.1
2	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	15mm	\	24.00	24.50	0.367	**0.41**	0.217	**0.243**	-0.16
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	15mm	\	24.16	24.50	0.431	**0.47**	0.265	**0.287**	-0.1
2	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	15mm	\	24.01	24.50	0.467	**0.52**	0.295	**0.330**	-0.03
0	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	22.75	23.50	0.216	**0.26**	0.140	**0.166**	0.17
0	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	22.75	23.50	0.260	**0.31**	0.151	**0.179**	0.12
0	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	22.75	23.50	0.288	**0.34**	0.177	**0.210**	-0.11
0	Head	N71	139100	695.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	22.61	23.50	0.286	**0.35**	0.153	**0.188**	-0.12
0	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	22.75	23.50	0.316	**0.38**	0.169	**0.201**	-0.1
0	Head	N71	133100	665.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	22.74	23.50	0.354	**0.42**	0.187	**0.223**	0.02
2															
2	Body	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	16.99	18.00	0.158	**0.20**	0.064	**0.081**	0.16
2	Body	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	16.99	18.00	0.244	**0.31**	0.102	**0.129**	-0.09
2	Body	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	\	16.99	18.00	0.583	**0.74**	0.220	**0.278**	-0.11
2	Body	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Bottom	10mm	\	16.99	18.00	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	N77_L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	16.99	18.00	0.077	**0.10**	0.035	**0.044**	-0.09
2															
2	Body	N77_H	650800	3762	DFT-s-OFDM QPSK	Front	10mm	\	17.94	19.50	0.052	**0.07**	0.019	**0.027**	0.08
2	Body	N77_H	650800	3762	DFT-s-OFDM QPSK	Rear	10mm	\	17.94	19.50	0.172	**0.25**	0.068	**0.097**	0.06
2	Body	N77_H	650800	3762	DFT-s-OFDM QPSK	Right	10mm	\	17.94	19.50	0.209	**0.30**	0.079	**0.113**	-0.12
2	Body	N77_H	650800	3762	DFT-s-OFDM QPSK	Bottom	10mm	\	17.94	19.50	<0.01	**<0.01**	<0.01	<0.01	\
2	Body	N77_H	650800	3762	DFT-s-OFDM QPSK	Top	10mm	\	17.94	19.50	<0.01	**<0.01**	<0.01	<0.01	\

14.3 WLAN Evaluation for 2.4G

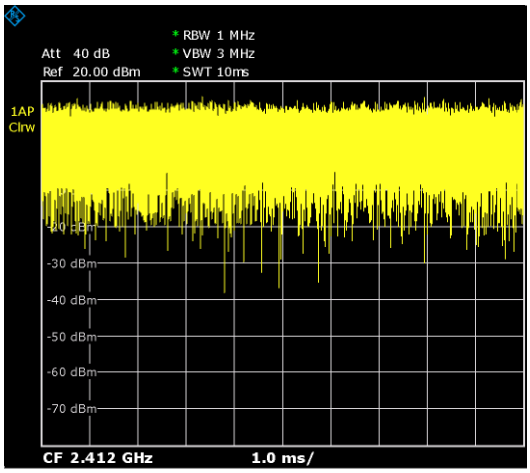
The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default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

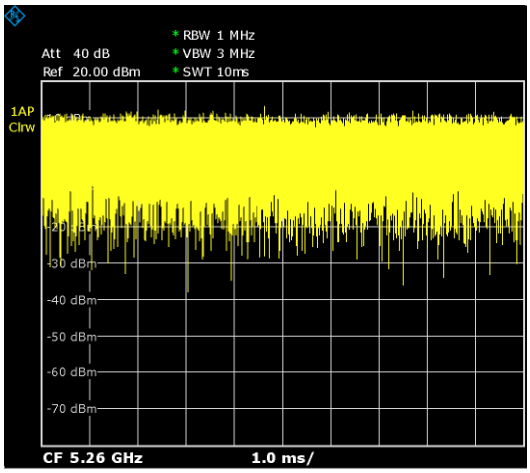
SAR Test reduction was applied from KDB 248227 guidance, when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest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



WIFI2.4G(Standalone)

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
7	Head	WLAN2.4G	6	2437	11b	Cheek Left	0mm	F.92	100.00%	17.93	18.50	1.040	**1.19**	0.526	**0.600**	-0.12
7	Head	WLAN2.4G	6	2437	11b	Tilt Left	0mm	\	100.00%	17.93	18.50	0.877	**1.00**	0.422	**0.481**	0.1
7	Head	WLAN2.4G	6	2437	11b	Cheek Right	0mm	\	100.00%	17.93	18.50	0.378	**0.43**	0.206	**0.235**	-0.07
7	Head	WLAN2.4G	6	2437	11b	Tilt Right	0mm	\	100.00%	17.93	18.50	0.284	**0.32**	0.148	**0.169**	0.12
7	Head	WLAN2.4G	6	2437	11b	Cheek Left	0mm	B2	100.00%	17.93	18.50	0.980	**1.12**	0.503	**0.574**	0.05
7																
7	Body	WLAN2.4G	6	2437	11b	Front	10mm	F.93	100.00%	19.49	20.50	0.181	**0.23**	0.104	**0.131**	-0.15
7	Body	WLAN2.4G	6	2437	11b	Rear	10mm	\	100.00%	19.49	20.50	0.135	**0.17**	0.074	**0.093**	-0.05
7	Body	WLAN2.4G	6	2437	11b	Left	10mm	\	100.00%	19.49	20.50	0.025	**0.03**	0.015	**0.019**	0.02
7	Body	WLAN2.4G	6	2437	11b	Right	10mm	\	100.00%	19.49	20.50	0.172	**0.22**	0.095	**0.120**	-0.05
7	Body	WLAN2.4G	6	2437	11b	Top	10mm	\	100.00%	19.49	20.50	0.128	**0.16**	0.068	**0.086**	-0.11
7	Body	WLAN2.4G	6	2437	11b	Bottom	10mm	\	100.00%	19.49	20.50	<0.01	**<0.01**	<0.01	<0.01	\

WIFI2.4G(WWAN+WIFI)

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
7	Head	WLAN2.4G	6	2437	11b	Cheek Left	0mm	\	100.00%	9.78	10.50	0.076	**0.09**	0.016	**0.019**	0
7	Head	WLAN2.4G	6	2437	11b	Tilt Left	0mm	\	100.00%	9.78	10.50	0.062	**0.07**	0.013	**0.015**	0.08
7	Head	WLAN2.4G	6	2437	11b	Cheek Right	0mm	\	100.00%	9.78	10.50	0.027	**0.03**	0.006	**0.007**	0.15
7	Head	WLAN2.4G	6	2437	11b	Tilt Right	0mm	\	100.00%	9.78	10.50	0.022	**0.03**	0.005	**0.006**	-0.11
7	Body	WLAN2.4G	6	2437	11b	Front	10mm	\	100.00%	14.73	15.50	0.077	**0.09**	0.042	**0.050**	0.17
7	Body	WLAN2.4G	6	2437	11b	Rear	10mm	\	100.00%	14.73	15.50	0.062	**0.07**	0.032	**0.038**	0.03
7	Body	WLAN2.4G	6	2437	11b	Left	10mm	\	100.00%	14.73	15.50	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN2.4G	6	2437	11b	Right	10mm	\	100.00%	14.73	15.50	0.061	**0.07**	0.032	**0.038**	0.05
7	Body	WLAN2.4G	6	2437	11b	Top	10mm	\	100.00%	14.73	15.50	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN2.4G	6	2437	11b	Bottom	10mm	\	100.00%	14.73	15.50	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN2.4G	6	2437	11b	Front	15mm	\	100.00%	10.75	11.50	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN2.4G	6	2437	11b	Rear	15mm	\	100.00%	10.75	11.50	<0.01	**<0.01**	<0.01	<0.01	\

14.4 WLAN Evaluation For 5G

WIFI5G(Standalone)

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
7	Head	WLAN5G	40	5200	11a-6M	Cheek Left	0mm	\	100.00%	14.39	14.50	0.119	**0.12**	0.046	**0.047**	-0.14
7	Head	WLAN5G	40	5200	11a-6M	Tilt Left	0mm	\	100.00%	14.39	14.50	0.142	**0.15**	0.047	**0.048**	-0.17
7	Head	WLAN5G	40	5200	11a-6M	Cheek Right	0mm	\	100.00%	14.39	14.50	0.076	**0.08**	0.026	**0.027**	0.05
7	Head	WLAN5G	40	5200	11a-6M	Tilt Right	0mm	\	100.00%	14.39	14.50	0.108	**0.11**	0.036	**0.037**	0.13
7	Head	WLAN5G	64	5320	11a-6M	Cheek Left	0mm	\	100.00%	14.39	14.50	0.147	**0.15**	0.047	**0.048**	0.05
7	Head	WLAN5G	64	5320	11a-6M	Tilt Left	0mm	\	100.00%	14.39	14.50	0.153	**0.16**	0.046	**0.047**	-0.03
7	Head	WLAN5G	64	5320	11a-6M	Cheek Right	0mm	\	100.00%	14.39	14.50	0.093	**0.10**	0.033	**0.034**	-0.12
7	Head	WLAN5G	64	5320	11a-6M	Tilt Right	0mm	\	100.00%	14.39	14.50	0.108	**0.11**	0.039	**0.040**	0
7	Head	WLAN5G	132	5660	11a-6M	Cheek Left	0mm	\	100.00%	14.43	14.50	0.283	**0.29**	0.086	**0.087**	0.18
7	Head	WLAN5G	132	5660	11a-6M	Tilt Left	0mm	F.94	100.00%	14.43	14.50	0.342	**0.35**	0.094	**0.096**	-0.14
7	Head	WLAN5G	132	5660	11a-6M	Cheek Right	0mm	\	100.00%	14.43	14.50	0.098	**0.10**	0.032	**0.033**	0.1
7	Head	WLAN5G	132	5660	11a-6M	Tilt Right	0mm	\	100.00%	14.43	14.50	0.108	**0.11**	0.032	**0.033**	-0.05
7	Head	WLAN5G	165	5825	11a-6M	Cheek Left	0mm	\	100.00%	14.29	14.50	0.217	**0.23**	0.066	**0.069**	-0.01
7	Head	WLAN5G	165	5825	11a-6M	Tilt Left	0mm	\	100.00%	14.29	14.50	0.258	**0.27**	0.079	**0.083**	0.02
7	Head	WLAN5G	165	5825	11a-6M	Cheek Right	0mm	\	100.00%	14.29	14.50	0.069	**0.07**	0.014	**0.015**	0.07
7	Head	WLAN5G	165	5825	11a-6M	Tilt Right	0mm	\	100.00%	14.29	14.50	0.081	**0.09**	0.026	**0.027**	-0.18
7									100.00%							
7	Body	WLAN5G	40	5200	11a-6M	Front	10mm	\	100.00%	17.85	18.50	0.087	**0.10**	0.034	**0.039**	-0.12
7	Body	WLAN5G	40	5200	11a-6M	Rear	10mm	F.95	100.00%	17.85	18.50	0.352	**0.41**	0.147	**0.171**	0.18
7	Body	WLAN5G	40	5200	11a-6M	Left	10mm	\	100.00%	17.85	18.50	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	40	5200	11a-6M	Right	10mm	\	100.00%	17.85	18.50	0.149	**0.17**	0.063	**0.073**	-0.08
7	Body	WLAN5G	40	5200	11a-6M	Top	10mm	\	100.00%	17.85	18.50	0.092	**0.11**	0.040	**0.046**	-0.16
7	Body	WLAN5G	40	5200	11a-6M	Bottom	10mm	\	100.00%	17.85	18.50	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	64	5320	11a-6M	Front	10mm	\	100.00%	17.46	18.50	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	64	5320	11a-6M	Rear	10mm	\	100.00%	17.46	18.50	0.309	**0.39**	0.131	**0.166**	0.18
7	Body	WLAN5G	64	5320	11a-6M	Left	10mm	\	100.00%	17.46	18.50	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	64	5320	11a-6M	Right	10mm	\	100.00%	17.46	18.50	0.150	**0.19**	0.062	**0.079**	-0.08
7	Body	WLAN5G	64	5320	11a-6M	Top	10mm	\	100.00%	17.46	18.50	0.216	**0.27**	0.081	**0.103**	0.04
7	Body	WLAN5G	64	5320	11a-6M	Bottom	10mm	\	100.00%	17.46	18.50	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	132	5660	11a-6M	Front	10mm	\	100.00%	17.89	18.50	0.115	**0.13**	0.049	**0.056**	-0.07
7	Body	WLAN5G	132	5660	11a-6M	Rear	10mm	\	100.00%	17.89	18.50	0.322	**0.37**	0.135	**0.155**	0.13
7	Body	WLAN5G	132	5660	11a-6M	Left	10mm	\	100.00%	17.89	18.50	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	132	5660	11a-6M	Right	10mm	\	100.00%	17.89	18.50	0.265	**0.30**	0.112	**0.129**	-0.07
7	Body	WLAN5G	132	5660	11a-6M	Top	10mm	\	100.00%	17.89	18.50	0.218	**0.25**	0.088	**0.101**	0.11
7	Body	WLAN5G	132	5660	11a-6M	Bottom	10mm	\	100.00%	17.89	18.50	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	165	5825	11a-6M	Front	10mm	\	100.00%	17.23	18.50	0.085	**0.11**	0.033	**0.044**	-0.12
7	Body	WLAN5G	165	5825	11a-6M	Rear	10mm	\	100.00%	17.23	18.50	0.177	**0.24**	0.074	**0.099**	-0.08
7	Body	WLAN5G	165	5825	11a-6M	Left	10mm	\	100.00%	17.23	18.50	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	165	5825	11a-6M	Right	10mm	\	100.00%	17.23	18.50	0.109	**0.15**	0.047	**0.063**	-0.16
7	Body	WLAN5G	165	5825	11a-6M	Top	10mm	\	100.00%	17.23	18.50	0.113	**0.15**	0.045	**0.060**	0
7	Body	WLAN5G	165	5825	11a-6M	Bottom	10mm	\	100.00%	17.23	18.50	<0.01	**<0.01**	<0.01	<0.01	\

WIFI5G(WWAN+WIFI)

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
7	Head	WLAN5G	40	5200	11a-6M	Cheek Left	0mm	\	100.00%	10.30	10.50	0.046	**0.05**	0.017	**0.018**	0.06
7	Head	WLAN5G	40	5200	11a-6M	Tilt Left	0mm	\	100.00%	10.30	10.50	0.055	**0.06**	0.017	**0.018**	0.15
7	Head	WLAN5G	40	5200	11a-6M	Cheek Right	0mm	\	100.00%	10.30	10.50	<0.01	**<0.01**	<0.01	<0.01	\
7	Head	WLAN5G	40	5200	11a-6M	Tilt Right	0mm	\	100.00%	10.30	10.50	0.041	**0.04**	0.013	**0.014**	-0.06
7	Head	WLAN5G	64	5320	11a-6M	Cheek Left	0mm	\	100.00%	10.40	10.50	0.056	**0.06**	0.017	**0.017**	-0.15
7	Head	WLAN5G	64	5320	11a-6M	Tilt Left	0mm	\	100.00%	10.40	10.50	0.058	**0.06**	0.017	**0.017**	-0.03
7	Head	WLAN5G	64	5320	11a-6M	Cheek Right	0mm	\	100.00%	10.40	10.50	0.036	**0.04**	0.012	**0.012**	0.1
7	Head	WLAN5G	64	5320	11a-6M	Tilt Right	0mm	\	100.00%	10.40	10.50	0.041	**0.04**	0.014	**0.014**	-0.05
7	Head	WLAN5G	132	5660	11a-6M	Cheek Left	0mm	\	100.00%	10.36	10.50	0.108	**0.11**	0.031	**0.032**	-0.03
7	Head	WLAN5G	132	5660	11a-6M	Tilt Left	0mm	\	100.00%	10.36	10.50	0.130	**0.13**	0.034	**0.035**	0.15
7	Head	WLAN5G	132	5660	11a-6M	Cheek Right	0mm	\	100.00%	10.36	10.50	0.037	**0.04**	0.011	**0.011**	0.09
7	Head	WLAN5G	132	5660	11a-6M	Tilt Right	0mm	\	100.00%	10.36	10.50	0.041	**0.04**	0.011	**0.011**	-0.02
7	Head	WLAN5G	165	5825	11a-6M	Cheek Left	0mm	\	100.00%	10.39	10.50	0.083	**0.09**	0.024	**0.025**	0.08
7	Head	WLAN5G	165	5825	11a-6M	Tilt Left	0mm	\	100.00%	10.39	10.50	0.099	**0.10**	0.029	**0.030**	0
7	Head	WLAN5G	165	5825	11a-6M	Cheek Right	0mm	\	100.00%	10.39	10.50	<0.01	**<0.01**	<0.01	<0.01	\
7	Head	WLAN5G	165	5825	11a-6M	Tilt Right	0mm	\	100.00%	10.39	10.50	<0.01	**<0.01**	<0.01	<0.01	\
7																
7	Body	WLAN5G	40	5200	11a-6M	Front	10mm	\	100.00%	13.59	14.00	0.029	**0.03**	0.011	**0.012**	-0.02
7	Body	WLAN5G	40	5200	11a-6M	Rear	10mm	\	100.00%	13.59	14.00	0.118	**0.13**	0.048	**0.053**	0.1
7	Body	WLAN5G	40	5200	11a-6M	Left	10mm	\	100.00%	13.59	14.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	40	5200	11a-6M	Right	10mm	\	100.00%	13.59	14.00	0.050	**0.05**	0.021	**0.023**	0.04
7	Body	WLAN5G	40	5200	11a-6M	Top	10mm	\	100.00%	13.59	14.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	40	5200	11a-6M	Bottom	10mm	\	100.00%	13.59	14.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	64	5320	11a-6M	Front	10mm	\	100.00%	13.59	14.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	64	5320	11a-6M	Rear	10mm	\	100.00%	13.59	14.00	0.104	**0.11**	0.042	**0.046**	-0.18
7	Body	WLAN5G	64	5320	11a-6M	Left	10mm	\	100.00%	13.59	14.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	64	5320	11a-6M	Right	10mm	\	100.00%	13.59	14.00	0.050	**0.05**	0.021	**0.023**	-0.07
7	Body	WLAN5G	64	5320	11a-6M	Top	10mm	\	100.00%	13.59	14.00	0.072	**0.08**	0.026	**0.029**	-0.14
7	Body	WLAN5G	64	5320	11a-6M	Bottom	10mm	\	100.00%	13.59	14.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	132	5660	11a-6M	Front	10mm	\	100.00%	13.65	14.00	0.039	**0.04**	0.016	**0.017**	-0.07
7	Body	WLAN5G	132	5660	11a-6M	Rear	10mm	\	100.00%	13.65	14.00	0.108	**0.12**	0.045	**0.049**	0.1
7	Body	WLAN5G	132	5660	11a-6M	Left	10mm	\	100.00%	13.65	14.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	132	5660	11a-6M	Right	10mm	\	100.00%	13.65	14.00	0.089	**0.10**	0.037	**0.040**	0.05
7	Body	WLAN5G	132	5660	11a-6M	Top	10mm	\	100.00%	13.65	14.00	0.074	**0.08**	0.029	**0.031**	0.18
7	Body	WLAN5G	132	5660	11a-6M	Bottom	10mm	\	100.00%	13.65	14.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	165	5825	11a-6M	Front	10mm	\	100.00%	13.68	14.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	165	5825	11a-6M	Rear	10mm	\	100.00%	13.68	14.00	0.060	**0.06**	0.024	**0.026**	0.12
7	Body	WLAN5G	165	5825	11a-6M	Left	10mm	\	100.00%	13.68	14.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	WLAN5G	165	5825	11a-6M	Right	10mm	\	100.00%	13.68	14.00	0.036	**0.04**	0.016	**0.017**	0.02
7	Body	WLAN5G	165	5825	11a-6M	Top	10mm	\	100.00%	13.68	14.00	0.039	**0.04**	0.015	**0.016**	0.04
7	Body	WLAN5G	165	5825	11a-6M	Bottom	10mm	\	100.00%	13.68	14.00	<0.01	**<0.01**	<0.01	<0.01	\
7																
7	Body	WLAN5G	40	5200	11a-6M	Front	15mm	\	100.00%	11.19	11.50	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN5G	40	5200	11a-6M	Rear	15mm	\	100.00%	11.19	11.50	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN5G	64	5320	11a-6M	Front	15mm	\	100.00%	11.24	11.50	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN5G	64	5320	11a-6M	Rear	15mm	\	100.00%	11.24	11.50	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN5G	132	5660	11a-6M	Front	15mm	\	100.00%	11.27	11.50	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN5G	132	5660	11a-6M	Rear	15mm	\	100.00%	11.27	11.50	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN5G	165	5825	11a-6M	Front	15mm	\	100.00%	11.29	11.50	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN5G	165	5825	11a-6M	Rear	15mm	\	100.00%	11.29	11.50	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN5G	165	5825	11a-6M	Rear	15mm	\	100.00%	11.29	11.50	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN5G	165	5825	11a-6M	Rear	15mm	\	100.00%	11.29	11.50	<0.01	<0.01	<0.01	<0.01	\

14.5 SAR results for BT/NFC

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
7	Head	BT	78	2480	GFSM	Cheek Left	0mm	\	100.00%	8.54	9.00	0.052	**0.06**	0.021	**0.023**	-0.12
7	Head	BT	78	2480	GFSM	Tilt Left	0mm	F.96	100.00%	8.54	9.00	0.058	**0.06**	0.023	**0.026**	0.09
7	Head	BT	78	2480	GFSM	Cheek Right	0mm	\	100.00%	8.54	9.00	0.025	**0.03**	0.011	**0.012**	0.15
7	Head	BT	78	2480	GFSM	Tilt Right	0mm	\	100.00%	8.54	9.00	0.023	**0.03**	0.010	**0.011**	-0.07
7																
7	Body	BT	78	2480	GFSM	Front	10mm	\	100.00%	8.54	9.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	BT	78	2480	GFSM	Rear	10mm	\	100.00%	8.54	9.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	BT	78	2480	GFSM	Left	10mm	\	100.00%	8.54	9.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	BT	78	2480	GFSM	Right	10mm	\	100.00%	8.54	9.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	BT	78	2480	GFSM	Top	10mm	\	100.00%	8.54	9.00	<0.01	**<0.01**	<0.01	<0.01	\
7	Body	BT	78	2480	GFSM	Bottom	10mm	\	100.00%	8.54	9.00	<0.01	**<0.01**	<0.01	<0.01	\

RF Exposure Conditions	Frequency Band	Frequency (MHz)	Test setup	Distance	Figure No.	Measured SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Power Drift
Head	NFC	13.56	Cheek Left	0mm	\	<0.01	<0.01	\
Head	NFC	13.56	Tilt Left	0mm	\	<0.01	<0.01	\
Head	NFC	13.56	Cheek Right	0mm	\	<0.01	<0.01	\
Head	NFC	13.56	Tilt Right	0mm	\	<0.01	<0.01	\
Body	NFC	13.56	Front	10mm	\	<0.01	<0.01	\
Body	NFC	13.56	Rear	10mm	\	<0.01	<0.01	\
Body	NFC	13.56	Left	10mm	\	<0.01	<0.01	\
Body	NFC	13.56	Right	10mm	\	<0.01	<0.01	\
Body	NFC	13.56	Top	10mm	\	<0.01	<0.01	\
Body	NFC	13.56	Bottom	10mm	\	<0.01	<0.01	\

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

RF Exposure Conditions	Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Hightest Measured SAR(W/kg)	First Repeated SAR(W/kg)	The Ratio	Second Repeated SAR(W/kg)
Head	GSM850	190	836.6	GPRS(3TX)	Tilt Left	0mm	0.803	0.795	1.01	\
Head	GSM850	251	848.8	GPRS(3TX)	Tilt Right	0mm	0.851	0.781	1.09	\
Head	GSM850	190	836.6	GPRS(3TX)	Tilt Right	0mm	0.886	0.852	1.04	\
Head	GSM850	128	824.2	GPRS(3TX)	Tilt Right	0mm	0.807	0.714	1.13	\
Head	GSM850	190	836.6	GPRS(3TX)	Tilt Right	0mm	0.814	0.806	1.01	\
Body	N48	641666	3624.99	DFT-s-OFDM QPSK	Rear	10mm	0.805	0.732	1.1	\
Body	N48	641666	3624.99	DFT-s-OFDM QPSK	Right	10mm	0.869	0.776	1.12	\
Head	WLAN2.4G	6	2437	11b	Cheek Left	0mm	1.040	0.937	1.11	\
Head	WLAN2.4G	6	2437	11b	Tilt Left	0mm	0.877	0.812	1.08	\

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	January 10, 2023	One year
02	Power sensor	NRP110T	101139	January 13, 2023	One year
03	Power sensor	NRP110T	101159	January 13, 2023	One year
04	Signal Generator	E4438C	MY49071430	January 19, 2023	One year
05	Amplifier	60S1G4	0331848	No Calibration Requested	
06	BTS	CMW500	159890	January 12, 2023	One year
08	DAE	SPEAG DAE4	777	January 11, 2023	One year
09	E-field Probe	SPEAG EX3DV4	7307	June 21 2023	One year
10	E-field Probe	SPEAG EX3DV4	3846	May 31,2023	One year
11	Dipole Validation Kit	SPEAG CLA13	1009	May 19,2023	One year
12	Dipole Validation Kit	SPEAG D750V3	1196	May 24,2023	One year
13	Dipole Validation Kit	SPEAG D835V2	4d260	May 23,2023	One year
14	Dipole Validation Kit	SPEAG D1750V2	1003	July 12 2023	One year
15	Dipole Validation Kit	SPEAG D1900V2	5d234	May 22,2023	One year
16	Dipole Validation Kit	SPEAG D2300V2	1018	July 11 2023	One year
17	Dipole Validation Kit	SPEAG D2450V2	853	July 11 2023	One year
18	Dipole Validation Kit	SPEAG D2600V2	1012	July 11 2023	One year
19	Dipole Validation Kit	SPEAG D3300V2	1011	June 21,2023	One year
20	Dipole Validation Kit	SPEAG D3500V2	1016	June 21,2023	One year
21	Dipole Validation Kit	SPEAG D3700V2	1004	June 21,2023	One year
22	Dipole Validation Kit	SPEAG D3900V2	1024	June 21,2023	One year
23	Dipole Validation Kit	SPEAG D4200V2	1010	June 21,2023	One year
24	Dipole Validation Kit	SPEAG D5GHzV2	1060	June 19,2023	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 G-Sensor Triggering Data Summary

ANNEX J Accreditation Certificate