



SAR TEST REPORT

No. I22Z70331-SEM01

For

SAMSUNG Electronics Co., Ltd.

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

Model Name: SM-A146U

with

Hardware Version: REV1.0

Software Version: A146U.001

FCC ID: ZCasma146U

Issued Date: 2022-11-22

Note:

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REPORT HISTORY

Report Number	Revision	Issue Date	Description
I22Z70331-SEM01	Rev.0	2022-11-07	Initial creation of test report
I22Z70331-SEM01	Rev.1	2022-11-18	Update the information on section 2. Update the information on section 4.1. Update the information for duty cycle on page 229.
I22Z70331-SEM01	Rev.2	2022-11-22	Update the information on section 4.1. Update the information for DLCA on page 181/182.

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1 Test Laboratory

1.1 Testing Location

Company Name:	CTTL
Address:	No. 52, Huayuan North Road, Haidian District, Beijing, P. R. China

1.2 Testing Environment

Temperature:	18°C~25°C,
Relative humidity:	30%~ 70%
Ground system resistance:	< 0.5 Ω
Ambient noise & Reflection:	< 0.012 W/kg

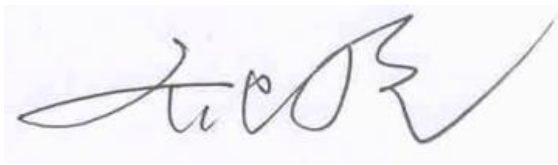
1.3 Project Data

Project Leader:	Qi Dianyuan
Test Engineer:	Yao Juming
Testing Start Date:	September 25, 2022
Testing End Date:	November 1, 2022

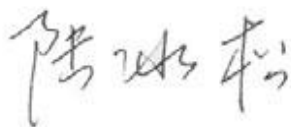
1.4 Signature



Yao Juming
(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 SAMSUNG Electronics Co., Ltd. Multi-band GSM/WCDMA/LTE/5GNR Phone with Bluetooth,WLAN SM-A146U is as follows:

Table 2.1: Highest Reported SAR (1g)

Technology Band	Head	Body	Equipment Class
GSM850-ANT0	0.42	0.66	PCE
GSM1900-ANT1	0.16	0.53	PCE
WCDMA1900-ANT4	0.99	0.77	PCE
WCDMA1700-ANT4	0.99	0.68	PCE
WCDMA 850-ANT0	0.36	1.00	PCE
LTE Band2-ANT1	0.32	0.85	PCE
LTE Band2-ANT4	0.97	0.99	PCE
LTE Band4-ANT1	0.34	0.47	PCE
LTE Band4-ANT4	0.80	0.99	PCE
LTE Band5-ANT0	0.35	0.93	PCE
LTE Band7-ANT0	0.08	0.99	PCE
LTE Band7-ANT4	0.44	0.76	PCE
LTE Band12-ANT0	0.24	0.34	PCE
LTE Band13-ANT0	0.33	0.64	PCE
LTE Band14-ANT0	0.35	0.67	PCE
LTE Band25-ANT1	0.40	0.84	PCE
LTE Band25-ANT4	0.98	0.82	PCE
LTE Band26-ANT0	0.35	0.90	PCE
LTE Band30-ANT0	0.03	0.84	PCE
LTE Band30-ANT4	1.00	0.72	PCE
LTE Band38-ANT4	0.98	0.75	PCE
LTE Band41-PC3 ANT4	0.96	0.72	PCE
LTE Band41-PC2 ANT4	0.58	0.77	PCE
LTE Band48-ANT5	0.98	0.75	CBE
LTE Band66-ANT1	0.35	1.00	PCE
LTE Band66-ANT4	0.98	0.86	PCE
LTE Band71-ANT0	0.26	0.44	PCE
5G NR n2 ANT1	0.29	0.81	PCE
5G NR n2 ANT4	1.00	0.88	PCE
5G NR n5 ANT0	0.34	0.67	PCE
5G NR n25 ANT1	0.25	0.74	PCE
5G NR n25 ANT4	0.98	0.83	PCE
5G NR n41 ANT4	0.88	0.89	PCE
5G NR n48 ANT5	0.99	0.81	PCE
5G NR n66 ANT1	0.37	0.62	PCE
5G NR n66 ANT4	0.95	0.83	PCE
5G NR n71 ANT0	0.29	0.49	PCE
5G NR n77L ANT5	0.94	1.00	PCE

5G NR n77H ANT5	0.94	0.80	PCE
5G NR n78L ANT5	0.95	0.99	PCE
5G NR n78H ANT5	0.97	0.88	PCE
WLAN 2.4GHz ANT6	0.31	0.48	DTS
WLAN 5GHz ANT6	0.35	0.55	NII
Bluetooth ANT6	0.02	0.01	DSS

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 14/15/17/19/20/21/22/23/27mm 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: 1.00 W/kg(1g)

Body: 1.00 W/kg(1g) (10mm)

Table 2.2: The sum of SAR values for Main antenna + Wifi2.4G

	Position	Main antenna	WiFi-2.4G	Sum
Highest SAR value for Body	Rear 10mm (ENDC 2A_n71A)	1.11	0.48	1.59
	Rear 10mm (ENDC 13A_n78A)	1.11	0.48	1.59

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.

According to the above tables, the highest sum of reported SAR values is **1.59 W/kg (1g)**. The detail for simultaneous transmission consideration is described in chapter 13.

Table 2.3: The SAR sensor trigger diagram

W2-NA	ANT0	ANT1	ANT4	ANT5	ANT6
Front Side	18	16	18	24	24
Back Side	21	20	24	28	28
Left Side	/	15	18	/	/
Top Side	/	/	23	28	28
Bottom Side	22	16	/	/	/

3 Client Information

3.1 Applicant Information

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

3.2 Manufacturer Information

Company Name:	Samsung Electronics Co., Ltd.
Address/Post:	Samsung R5, Maetan dong 129, Samsung ro Youngtong gu, Suwon city 443 742, Korea
Contact Person:	조성훈 (Sunghoon Cho)
Contact Email:	ggobi.cho@samsung.com
Telephone:	+82-10-2722-4159
Fax:	/

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

4.1 About EUT

Description:	Multi-band GSM/WCDMA/LTE/5GNR Phone with Bluetooth,WLAN
Model name:	SM-A146U
Operating mode(s):	GSM850/1900, WCDMA B2/B4/B5 LTE Band2/4/5/7/12/13/14/25/26/30/38/41/48/66/71 5G NR n2/5/25/41/48/66/71/77/78 BT, Wi-Fi(2.4G/5G)
Tested Tx Frequency:	824 – 849 MHz (GSM 850)
	1850 – 1910 MHz (GSM 1900)
	824 – 849 MHz (WCDMA 850 Band V)
	1710 – 1755 MHz (WCDMA 1700 Band IV)
	1850–1910 MHz (WCDMA1900 Band II)
	1850.7 – 1909.3 MHz (LTE Band 2)
	1710 – 1755 MHz (LTE Band 4)
	824 – 849 MHz (LTE Band 5)
	2500 – 2570 MHz(LTE Band 7)
	699.7 – 715.3 MHz (LTE Band 12)
	777 – 787 MHz (LTE Band 13)
	788 – 798 MHz (LTE Band 14)
	1850.7–1914.3 MHz (LTE Band 25)
	814.7–848.3 MHz (LTE Band 26)
	814.7–848.3 MHz (LTE Band 30)
	2570 – 2620 MHz (LTE Band 38)
	2498.5 – 2687.5 MHz (LTE Band41)
	3550 – 3700 MHz (LTE Band 48)
	1710.7 –1779.3 MHz (LTE Band 66)
	665.5 –695.5 MHz (LTE Band 71)
	1852.5 – 1912.5 MHz (n2)
	824 – 849 MHz (n5)
	1850 – 1915 MHz(n25)
	2496 – 2690 MHz(n41)
	3550 – 3700 MHz(n48)
	1710 – 1780 MHz(n66)
	665.5 – 695.5 MHz (n71)
	3450 – 3550 MHz (n77L)
	3700 – 3980 MHz (n77H)
	2412 – 2462 MHz (Wi-Fi 2.4G)
	5150-5825 MHz (Wi-Fi 5G)
	2402 – 2480 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	355134280023498	REV1.0	A146U.001
EUT2	355134280023803	REV1.0	A146U.001
EUT3	355134280023605	REV1.0	A146U.001
EUT4	355134280023423	REV1.0	A146U.001
EUT5	355134280020544	REV1.0	A146U.001
EUT6	355134280020536	REV1.0	A146U.001
EUT7	355134280014620	REV1.0	A146U.001

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

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

4.3 Internal Identification of AE used during the test

AE ID*	Description	Model	SN	Manufacturer
AE1	Battery	WT-S-W1	\	SCUD (Fujian) Electronics CO.,LTD

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

5 TEST METHODOLOGY

5.1 Applicable Limit Regulations

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

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

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

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

TCB Workshop Nov 2017: RF Exposure Procedures (Carrier Aggregation SAR)

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

6 Specific Absorption Rate (SAR)

6.1 Introduction

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

6.2 SAR Definition

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

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

SAR is expressed in units of Watts per kilogram (W/kg)

SAR measurement can be either related to the temperature elevation in tissue by

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

Where: C is the specific heat 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

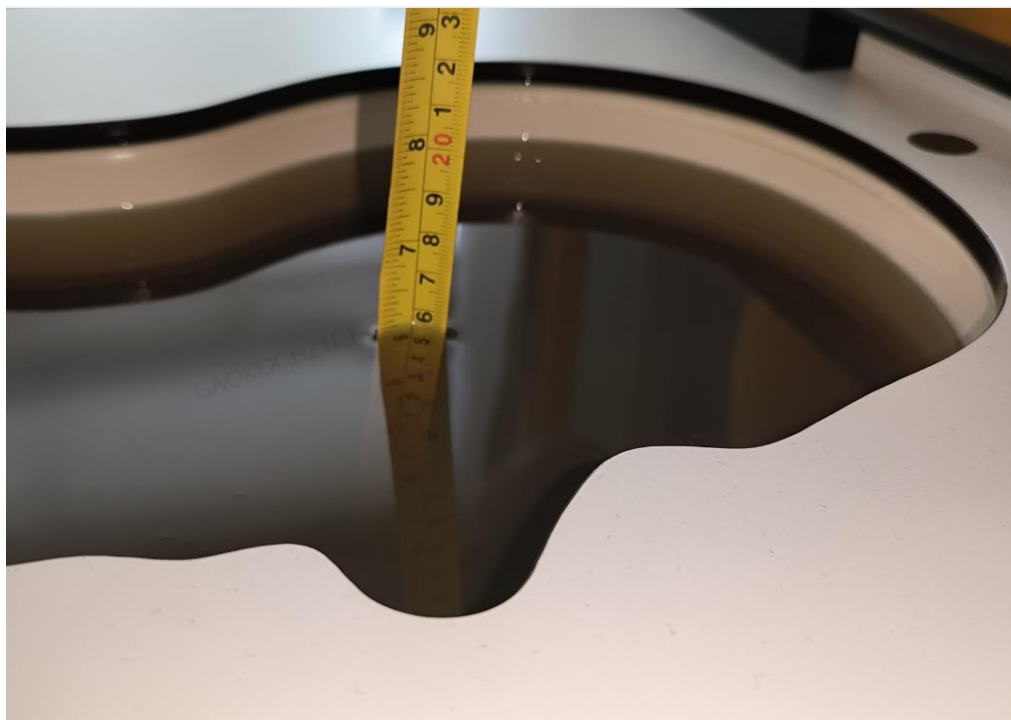
Frequency(MHz)	Liquid Type	Conductivity(σ)	$\pm 10\%$ Range	Permittivity(ϵ)	$\pm 10\%$ Range
750	Head	0.89	0.80~0.98	41.94	37.75~46.13
835	Head	0.90	0.81~0.99	41.5	37.35~45.65
1750	Head	1.40	1.26~1.54	40.0	36~44
1900	Head	1.40	1.26~1.54	40.0	36~44
2450	Head	1.80	1.62~1.98	39.2	35.28~43.12
2600	Head	1.96	1.76~2.16	39.01	35.11~42.91
3700	Head	3.12	2.96~3.28	37.70	35.82~39.59
3900	Head	3.32	3.15~3.49	37.47	35.6~39.34
5250	Head	4.71	4.47~4.95	35.93	34.13~37.73
5600	Head	5.07	4.82~5.32	35.53	33.8~37.3
5750	Head	5.22	4.96~5.48	35.36	33.59~37.13

7.2 Dielectric Performance

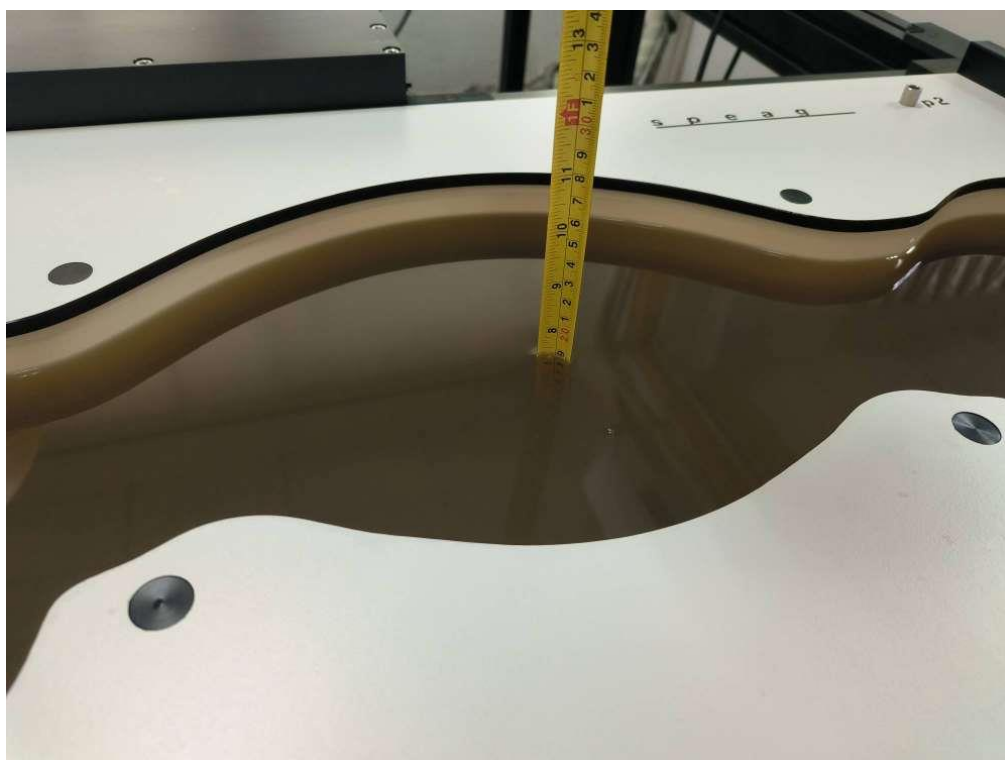
Table 7.3: Dielectric Performance of Tissue Simulating Liquid

Tested Date (yyyy/mm/dd)	Type	Frequency	Permittivity ϵ	Drift (%)	Conductivity σ (S/m)	Drift (%)
2022/9/25	Head	750 MHz	43.29	3.22	0.8557	-3.85
2022/10/2	Head	750 MHz	43.52	3.77	0.8951	0.57
2022/9/26	Head	835 MHz	43.18	4.05	0.9064	0.71
2022/10/3	Head	835 MHz	42.85	3.25	0.8677	-3.59
2022/10/1	Head	1750 MHz	41.6	3.79	1.397	1.97
2022/10/17	Head	1750 MHz	40.89	2.02	1.326	-3.21
2022/10/16	Head	1900 MHz	41.61	4.03	1.46	4.29
2022/10/18	Head	1900 MHz	40.67	1.68	1.364	-2.57
2022/10/29	Head	1900 MHz	39.54	-1.15	1.426	1.86
2022/10/21	Head	2300 MHz	40.7	3.12	1.664	-0.36
2022/10/26	Head	2450 MHz	40.31	2.83	1.847	2.61
2022/10/22	Head	2600 MHz	38.59	-1.08	1.986	1.33
2022/10/23	Head	2600 MHz	40.01	2.56	2.028	3.47
2022/10/24	Head	3300 MHz	39.06	2.36	2.745	1.29
2022/10/24	Head	3500 MHz	38.66	1.92	2.947	1.27
2022/10/15	Head	3500 MHz	38.28	0.92	2.842	-2.34
2022/10/15	Head	3700 MHz	39.03	3.53	3.065	-1.76
2022/10/15	Head	3900 MHz	38.68	3.23	3.25	-2.11
2022/11/1	Head	5250 MHz	35.8	-0.36	4.588	-2.59
2022/11/1	Head	5600 MHz	35.22	-0.87	4.965	-2.07
2022/11/1	Head	5750 MHz	34.01	-3.82	5.08	-2.68

Note: The liquid temperature is 22.0°C



Picture 7-1 Liquid depth in the Head Phantom

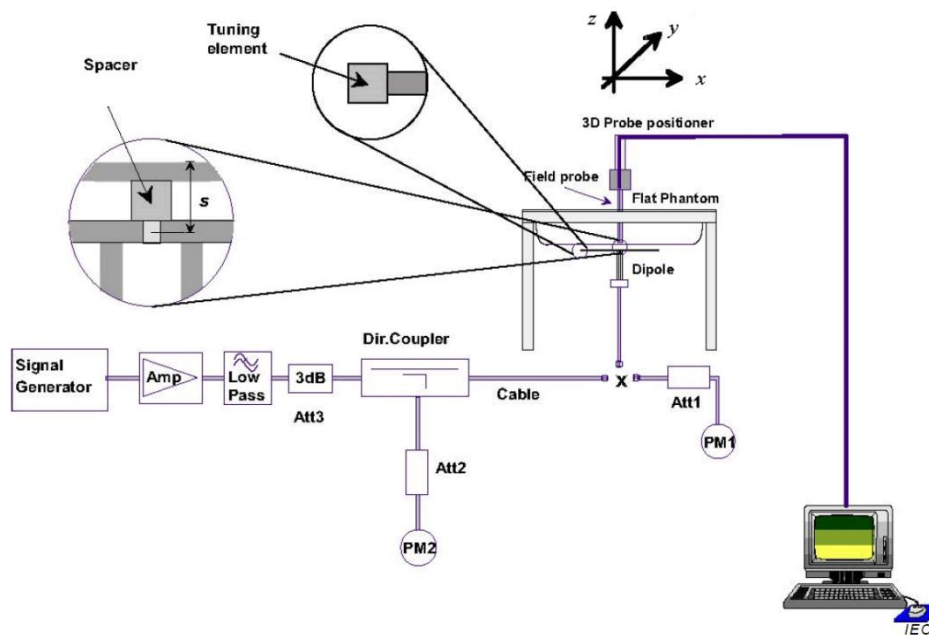


Picture 7-2 Liquid depth in the Flat Phantom

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
2022/9/25	750 MHz	5.64	8.63	5.60	8.48	-0.71%	-1.74%
2022/10/2	750 MHz	5.64	8.63	5.84	8.76	3.55%	1.51%
2022/9/26	835 MHz	6.34	9.73	6.24	9.56	-1.58%	-1.75%
2022/10/3	835 MHz	6.34	9.73	6.36	9.64	0.32%	-0.92%
2022/10/1	1750 MHz	19.3	36.8	19.1	35.9	-0.93%	-2.39%
2022/10/17	1750 MHz	19.3	36.8	18.8	35.6	-2.80%	-3.37%
2022/10/16	1900 MHz	20.7	39.7	20.2	39.4	-2.22%	-0.65%
2022/10/18	1900 MHz	20.7	39.7	20.6	40.0	-0.48%	0.65%
2022/10/29	1900 MHz	20.7	39.7	20.2	39.5	-2.22%	-0.45%
2022/10/21	2300 MHz	24.2	49.6	23.2	48.4	-4.30%	-2.42%
2022/10/26	2450 MHz	24.9	52.7	24.2	52.8	-2.81%	0.19%
2022/10/22	2600 MHz	25.2	55.8	26.0	57.6	3.33%	3.23%
2022/10/23	2600 MHz	25.2	55.8	25.2	56.8	-0.16%	1.79%
2022/10/24	3300 MHz	25.0	65.3	25.5	65.9	2.00%	0.92%
2022/10/24	3500 MHz	25.3	67.5	25.0	66.2	-1.19%	-1.93%
2022/10/15	3500 MHz	25.3	67.5	26.1	67.0	3.16%	-0.74%
2022/10/15	3700 MHz	24.4	67.3	24.0	65.0	-1.64%	-3.42%
2022/10/15	3900 MHz	24.1	69.6	23.8	67.9	-1.24%	-2.44%
2022/11/1	5250 MHz	23.1	80.9	22.4	77.5	-3.03%	-4.20%
2022/11/1	5600 MHz	23.9	84.4	23.2	80.7	-2.93%	-4.38%
2022/11/1	5750 MHz	22.8	81.2	22.2	77.2	-2.63%	-4.93%

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.

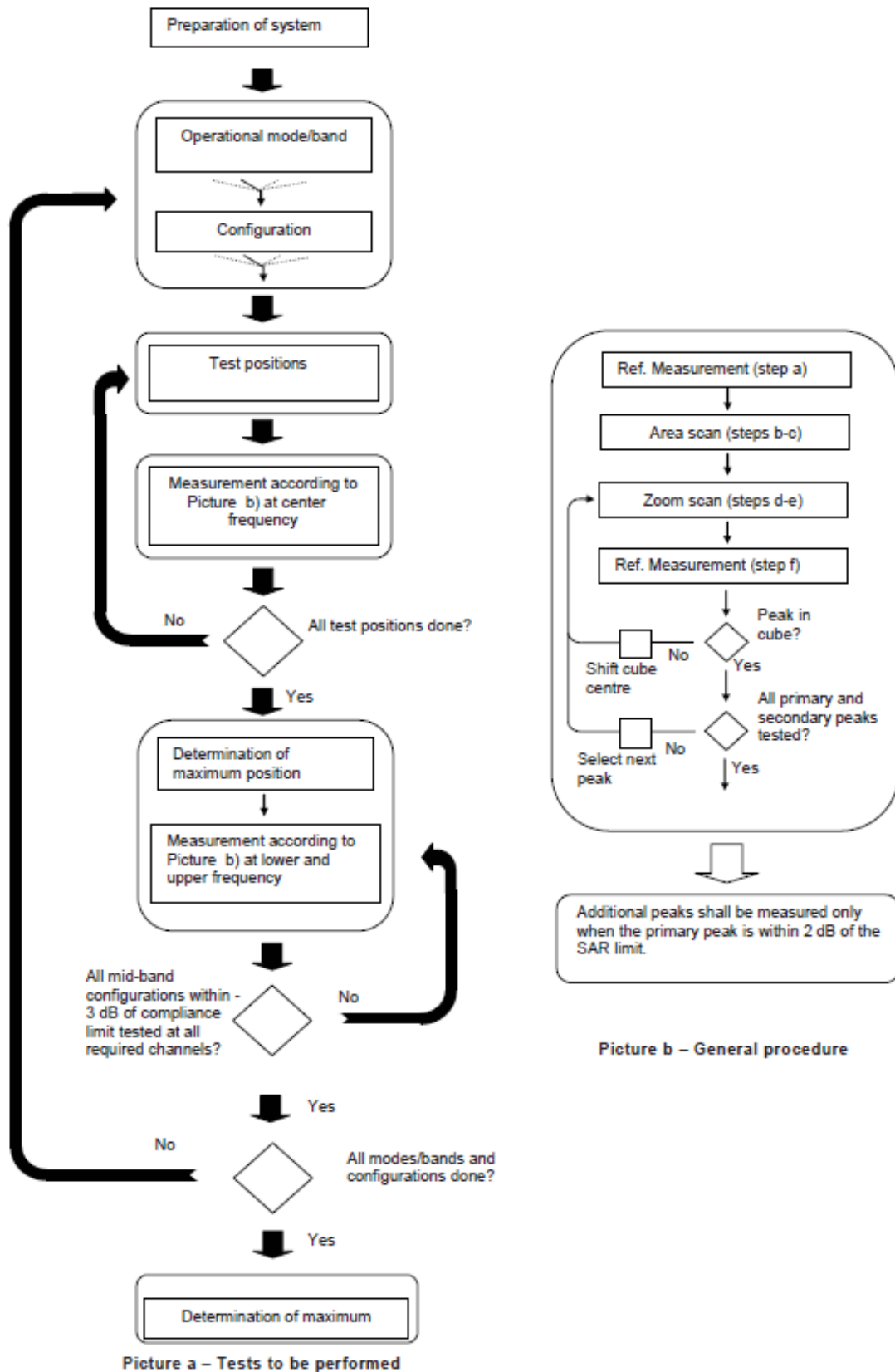
Step 1: The tests described in 9.2 shall be performed at the channel that is closest to the centre of the transmit frequency band (f_c) for:

- 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 within 3 dB of the applicable SAR limit, it is recommended that all other test frequencies shall be tested as well.

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



Picture 9.1Block diagram of the tests to be performed

9.2 General Measurement Procedure

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

			≤ 3 GHz	> 3 GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface			5 ± 1 mm	$\frac{1}{2} \cdot \delta \cdot \ln(2) \pm 0.5$ mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location			$30^\circ \pm 1^\circ$	$20^\circ \pm 1^\circ$
Maximum area scan spatial resolution: Δx_{Area} , Δy_{Area}			≤ 2 GHz: ≤ 15 mm 2 – 3 GHz: ≤ 12 mm	3 – 4 GHz: ≤ 12 mm 4 – 6 GHz: ≤ 10 mm
			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 $\leq$ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	
Maximum zoom scan spatial resolution: Δx_{Zoom} , Δy_{Zoom}			≤ 2 GHz: ≤ 8 mm 2 – 3 GHz: ≤ 5 mm*	3 – 4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{Zoom}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{Zoom}(1)$: between 1 st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{Zoom}(n>1)$: between subsequent points	$\leq 1.5 \cdot \Delta z_{Zoom}(n-1)$	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm
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.				

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	$\beta_{ed1}:47/15$ $\beta_{ed2}:47/15$	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 & Schwarz 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.

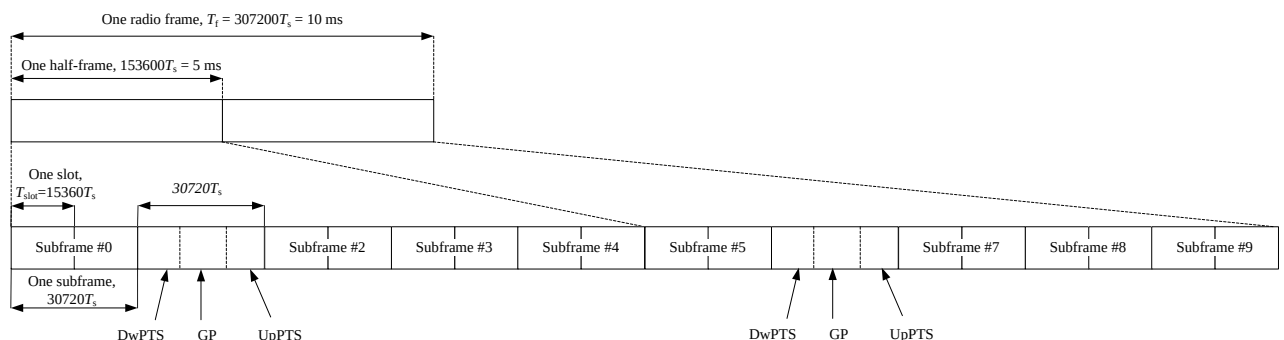


Figure 9.2: Frame structure type 2 (for 5 ms switch-point periodicity)

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	$26336 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$	$7680 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$
5	$6592 \cdot T_s$			$20480 \cdot T_s$		
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:

$$\begin{aligned}
 \text{Duty factor} &= \text{uplink frame} \cdot 6 + \text{UpPTS} \cdot 2 / \text{one frame length} \\
 &= (30720 \cdot T_s \cdot 6 + 5120 \cdot T_s \cdot 2) / 307200 \cdot T_s \\
 &= 0.633
 \end{aligned}$$

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 55 wireless handsets. For the sample size studied, the root-mean-squared errors of the algorithm are 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

Antenna	Receiver on (Standalone)	Receiver off+senosr on (Standalone)	Receiver on (ENDC)	Receiver off+senosr on (ENDC)	Receiver off+senosr off
Main Antenna	DSI1	DSI2	DSI3	DSI4	DSI0

11.1 GSM Measurement result

During the process of testing, the EUT was controlled via Agilent Digital Radio Communication tester (E5515C) to ensure the maximum power transmission and proper modulation. This result contains conducted output power for the EUT. In all cases, the measured peak output power should be greater and within 5% than EMI measurement.

**Table 11.1-1: The conducted power measurement results –GSM850
- DSI0**

GSM 850 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	32.91	32.93	32.28	34.00	/	/	/	/
GSM 850 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	32.93	32.96	32.26	33.50	-9.03	23.90	23.93	23.23
2 Txslots	31.95	31.92	31.18	32.00	-6.02	25.93	25.90	25.16
3 Txslots	29.55	29.69	28.99	30.30	-4.26	25.29	25.43	24.73
4 Txslots	28.15	28.32	27.44	29.00	-3.01	25.14	25.31	24.43
GSM 850 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	32.93	32.99	32.32	33.50	-9.03	23.90	23.96	23.29
2 Txslots	31.97	31.95	31.24	32.00	-6.02	25.95	25.93	25.22
3 Txslots	29.60	29.74	29.08	30.30	-4.26	25.34	25.48	24.82
4 Txslots	28.22	28.40	27.56	29.00	-3.01	25.21	25.39	24.55
GSM 850 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	26.58	26.61	26.60	28.50	-9.03	17.55	17.58	17.57
2 Txslots	25.89	25.56	25.42	27.00	-6.02	19.87	19.54	19.40
3Txslots	23.26	23.25	23.24	25.00	-4.26	19.00	18.99	18.98
4 Txslots	21.93	21.92	21.93	23.50	-3.01	18.92	18.91	18.92

NOTES:

1) Division Factors

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

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

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

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

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

According to the conducted power as above, the body measurements are performed with 2Txslots for GSM850.

**Table 11.1-2: The conducted power measurement results-GSM1900
- DS10**

PCS1900 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	29.23	29.24	29.23	31.50	/	/	/	/
PCS1900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	29.91	29.97	30.01	31.50	-9.03	20.88	20.94	20.98
2 Txslots	28.72	28.78	28.82	29.50	-6.02	22.70	22.76	22.80
3 Txslots	26.27	26.32	26.39	27.50	-4.26	22.01	22.06	22.13
4 Txslots	25.06	25.11	25.16	26.50	-3.01	22.05	22.10	22.15
PCS1900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	30.01	30.04	30.06	31.50	-9.03	20.98	21.01	21.03
2 Txslots	28.81	28.85	28.86	29.50	-6.02	22.79	22.83	22.84
3 Txslots	26.34	26.38	26.43	27.50	-4.26	22.08	22.12	22.17
4 Txslots	25.12	25.17	25.20	26.50	-3.01	22.11	22.16	22.19
PCS1900 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)				calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	25.34	25.42	26.02	27.00	-9.03	16.31	16.39	16.99
2 Txslots	24.18	24.33	24.63	25.50	-6.02	18.16	18.31	18.61
3Txslots	21.95	23.28	22.28	23.50	-4.26	17.69	19.02	18.02
4 Txslots	20.56	20.67	20.96	22.00	-3.01	17.55	17.66	17.95

NOTES:

1) Division Factors

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

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

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

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

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

According to the conducted power as above, the body measurements are performed with 2Txslots for GSM1900.

11.2 WCDMA Measurement result

WCDMA1900(ANT4 DSI 0)

WCDMA1900	FDDII result (dBm)			Tune up
	9538/9938	9400/9800	9262/9662	
	(1907.6MHz)	(1880MHz)	(1852.4MHz)	
	23.85	23.93	23.87	25.00
HSUPA	21.11	21.18	21.19	21.80
	20.6	20.69	20.66	21.80
	20.61	20.67	20.69	21.80
	20.14	20.21	20.18	21.30
	21.61	21.69	21.67	22.80
DC-HSDPA	22.67	22.69	22.68	23.10
	21.66	21.91	21.87	22.80
	22.23	22.27	22.26	22.80
	21.37	21.39	21.42	22.30

WCDMA1900(ANT4 DSI 1)

WCDMA1900	FDDII result (dBm)			Tune up
	9538/9938	9400/9800	9262/9662	
	(1907.6MHz)	(1880MHz)	(1852.4MHz)	
	15.35	15.43	15.48	16.50
HSUPA	12.52	12.57	12.57	14.30
	12.22	12.28	12.26	13.80
	12.23	12.26	12.28	13.80
	11.95	11.99	11.97	13.30
	12.82	12.87	12.86	14.30
DC-HSDPA	13.45	13.46	13.46	14.80
	12.85	13.00	12.98	14.30
	13.19	13.21	13.21	14.80
	12.68	12.69	12.71	14.30

WCDMA1900(ANT4 DSI 2)

WCDMA1900	FDDII result (dBm)			Tune up
	9538/9938	9400/9800	9262/9662	
	(1907.6MHz)	(1880MHz)	(1852.4MHz)	
	16.85	16.91	16.96	18.50
HSUPA	14.63	14.68	14.68	15.80
	14.28	14.34	14.32	15.30
	14.28	14.32	14.34	15.30
	13.96	14.01	13.98	15.30
	14.98	15.03	15.02	16.30
DC-HSDPA	15.71	15.72	15.72	16.80
	15.01	15.18	15.16	16.30
	15.41	15.43	15.43	16.30
	14.81	14.82	14.84	15.80

WCDMA17900(ANT4 DSI 0)

WCDMA1700	FDDIV result (dBm)			Tune up
	1513/1738	1412/1637	1312/1537	
	(1752.6MHz)	(1732.4MHz)	(1712.4MHz)	
	24.05	23.94	23.92	25.00
HSUPA	21.17	21.11	21.03	21.80
	20.68	20.61	20.52	21.80
	20.71	21.64	20.53	21.80
	20.19	20.13	20.04	21.30
	21.68	21.63	21.51	22.80
DC-HSDPA	22.65	22.62	22.54	23.30
	21.78	21.76	21.68	22.80
	22.24	22.21	22.07	22.60
	21.39	21.34	21.25	22.30

WCDMA1700(ANT4 DSI 1)

WCDMA1700	FDDIV result (dBm)			Tune up
	1513/1738	1412/1637	1312/1537	
	(1752.6MHz)	(1732.4MHz)	(1712.4MHz)	
	16.81	16.74	16.63	18.00
HSUPA	13.84	13.80	13.75	15.30
	13.52	13.48	13.42	14.80
	13.54	14.15	13.42	15.30
	13.2	13.16	13.10	14.30
	14.18	14.14	14.06	15.30
DC-HSDPA	14.81	14.79	14.74	16.00

	14.24	14.23	14.18	15.50
	14.54	14.52	14.43	15.80
	13.99	13.95	13.89	15.30

WCDMA1700(ANT4 DSI 2)

WCDMA1700	FDDIV result (dBm)			Tune up
	1513/1738 (1752.6MHz)	1412/1637 (1732.4MHz)	1312/1537 (1712.4MHz)	
	18.83	18.85	18.68	
HSUPA	16.53	16.49	16.42	17.80
	16.15	16.10	16.03	17.30
	16.17	16.90	16.03	18.30
	15.77	15.72	15.65	16.80
	16.93	16.89	16.80	18.30
DC-HSDPA	17.69	17.67	17.60	18.80
	17.01	16.99	16.93	18.30
	17.37	17.35	17.24	18.30
	16.71	16.67	16.60	17.80

WCDMA850(ANT0 DSI 0)

WCDMA850	FDDV result (dBm)			Tune up
	4233/4458 (846.6MHz)	4183/4408 (836.6MHz)	4132/4357 (826.4MHz)	
	23.75	24.01	24.13	
HSUPA	21.33	21.43	21.02	22.30
	20.79	20.89	20.98	22.30
	20.81	20.92	21.04	22.30
	20.35	20.42	20.54	21.80
	21.78	21.92	21.99	23.30
DC-HSDPA	22.64	22.75	22.85	23.30
	22.54	22.63	22.82	23.30
	22.21	22.27	22.36	23.30
	22.13	22.21	22.34	23.30

11.3 LTE Measurement result

Maximum Target Power for Production Unit

Tune up (dBm)					
BAND	DSI1	DSI2	DSI3	DSI4	DSI0
LTE B2 ANT4	17.8	21.8	15.5	20	25.5
LTE B2 ANT1	/	24.5	/	22	25.5
LTE B4 ANT4	19	23.1	/	/	25.5
LTE B4 ANT1	/	22.5	/	19.5	25.5
LTE B5 ANT0	/	/	/	22.5	25.5
LTE B7 ANT0	/	19.2	/	17	24.5
LTE B7 ANT4	/	/	15.5	17	24.5
LTE B12 ANT0	/	/	/	/	25.5
LTE B13 ANT0	/	/	/	/	25.5
LTE B14 ANT0	/	/	/	/	25.5
LTE B25 ANT4	17.5	20.5	/	/	25.5
LTE B25 ANT1	/	24.5	/	22.5	25.5
LTE B26 ANT0	/	/	/	/	25.5
LTE B30 ANT4	17.8	20	15	17.8	25.5
LTE B30 ANT0	/	23	/	20	25.5
LTE B38 ANT4	22.1	22.1	/	/	24.5
LTE B41 PC2 ANT4	22	24	/	/	27.5
LTE B41 PC3 ANT4	21	21	/	/	24.5
LTE B48 ANT5	19	21.5	15.5	19	25
LTE B66 ANT4	19	22.5	16	18.5	25.5
LTE B66 ANT1	/	24.5	/	22.5	25.5
LTE B71 ANT0	/	/	/	/	25.5

Maximum Power Reduction (MPR) – DSI0

Modulation	Channel bandwidth / Transmission bandwidth configuration [RB]						SET2	SET1
	1.4MHz	3.0MHz	5MHz	10MHz	15MHz	20MHz	MPR (dB)	MPR (dB)
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	1	1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	1	1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	2	2
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	2	2
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	3	3

Maximum Power Reduction (MPR) – DSI1/2/3/4

Modulation	Channel bandwidth / Transmission bandwidth configuration [RB]						SET2	SET1
	1.4MHz	3.0MHz	5MHz	10MHz	15MHz	20MHz	MPR (dB)	MPR (dB)
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	0	0
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	0	0
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	1	0
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	1	0
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	2	0

Maximum Power Reduction (MPR) – LTE B2/25/66 ANT1

Modulation	Channel bandwidth / Transmission bandwidth configuration [RB]						SET2	SET1
	1.4MHz	3.0MHz	5MHz	10MHz	15MHz	20MHz	MPR (dB)	MPR (dB)
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	0	0.5
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	0	0.5
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	1	1.5
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	1	1
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	2	2.5

LTE B2(ANT4 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	24.67	23.89	22.80
		1880 (18900)	24.69	23.87	22.79
		1850.7 (18607)	24.56	23.81	22.73
	1RB-Middle (3)	1909.3 (19193)	24.66	23.79	22.77
		1880 (18900)	24.64	23.85	22.75
		1850.7 (18607)	24.57	23.77	22.73
	1RB-Low (0)	1909.3 (19193)	24.65	23.88	22.80
		1880 (18900)	24.65	23.84	22.83
		1850.7 (18607)	24.56	23.71	22.69
	3RB-High (3)	1909.3 (19193)	24.67	23.60	22.72
		1880 (18900)	24.67	23.58	22.72
		1850.7 (18607)	24.56	23.56	22.65
	3RB-Middle (1)	1909.3 (19193)	24.65	23.61	22.75
		1880 (18900)	24.66	23.69	22.75
		1850.7 (18607)	24.55	23.57	22.65
	3RB-Low (0)	1909.3 (19193)	24.66	23.67	22.78
		1880 (18900)	24.69	23.56	22.70
		1850.7 (18607)	24.58	23.54	22.63
	6RB (0)	1909.3 (19193)	23.67	22.74	21.61
		1880 (18900)	23.67	22.71	21.61
		1850.7 (18607)	23.58	22.59	21.48
3MHz	1RB-High (14)	1908.5 (19185)	24.64	23.82	22.86
		1880 (18900)	24.67	23.91	22.79
		1851.5 (18615)	24.61	23.70	22.70
	1RB-Middle (7)	1908.5 (19185)	24.66	23.81	22.72
		1880 (18900)	24.70	23.88	22.80
		1851.5 (18615)	24.62	23.75	22.72
	1RB-Low (0)	1908.5 (19185)	24.60	23.87	22.67
		1880 (18900)	24.66	23.88	22.73
		1851.5 (18615)	24.55	23.74	22.64
	8RB-High (7)	1908.5 (19185)	23.64	22.66	21.61
		1880 (18900)	23.59	22.68	21.63
		1851.5 (18615)	23.55	22.63	21.54
	8RB-Middle (4)	1908.5 (19185)	23.58	22.69	21.63
		1880 (18900)	23.62	22.66	21.59
		1851.5 (18615)	23.57	22.66	21.57
	8RB-Low (0)	1908.5 (19185)	23.62	22.64	21.60
		1880 (18900)	23.67	22.71	21.65
		1851.5 (18615)	23.52	22.58	21.55
	15RB (0)	1908.5 (19185)	23.61	22.65	21.59
		1880 (18900)	23.62	22.62	21.64
		1851.5 (18615)	23.60	22.62	21.54

5MHz	1RB-High (24)	1907.5 (19175)	24.72	23.85	22.81
		1880 (18900)	24.72	23.83	22.83
		1852.5 (18625)	24.63	23.87	22.70
	1RB-Middle (12)	1907.5 (19175)	24.65	23.80	22.75
		1880 (18900)	24.76	23.86	22.84
		1852.5 (18625)	24.68	23.85	22.77
	1RB-Low (0)	1907.5 (19175)	24.66	23.90	22.69
		1880 (18900)	24.69	23.96	22.81
		1852.5 (18625)	24.62	23.80	22.74
	12RB-High (13)	1907.5 (19175)	23.61	22.58	21.55
		1880 (18900)	23.66	22.62	21.65
		1852.5 (18625)	23.62	22.55	21.58
	12RB-Middle (6)	1907.5 (19175)	23.66	22.62	21.60
		1880 (18900)	23.64	22.65	21.65
		1852.5 (18625)	23.61	22.64	21.64
	12RB-Low (0)	1907.5 (19175)	23.69	22.64	21.64
		1880 (18900)	23.72	22.69	21.70
		1852.5 (18625)	23.59	22.62	21.64
	25RB (0)	1907.5 (19175)	23.63	22.63	21.60
		1880 (18900)	23.69	22.70	21.67
		1852.5 (18625)	23.60	22.58	21.58
10MHz	1RB-High (49)	1905 (19150)	24.67	23.90	22.79
		1880 (18900)	24.72	23.91	22.83
		1855 (18650)	24.61	23.73	22.69
	1RB-Middle (24)	1905 (19150)	24.66	23.84	22.74
		1880 (18900)	24.71	23.92	22.74
		1855 (18650)	24.64	23.70	22.65
	1RB-Low (0)	1905 (19150)	24.73	23.85	22.88
		1880 (18900)	24.68	23.81	22.69
		1855 (18650)	24.60	23.86	22.64
	25RB-High (25)	1905 (19150)	23.58	22.57	21.55
		1880 (18900)	23.65	22.65	21.62
		1855 (18650)	23.58	22.55	21.56
	25RB-Middle (12)	1905 (19150)	23.63	22.60	21.61
		1880 (18900)	23.59	22.67	21.61
		1855 (18650)	23.58	22.57	21.53
	25RB-Low (0)	1905 (19150)	23.72	22.71	21.66
		1880 (18900)	23.67	22.70	21.66
		1855 (18650)	23.60	22.60	21.55
	50RB (0)	1905 (19150)	23.67	22.66	21.62
		1880 (18900)	23.67	22.63	21.62
		1855 (18650)	23.59	22.53	21.54

15MHz	1RB-High (74)	1902.5 (19125)	24.59	23.85	22.72
		1880 (18900)	24.55	23.72	22.74
		1857.5 (18675)	24.53	23.69	22.72
	1RB-Middle (37)	1902.5 (19125)	24.60	23.80	22.68
		1880 (18900)	24.64	23.81	22.82
		1857.5 (18675)	24.57	23.72	22.66
	1RB-Low (0)	1902.5 (19125)	24.59	23.81	22.67
		1880 (18900)	24.60	23.86	22.72
		1857.5 (18675)	24.53	23.73	22.69
	36RB-High (38)	1902.5 (19125)	23.56	22.57	21.52
		1880 (18900)	23.60	22.55	21.55
		1857.5 (18675)	23.51	22.57	21.52
	36RB-Middle (19)	1902.5 (19125)	23.59	22.63	21.60
		1880 (18900)	23.58	22.66	21.66
		1857.5 (18675)	23.55	22.55	21.57
	36RB-Low (0)	1902.5 (19125)	23.59	22.59	21.61
		1880 (18900)	23.64	22.66	21.59
		1857.5 (18675)	23.59	22.60	21.52
	75RB (0)	1902.5 (19125)	23.60	22.54	21.54
		1880 (18900)	23.65	22.62	21.62
		1857.5 (18675)	23.52	22.58	21.55
20MHz	1RB-High (99)	1900 (19100)	24.58	23.87	22.69
		1880 (18900)	24.56	23.76	22.64
		1860 (18700)	24.58	23.79	22.60
	1RB-Middle (50)	1900 (19100)	24.67	23.86	22.69
		1880 (18900)	24.68	23.90	22.78
		1860 (18700)	24.59	23.76	22.72
	1RB-Low (0)	1900 (19100)	24.65	23.90	22.74
		1880 (18900)	24.58	23.70	22.68
		1860 (18700)	24.54	23.68	22.59
	50RB-High (50)	1900 (19100)	23.55	22.49	21.50
		1880 (18900)	23.60	22.59	21.54
		1860 (18700)	23.61	22.62	21.61
	50RB-Middle (25)	1900 (19100)	23.67	22.66	21.61
		1880 (18900)	23.69	22.63	21.66
		1860 (18700)	23.60	22.61	21.54
	50RB-Low (0)	1900 (19100)	23.71	22.66	21.63
		1880 (18900)	23.71	22.71	21.68
		1860 (18700)	23.59	22.61	21.59
	100RB (0)	1900 (19100)	23.63	22.60	21.57
		1880 (18900)	23.62	22.61	21.58
		1860 (18700)	23.65	22.60	21.55

LTE B2(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	16.99	17.20	17.19
		1880 (18900)	16.97	17.28	17.13
		1850.7 (18607)	16.92	17.16	17.16
	1RB-Middle (3)	1909.3 (19193)	17.02	17.31	17.22
		1880 (18900)	16.98	17.31	17.15
		1850.7 (18607)	16.97	17.25	17.11
	1RB-Low (0)	1909.3 (19193)	17.00	17.27	17.19
		1880 (18900)	16.91	17.30	17.14
		1850.7 (18607)	16.89	17.12	17.09
	3RB-High (3)	1909.3 (19193)	17.02	17.03	17.08
		1880 (18900)	16.96	17.02	17.04
		1850.7 (18607)	16.97	16.95	17.05
	3RB-Middle (1)	1909.3 (19193)	17.03	17.11	17.12
		1880 (18900)	17.00	17.02	17.07
		1850.7 (18607)	16.92	17.02	17.04
	3RB-Low (0)	1909.3 (19193)	17.01	17.06	17.16
		1880 (18900)	16.96	16.96	17.02
		1850.7 (18607)	16.94	16.99	17.05
	6RB (0)	1909.3 (19193)	17.05	17.14	16.98
		1880 (18900)	17.00	17.02	16.93
		1850.7 (18607)	16.96	16.98	16.91
3MHz	1RB-High (14)	1908.5 (19185)	17.10	17.30	17.22
		1880 (18900)	16.97	17.28	17.12
		1851.5 (18615)	16.91	17.15	17.08
	1RB-Middle (7)	1908.5 (19185)	17.03	17.35	17.24
		1880 (18900)	17.01	17.15	17.12
		1851.5 (18615)	16.94	17.17	17.06
	1RB-Low (0)	1908.5 (19185)	17.06	17.31	17.22
		1880 (18900)	16.97	17.28	17.17
		1851.5 (18615)	16.93	17.19	17.19
	8RB-High (7)	1908.5 (19185)	17.02	17.11	17.04
		1880 (18900)	16.93	17.06	17.01
		1851.5 (18615)	16.92	17.04	17.03
	8RB-Middle (4)	1908.5 (19185)	17.06	17.11	17.08
		1880 (18900)	16.94	17.03	17.04
		1851.5 (18615)	16.93	17.04	16.98
	8RB-Low (0)	1908.5 (19185)	17.01	17.11	17.09
		1880 (18900)	16.94	17.06	16.97
		1851.5 (18615)	16.91	17.04	16.97
	15RB (0)	1908.5 (19185)	17.06	17.05	17.07
		1880 (18900)	16.98	17.00	17.03
		1851.5 (18615)	16.95	16.99	16.95

5MHz	1RB-High (24)	1907.5 (19175)	17.09	17.36	17.27
		1880 (18900)	17.03	17.32	17.21
		1852.5 (18625)	16.94	17.27	17.15
	1RB-Middle (12)	1907.5 (19175)	17.10	17.48	17.35
		1880 (18900)	17.05	17.32	17.27
		1852.5 (18625)	16.95	17.22	17.19
	1RB-Low (0)	1907.5 (19175)	17.16	17.36	17.24
		1880 (18900)	17.02	17.22	17.21
		1852.5 (18625)	16.97	17.27	17.18
	12RB-High (13)	1907.5 (19175)	17.01	17.07	17.05
		1880 (18900)	17.02	17.00	17.04
		1852.5 (18625)	16.93	16.94	16.96
	12RB-Middle (6)	1907.5 (19175)	17.05	17.06	17.11
		1880 (18900)	16.98	16.94	17.03
		1852.5 (18625)	16.96	16.97	17.01
	12RB-Low (0)	1907.5 (19175)	17.14	17.13	17.18
		1880 (18900)	16.99	17.00	17.03
		1852.5 (18625)	16.94	17.00	17.03
	25RB (0)	1907.5 (19175)	17.07	17.09	17.07
		1880 (18900)	17.03	17.03	17.01
		1852.5 (18625)	16.98	16.95	17.00
10MHz	1RB-High (49)	1905 (19150)	17.06	17.31	17.18
		1880 (18900)	17.04	17.20	17.13
		1855 (18650)	17.02	17.17	17.15
	1RB-Middle (24)	1905 (19150)	17.11	17.29	17.29
		1880 (18900)	17.05	17.24	17.13
		1855 (18650)	16.98	17.22	17.19
	1RB-Low (0)	1905 (19150)	17.10	17.27	17.29
		1880 (18900)	16.98	17.24	17.06
		1855 (18650)	16.98	17.15	17.12
	25RB-High (25)	1905 (19150)	17.04	17.02	17.07
		1880 (18900)	16.96	17.01	17.00
		1855 (18650)	16.93	17.00	16.95
	25RB-Middle (12)	1905 (19150)	17.10	17.13	17.08
		1880 (18900)	16.97	17.05	17.06
		1855 (18650)	17.02	17.00	17.04
	25RB-Low (0)	1905 (19150)	17.18	17.22	17.17
		1880 (18900)	17.02	17.05	17.02
		1855 (18650)	16.97	17.03	16.98
	50RB (0)	1905 (19150)	17.10	17.13	17.14
		1880 (18900)	17.05	17.03	17.02
		1855 (18650)	16.94	17.00	16.97

15MHz	1RB-High (74)	1902.5 (19125)	16.96	17.24	17.09
		1880 (18900)	16.96	17.26	17.12
		1857.5 (18675)	16.88	17.16	17.03
	1RB-Middle (37)	1902.5 (19125)	17.07	17.26	17.20
		1880 (18900)	16.97	17.30	17.13
		1857.5 (18675)	16.93	17.25	17.15
	1RB-Low (0)	1902.5 (19125)	17.03	17.32	17.13
		1880 (18900)	16.91	17.25	17.09
		1857.5 (18675)	16.89	17.20	17.01
	36RB-High (38)	1902.5 (19125)	16.97	17.03	17.04
		1880 (18900)	16.97	16.92	16.93
		1857.5 (18675)	16.88	16.99	16.94
	36RB-Middle (19)	1902.5 (19125)	17.08	17.09	17.09
		1880 (18900)	17.02	16.95	17.03
		1857.5 (18675)	16.90	16.94	16.93
	36RB-Low (0)	1902.5 (19125)	17.03	17.10	17.09
		1880 (18900)	17.02	17.02	17.01
		1857.5 (18675)	16.94	17.01	17.04
	75RB (0)	1902.5 (19125)	17.02	17.06	17.05
		1880 (18900)	16.99	17.05	17.00
		1857.5 (18675)	16.95	16.92	16.97
20MHz	1RB-High (99)	1900 (19100)	16.99	17.21	17.18
		1880 (18900)	16.98	17.21	17.14
		1860 (18700)	16.87	17.15	17.04
	1RB-Middle (50)	1900 (19100)	17.10	17.32	17.26
		1880 (18900)	17.11	17.16	17.17
		1860 (18700)	16.93	17.19	17.07
	1RB-Low (0)	1900 (19100)	17.01	17.20	17.16
		1880 (18900)	16.89	17.11	17.10
		1860 (18700)	16.88	17.22	17.02
	50RB-High (50)	1900 (19100)	17.01	17.00	17.00
		1880 (18900)	16.96	16.95	16.90
		1860 (18700)	16.98	16.92	16.90
	50RB-Middle (25)	1900 (19100)	17.08	17.08	17.14
		1880 (18900)	17.09	17.03	17.00
		1860 (18700)	16.98	17.03	17.02
	50RB-Low (0)	1900 (19100)	17.05	17.12	17.12
		1880 (18900)	16.99	17.07	17.00
		1860 (18700)	16.97	16.96	16.98
	100RB (0)	1900 (19100)	17.02	17.00	17.03
		1880 (18900)	16.99	16.92	16.97
		1860 (18700)	17.01	16.99	16.98

LTE B2(ANT4 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	21.43	21.79	21.64
		1880 (18900)	21.41	21.77	21.59
		1850.7 (18607)	21.33	21.69	21.61
	1RB-Middle (3)	1909.3 (19193)	21.48	21.74	21.64
		1880 (18900)	21.43	21.79	21.53
		1850.7 (18607)	21.35	21.67	21.54
	1RB-Low (0)	1909.3 (19193)	21.44	21.79	21.70
		1880 (18900)	21.41	21.66	21.62
		1850.7 (18607)	21.34	21.65	21.55
	3RB-High (3)	1909.3 (19193)	21.47	21.39	21.58
		1880 (18900)	21.40	21.40	21.51
		1850.7 (18607)	21.34	21.41	21.49
	3RB-Middle (1)	1909.3 (19193)	21.49	21.52	21.61
		1880 (18900)	21.42	21.37	21.50
		1850.7 (18607)	21.38	21.46	21.48
	3RB-Low (0)	1909.3 (19193)	21.49	21.46	21.56
		1880 (18900)	21.40	21.38	21.48
		1850.7 (18607)	21.33	21.35	21.49
	6RB (0)	1909.3 (19193)	21.48	21.58	21.45
		1880 (18900)	21.42	21.44	21.39
		1850.7 (18607)	21.41	21.47	21.37
3MHz	1RB-High (14)	1908.5 (19185)	21.50	21.75	21.54
		1880 (18900)	21.36	21.62	21.58
		1851.5 (18615)	21.30	21.55	21.52
	1RB-Middle (7)	1908.5 (19185)	21.47	21.71	21.67
		1880 (18900)	21.42	21.77	21.56
		1851.5 (18615)	21.36	21.62	21.57
	1RB-Low (0)	1908.5 (19185)	21.48	21.69	21.73
		1880 (18900)	21.38	21.71	21.54
		1851.5 (18615)	21.34	21.69	21.55
	8RB-High (7)	1908.5 (19185)	21.42	21.52	21.54
		1880 (18900)	21.39	21.41	21.44
		1851.5 (18615)	21.35	21.47	21.45
	8RB-Middle (4)	1908.5 (19185)	21.45	21.56	21.51
		1880 (18900)	21.40	21.45	21.44
		1851.5 (18615)	21.36	21.40	21.42
	8RB-Low (0)	1908.5 (19185)	21.46	21.50	21.50
		1880 (18900)	21.41	21.47	21.39
		1851.5 (18615)	21.40	21.45	21.44
	15RB (0)	1908.5 (19185)	21.47	21.48	21.44
		1880 (18900)	21.39	21.38	21.38
		1851.5 (18615)	21.32	21.40	21.43

5MHz	1RB-High (24)	1907.5 (19175)	21.50	21.64	21.57
		1880 (18900)	21.45	21.75	21.64
		1852.5 (18625)	21.41	21.61	21.58
	1RB-Middle (12)	1907.5 (19175)	21.60	21.74	21.78
		1880 (18900)	21.49	21.72	21.67
		1852.5 (18625)	21.42	21.76	21.57
	1RB-Low (0)	1907.5 (19175)	21.53	21.63	21.72
		1880 (18900)	21.43	21.77	21.60
		1852.5 (18625)	21.41	21.69	21.57
	12RB-High (13)	1907.5 (19175)	21.49	21.40	21.46
		1880 (18900)	21.45	21.43	21.49
		1852.5 (18625)	21.34	21.37	21.39
	12RB-Middle (6)	1907.5 (19175)	21.44	21.54	21.50
		1880 (18900)	21.42	21.44	21.46
		1852.5 (18625)	21.39	21.45	21.39
	12RB-Low (0)	1907.5 (19175)	21.53	21.52	21.55
		1880 (18900)	21.45	21.45	21.45
		1852.5 (18625)	21.40	21.38	21.42
	25RB (0)	1907.5 (19175)	21.48	21.56	21.54
		1880 (18900)	21.45	21.48	21.46
		1852.5 (18625)	21.40	21.43	21.41
10MHz	1RB-High (49)	1905 (19150)	21.48	21.69	21.61
		1880 (18900)	21.47	21.71	21.61
		1855 (18650)	21.38	21.68	21.65
	1RB-Middle (24)	1905 (19150)	21.57	21.73	21.71
		1880 (18900)	21.50	21.76	21.66
		1855 (18650)	21.42	21.63	21.61
	1RB-Low (0)	1905 (19150)	21.53	21.74	21.64
		1880 (18900)	21.43	21.78	21.60
		1855 (18650)	21.38	21.71	21.48
	25RB-High (25)	1905 (19150)	21.47	21.51	21.48
		1880 (18900)	21.43	21.49	21.42
		1855 (18650)	21.42	21.43	21.42
	25RB-Middle (12)	1905 (19150)	21.47	21.53	21.51
		1880 (18900)	21.50	21.49	21.51
		1855 (18650)	21.40	21.47	21.47
	25RB-Low (0)	1905 (19150)	21.55	21.63	21.66
		1880 (18900)	21.42	21.48	21.52
		1855 (18650)	21.37	21.45	21.40
	50RB (0)	1905 (19150)	21.55	21.54	21.57
		1880 (18900)	21.47	21.52	21.48
		1855 (18650)	21.39	21.34	21.42

15MHz	1RB-High (74)	1902.5 (19125)	21.40	21.65	21.64
		1880 (18900)	21.39	21.69	21.59
		1857.5 (18675)	21.32	21.55	21.54
	1RB-Middle (37)	1902.5 (19125)	21.50	21.66	21.74
		1880 (18900)	21.45	21.80	21.57
		1857.5 (18675)	21.37	21.65	21.58
	1RB-Low (0)	1902.5 (19125)	21.44	21.60	21.64
		1880 (18900)	21.32	21.61	21.51
		1857.5 (18675)	21.30	21.69	21.49
	36RB-High (38)	1902.5 (19125)	21.39	21.46	21.44
		1880 (18900)	21.42	21.42	21.46
		1857.5 (18675)	21.39	21.37	21.47
	36RB-Middle (19)	1902.5 (19125)	21.48	21.54	21.56
		1880 (18900)	21.38	21.44	21.49
		1857.5 (18675)	21.36	21.39	21.39
	36RB-Low (0)	1902.5 (19125)	21.46	21.53	21.52
		1880 (18900)	21.36	21.42	21.42
		1857.5 (18675)	21.36	21.38	21.38
	75RB (0)	1902.5 (19125)	21.52	21.53	21.54
		1880 (18900)	21.49	21.45	21.40
		1857.5 (18675)	21.38	21.38	21.39
20MHz	1RB-High (99)	1900 (19100)	21.38	21.74	21.57
		1880 (18900)	21.36	21.65	21.57
		1860 (18700)	21.34	21.64	21.44
	1RB-Middle (50)	1900 (19100)	21.51	21.72	21.63
		1880 (18900)	21.54	21.62	21.60
		1860 (18700)	21.36	21.65	21.59
	1RB-Low (0)	1900 (19100)	21.37	21.61	21.53
		1880 (18900)	21.33	21.66	21.41
		1860 (18700)	21.31	21.64	21.48
	50RB-High (50)	1900 (19100)	21.43	21.43	21.46
		1880 (18900)	21.36	21.43	21.40
		1860 (18700)	21.40	21.39	21.39
	50RB-Middle (25)	1900 (19100)	21.52	21.58	21.59
		1880 (18900)	21.58	21.47	21.43
		1860 (18700)	21.43	21.48	21.40
	50RB-Low (0)	1900 (19100)	21.54	21.57	21.58
		1880 (18900)	21.48	21.43	21.50
		1860 (18700)	21.41	21.39	21.43
	100RB (0)	1900 (19100)	21.43	21.45	21.50
		1880 (18900)	21.44	21.40	21.42
		1860 (18700)	21.42	21.36	21.40

LTE B2(ANT4 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	13.98	14.29	14.19
		1880 (18900)	13.96	14.14	14.10
		1850.7 (18607)	13.91	14.11	14.03
	1RB-Middle (3)	1909.3 (19193)	13.98	14.17	14.17
		1880 (18900)	13.98	14.27	14.11
		1850.7 (18607)	13.89	14.19	14.03
	1RB-Low (0)	1909.3 (19193)	14.01	14.31	14.14
		1880 (18900)	13.92	14.22	14.18
		1850.7 (18607)	13.87	14.13	14.05
	3RB-High (3)	1909.3 (19193)	14.03	14.02	14.08
		1880 (18900)	13.96	14.00	14.06
		1850.7 (18607)	13.95	13.92	13.98
	3RB-Middle (1)	1909.3 (19193)	14.00	14.09	14.13
		1880 (18900)	13.99	14.04	14.10
		1850.7 (18607)	13.94	13.94	14.00
	3RB-Low (0)	1909.3 (19193)	14.02	14.02	14.15
		1880 (18900)	13.94	13.99	14.06
		1850.7 (18607)	13.92	13.95	14.06
	6RB (0)	1909.3 (19193)	14.04	14.09	14.00
		1880 (18900)	13.99	14.03	13.97
		1850.7 (18607)	13.94	14.04	13.92
3MHz	1RB-High (14)	1908.5 (19185)	14.08	14.22	14.10
		1880 (18900)	13.98	14.26	14.08
		1851.5 (18615)	13.89	14.13	14.03
	1RB-Middle (7)	1908.5 (19185)	14.05	14.30	14.17
		1880 (18900)	13.98	14.15	14.17
		1851.5 (18615)	13.92	14.13	14.21
	1RB-Low (0)	1908.5 (19185)	14.05	14.39	14.23
		1880 (18900)	13.95	14.14	14.13
		1851.5 (18615)	13.91	14.16	14.08
	8RB-High (7)	1908.5 (19185)	13.97	14.12	14.08
		1880 (18900)	13.91	14.05	13.98
		1851.5 (18615)	13.93	13.97	13.94
	8RB-Middle (4)	1908.5 (19185)	14.01	14.13	14.03
		1880 (18900)	13.97	14.02	14.00
		1851.5 (18615)	13.95	14.01	13.95
	8RB-Low (0)	1908.5 (19185)	14.06	14.09	14.08
		1880 (18900)	13.93	14.03	13.97
		1851.5 (18615)	13.92	14.03	13.96
	15RB (0)	1908.5 (19185)	13.97	14.01	14.02
		1880 (18900)	13.92	13.95	13.97
		1851.5 (18615)	13.93	13.96	13.94

5MHz	1RB-High (24)	1907.5 (19175)	14.11	14.20	14.19
		1880 (18900)	14.04	14.24	14.14
		1852.5 (18625)	13.93	14.10	14.03
	1RB-Middle (12)	1907.5 (19175)	14.13	14.36	14.29
		1880 (18900)	14.06	14.31	14.13
		1852.5 (18625)	13.93	14.09	14.00
	1RB-Low (0)	1907.5 (19175)	14.07	14.33	14.23
		1880 (18900)	14.00	14.23	14.10
		1852.5 (18625)	13.94	14.13	14.11
	12RB-High (13)	1907.5 (19175)	14.06	14.05	14.05
		1880 (18900)	14.00	13.98	14.07
		1852.5 (18625)	13.93	13.90	13.92
	12RB-Middle (6)	1907.5 (19175)	14.08	14.06	14.09
		1880 (18900)	13.99	14.02	14.03
		1852.5 (18625)	13.94	13.92	13.99
	12RB-Low (0)	1907.5 (19175)	14.13	14.16	14.16
		1880 (18900)	13.95	14.02	14.00
		1852.5 (18625)	14.01	13.95	14.00
	25RB (0)	1907.5 (19175)	14.09	14.11	14.07
		1880 (18900)	13.95	14.06	14.07
		1852.5 (18625)	13.98	14.02	14.01
10MHz	1RB-High (49)	1905 (19150)	14.04	14.25	14.17
		1880 (18900)	14.04	14.21	14.17
		1855 (18650)	13.96	14.16	14.00
	1RB-Middle (24)	1905 (19150)	14.14	14.42	14.32
		1880 (18900)	14.05	14.32	14.25
		1855 (18650)	14.00	14.30	14.07
	1RB-Low (0)	1905 (19150)	14.08	14.23	14.27
		1880 (18900)	13.96	14.18	14.11
		1855 (18650)	13.93	14.20	14.08
	25RB-High (25)	1905 (19150)	14.10	14.04	14.09
		1880 (18900)	14.00	13.96	14.04
		1855 (18650)	13.94	14.02	13.94
	25RB-Middle (12)	1905 (19150)	14.11	14.05	14.07
		1880 (18900)	14.00	14.00	14.09
		1855 (18650)	13.95	14.00	14.03
	25RB-Low (0)	1905 (19150)	14.16	14.21	14.22
		1880 (18900)	14.08	14.04	14.10
		1855 (18650)	14.02	13.98	13.99
	50RB (0)	1905 (19150)	14.08	14.11	14.15
		1880 (18900)	14.07	14.04	14.00
		1855 (18650)	13.93	13.95	13.96

15MHz	1RB-High (74)	1902.5 (19125)	14.02	14.17	14.15
		1880 (18900)	13.96	14.23	14.10
		1857.5 (18675)	13.88	14.15	14.06
	1RB-Middle (37)	1902.5 (19125)	14.07	14.33	14.25
		1880 (18900)	13.98	14.25	14.20
		1857.5 (18675)	13.94	14.29	14.05
	1RB-Low (0)	1902.5 (19125)	13.99	14.30	14.18
		1880 (18900)	13.92	14.20	14.10
		1857.5 (18675)	13.88	14.18	14.11
	36RB-High (38)	1902.5 (19125)	13.99	13.96	14.01
		1880 (18900)	13.93	14.00	13.97
		1857.5 (18675)	13.96	13.90	13.98
	36RB-Middle (19)	1902.5 (19125)	14.03	14.12	14.06
		1880 (18900)	13.95	13.98	13.99
		1857.5 (18675)	13.88	13.93	13.98
	36RB-Low (0)	1902.5 (19125)	14.11	14.09	14.08
		1880 (18900)	13.99	14.03	14.00
		1857.5 (18675)	14.00	14.00	14.01
	75RB (0)	1902.5 (19125)	14.07	14.11	14.11
		1880 (18900)	14.02	13.97	13.96
		1857.5 (18675)	13.94	13.93	13.90
20MHz	1RB-High (99)	1900 (19100)	13.99	14.19	14.10
		1880 (18900)	13.96	14.27	14.11
		1860 (18700)	13.84	14.10	13.98
	1RB-Middle (50)	1900 (19100)	14.08	14.32	14.21
		1880 (18900)	14.11	14.12	14.19
		1860 (18700)	13.98	14.19	14.04
	1RB-Low (0)	1900 (19100)	13.98	14.20	14.04
		1880 (18900)	13.90	14.12	14.03
		1860 (18700)	13.88	14.15	14.00
	50RB-High (50)	1900 (19100)	14.07	14.03	14.04
		1880 (18900)	13.95	13.92	14.02
		1860 (18700)	13.98	13.98	13.93
	50RB-Middle (25)	1900 (19100)	14.10	14.08	14.17
		1880 (18900)	14.11	14.06	14.05
		1860 (18700)	14.01	13.99	13.98
	50RB-Low (0)	1900 (19100)	14.09	14.16	14.12
		1880 (18900)	14.03	14.02	14.08
		1860 (18700)	14.01	13.99	14.01
	100RB (0)	1900 (19100)	14.09	14.09	14.08
		1880 (18900)	13.95	13.95	13.92
		1860 (18700)	13.98	13.92	14.01

LTE B2(ANT4 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	18.57	18.81	18.70
		1880 (18900)	18.53	18.81	18.68
		1850.7 (18607)	18.46	18.75	18.63
	1RB-Middle (3)	1909.3 (19193)	18.59	18.78	18.73
		1880 (18900)	18.54	18.88	18.70
		1850.7 (18607)	18.49	18.79	18.66
	1RB-Low (0)	1909.3 (19193)	18.56	18.81	18.72
		1880 (18900)	18.54	18.79	18.67
		1850.7 (18607)	18.47	18.75	18.66
	3RB-High (3)	1909.3 (19193)	18.59	18.58	18.68
		1880 (18900)	18.55	18.56	18.56
		1850.7 (18607)	18.52	18.55	18.59
	3RB-Middle (1)	1909.3 (19193)	18.60	18.62	18.69
		1880 (18900)	18.52	18.51	18.62
		1850.7 (18607)	18.48	18.54	18.58
	3RB-Low (0)	1909.3 (19193)	18.60	18.59	18.66
		1880 (18900)	18.55	18.50	18.67
		1850.7 (18607)	18.49	18.52	18.60
	6RB (0)	1909.3 (19193)	18.60	18.69	18.59
		1880 (18900)	18.54	18.60	18.46
		1850.7 (18607)	18.55	18.60	18.47
3MHz	1RB-High (14)	1908.5 (19185)	18.57	18.81	18.81
		1880 (18900)	18.56	18.86	18.71
		1851.5 (18615)	18.47	18.68	18.58
	1RB-Middle (7)	1908.5 (19185)	18.56	18.82	18.73
		1880 (18900)	18.56	18.83	18.70
		1851.5 (18615)	18.51	18.76	18.67
	1RB-Low (0)	1908.5 (19185)	18.62	18.93	18.80
		1880 (18900)	18.54	18.76	18.74
		1851.5 (18615)	18.49	18.72	18.67
	8RB-High (7)	1908.5 (19185)	18.58	18.63	18.61
		1880 (18900)	18.49	18.58	18.55
		1851.5 (18615)	18.50	18.57	18.59
	8RB-Middle (4)	1908.5 (19185)	18.54	18.65	18.64
		1880 (18900)	18.54	18.64	18.56
		1851.5 (18615)	18.48	18.57	18.56
	8RB-Low (0)	1908.5 (19185)	18.60	18.67	18.62
		1880 (18900)	18.55	18.61	18.60
		1851.5 (18615)	18.49	18.62	18.59
	15RB (0)	1908.5 (19185)	18.59	18.62	18.62
		1880 (18900)	18.52	18.55	18.55
		1851.5 (18615)	18.50	18.55	18.50

5MHz	1RB-High (24)	1907.5 (19175)	18.63	18.93	18.74
		1880 (18900)	18.59	18.87	18.82
		1852.5 (18625)	18.52	18.79	18.60
	1RB-Middle (12)	1907.5 (19175)	18.72	18.98	18.85
		1880 (18900)	18.57	18.85	18.77
		1852.5 (18625)	18.49	18.68	18.62
	1RB-Low (0)	1907.5 (19175)	18.67	18.94	18.81
		1880 (18900)	18.58	18.83	18.76
		1852.5 (18625)	18.53	18.82	18.67
	12RB-High (13)	1907.5 (19175)	18.56	18.61	18.59
		1880 (18900)	18.53	18.51	18.60
		1852.5 (18625)	18.45	18.49	18.48
	12RB-Middle (6)	1907.5 (19175)	18.61	18.61	18.67
		1880 (18900)	18.52	18.52	18.60
		1852.5 (18625)	18.54	18.50	18.59
	12RB-Low (0)	1907.5 (19175)	18.67	18.71	18.74
		1880 (18900)	18.54	18.60	18.61
		1852.5 (18625)	18.51	18.50	18.57
	25RB (0)	1907.5 (19175)	18.64	18.65	18.64
		1880 (18900)	18.59	18.62	18.59
		1852.5 (18625)	18.55	18.52	18.55
10MHz	1RB-High (49)	1905 (19150)	18.63	18.80	18.73
		1880 (18900)	18.61	18.73	18.75
		1855 (18650)	18.57	18.62	18.67
	1RB-Middle (24)	1905 (19150)	18.70	18.79	18.78
		1880 (18900)	18.59	18.83	18.76
		1855 (18650)	18.57	18.64	18.66
	1RB-Low (0)	1905 (19150)	18.69	18.79	18.73
		1880 (18900)	18.57	18.66	18.69
		1855 (18650)	18.54	18.72	18.66
	25RB-High (25)	1905 (19150)	18.60	18.65	18.62
		1880 (18900)	18.57	18.56	18.57
		1855 (18650)	18.51	18.58	18.50
	25RB-Middle (12)	1905 (19150)	18.67	18.68	18.64
		1880 (18900)	18.60	18.64	18.61
		1855 (18650)	18.52	18.61	18.60
	25RB-Low (0)	1905 (19150)	18.77	18.77	18.77
		1880 (18900)	18.54	18.63	18.61
		1855 (18650)	18.51	18.56	18.60
	50RB (0)	1905 (19150)	18.71	18.64	18.71
		1880 (18900)	18.64	18.62	18.65
		1855 (18650)	18.56	18.50	18.57

15MHz	1RB-High (74)	1902.5 (19125)	18.56	18.82	18.70
		1880 (18900)	18.52	18.82	18.65
		1857.5 (18675)	18.40	18.62	18.57
	1RB-Middle (37)	1902.5 (19125)	18.65	18.86	18.79
		1880 (18900)	18.55	18.80	18.63
		1857.5 (18675)	18.52	18.78	18.61
	1RB-Low (0)	1902.5 (19125)	18.56	18.75	18.73
		1880 (18900)	18.46	18.78	18.64
		1857.5 (18675)	18.46	18.64	18.57
	36RB-High (38)	1902.5 (19125)	18.57	18.51	18.62
		1880 (18900)	18.54	18.55	18.56
		1857.5 (18675)	18.54	18.57	18.57
	36RB-Middle (19)	1902.5 (19125)	18.65	18.64	18.73
		1880 (18900)	18.53	18.52	18.62
		1857.5 (18675)	18.49	18.48	18.49
	36RB-Low (0)	1902.5 (19125)	18.61	18.66	18.69
		1880 (18900)	18.51	18.59	18.58
		1857.5 (18675)	18.49	18.56	18.56
	75RB (0)	1902.5 (19125)	18.66	18.66	18.68
		1880 (18900)	18.54	18.60	18.62
		1857.5 (18675)	18.50	18.55	18.50
20MHz	1RB-High (99)	1900 (19100)	18.51	18.79	18.67
		1880 (18900)	18.51	18.72	18.62
		1860 (18700)	18.42	18.73	18.51
	1RB-Middle (50)	1900 (19100)	18.59	18.76	18.73
		1880 (18900)	18.66	18.69	18.61
		1860 (18700)	18.51	18.74	18.65
	1RB-Low (0)	1900 (19100)	18.52	18.78	18.68
		1880 (18900)	18.44	18.72	18.63
		1860 (18700)	18.41	18.70	18.53
	50RB-High (50)	1900 (19100)	18.52	18.59	18.56
		1880 (18900)	18.51	18.51	18.53
		1860 (18700)	18.44	18.56	18.55
	50RB-Middle (25)	1900 (19100)	18.64	18.65	18.71
		1880 (18900)	18.70	18.64	18.63
		1860 (18700)	18.57	18.58	18.54
	50RB-Low (0)	1900 (19100)	18.65	18.72	18.73
		1880 (18900)	18.57	18.62	18.64
		1860 (18700)	18.53	18.52	18.59
	100RB (0)	1900 (19100)	18.63	18.60	18.61
		1880 (18900)	18.50	18.54	18.49
		1860 (18700)	18.55	18.50	18.54

LTE B2(ANT1 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	24.70	23.75	22.92
		1880 (18900)	24.72	23.73	22.91
		1850.7 (18607)	24.59	23.67	22.85
	1RB-Middle (3)	1909.3 (19193)	24.69	23.65	22.89
		1880 (18900)	24.67	23.71	22.87
		1850.7 (18607)	24.60	23.63	22.85
	1RB-Low (0)	1909.3 (19193)	24.68	23.74	22.92
		1880 (18900)	24.68	23.70	22.95
		1850.7 (18607)	24.59	23.57	22.81
	3RB-High (3)	1909.3 (19193)	24.70	23.46	22.84
		1880 (18900)	24.70	23.44	22.84
		1850.7 (18607)	24.59	23.42	22.77
	3RB-Middle (1)	1909.3 (19193)	24.68	23.47	22.87
		1880 (18900)	24.69	23.55	22.87
		1850.7 (18607)	24.58	23.43	22.77
	3RB-Low (0)	1909.3 (19193)	24.69	23.53	22.90
		1880 (18900)	24.72	23.42	22.82
		1850.7 (18607)	24.61	23.40	22.75
	6RB (0)	1909.3 (19193)	23.70	22.61	21.72
		1880 (18900)	23.70	22.58	21.72
		1850.7 (18607)	23.61	22.46	21.59
3MHz	1RB-High (14)	1908.5 (19185)	24.67	23.68	22.98
		1880 (18900)	24.70	23.77	22.91
		1851.5 (18615)	24.64	23.56	22.82
	1RB-Middle (7)	1908.5 (19185)	24.69	23.67	22.84
		1880 (18900)	24.73	23.74	22.92
		1851.5 (18615)	24.65	23.61	22.84
	1RB-Low (0)	1908.5 (19185)	24.63	23.73	22.79
		1880 (18900)	24.69	23.74	22.85
		1851.5 (18615)	24.58	23.60	22.76
	8RB-High (7)	1908.5 (19185)	23.67	22.53	21.72
		1880 (18900)	23.62	22.55	21.74
		1851.5 (18615)	23.58	22.50	21.65
	8RB-Middle (4)	1908.5 (19185)	23.61	22.56	21.74
		1880 (18900)	23.65	22.53	21.70
		1851.5 (18615)	23.60	22.53	21.68
	8RB-Low (0)	1908.5 (19185)	23.65	22.51	21.71
		1880 (18900)	23.70	22.58	21.76
		1851.5 (18615)	23.55	22.45	21.66
	15RB (0)	1908.5 (19185)	23.64	22.52	21.70
		1880 (18900)	23.65	22.49	21.75
		1851.5 (18615)	23.63	22.49	21.65

5MHz	1RB-High (24)	1907.5 (19175)	24.75	23.71	22.93
		1880 (18900)	24.75	23.69	22.95
		1852.5 (18625)	24.66	23.73	22.82
	1RB-Middle (12)	1907.5 (19175)	24.68	23.66	22.87
		1880 (18900)	24.79	23.72	22.96
		1852.5 (18625)	24.71	23.71	22.89
	1RB-Low (0)	1907.5 (19175)	24.69	23.76	22.81
		1880 (18900)	24.72	23.82	22.93
		1852.5 (18625)	24.65	23.66	22.86
	12RB-High (13)	1907.5 (19175)	23.64	22.45	21.66
		1880 (18900)	23.69	22.49	21.76
		1852.5 (18625)	23.65	22.42	21.69
	12RB-Middle (6)	1907.5 (19175)	23.69	22.49	21.71
		1880 (18900)	23.67	22.52	21.76
		1852.5 (18625)	23.64	22.51	21.75
	12RB-Low (0)	1907.5 (19175)	23.72	22.51	21.75
		1880 (18900)	23.75	22.56	21.81
		1852.5 (18625)	23.62	22.49	21.75
	25RB (0)	1907.5 (19175)	23.66	22.50	21.71
		1880 (18900)	23.72	22.57	21.78
		1852.5 (18625)	23.63	22.45	21.69
10MHz	1RB-High (49)	1905 (19150)	24.70	23.76	22.91
		1880 (18900)	24.75	23.77	22.95
		1855 (18650)	24.64	23.59	22.81
	1RB-Middle (24)	1905 (19150)	24.69	23.70	22.86
		1880 (18900)	24.74	23.78	22.86
		1855 (18650)	24.67	23.56	22.77
	1RB-Low (0)	1905 (19150)	24.76	23.71	23.00
		1880 (18900)	24.71	23.67	22.81
		1855 (18650)	24.63	23.72	22.76
	25RB-High (25)	1905 (19150)	23.61	22.44	21.66
		1880 (18900)	23.68	22.52	21.73
		1855 (18650)	23.61	22.42	21.67
	25RB-Middle (12)	1905 (19150)	23.66	22.47	21.72
		1880 (18900)	23.62	22.54	21.72
		1855 (18650)	23.61	22.44	21.64
	25RB-Low (0)	1905 (19150)	23.75	22.58	21.77
		1880 (18900)	23.70	22.57	21.77
		1855 (18650)	23.63	22.47	21.66
	50RB (0)	1905 (19150)	23.70	22.53	21.73
		1880 (18900)	23.70	22.50	21.73
		1855 (18650)	23.62	22.40	21.65

15MHz	1RB-High (74)	1902.5 (19125)	24.62	23.71	22.84
		1880 (18900)	24.58	23.58	22.86
		1857.5 (18675)	24.56	23.55	22.84
	1RB-Middle (37)	1902.5 (19125)	24.63	23.66	22.80
		1880 (18900)	24.67	23.67	22.94
		1857.5 (18675)	24.60	23.58	22.78
	1RB-Low (0)	1902.5 (19125)	24.62	23.67	22.79
		1880 (18900)	24.63	23.72	22.84
		1857.5 (18675)	24.56	23.59	22.81
	36RB-High (38)	1902.5 (19125)	23.59	22.44	21.63
		1880 (18900)	23.63	22.42	21.66
		1857.5 (18675)	23.54	22.44	21.63
	36RB-Middle (19)	1902.5 (19125)	23.62	22.50	21.71
		1880 (18900)	23.61	22.53	21.77
		1857.5 (18675)	23.58	22.42	21.68
	36RB-Low (0)	1902.5 (19125)	23.62	22.46	21.72
		1880 (18900)	23.67	22.53	21.70
		1857.5 (18675)	23.62	22.47	21.63
	75RB (0)	1902.5 (19125)	23.63	22.41	21.65
		1880 (18900)	23.68	22.49	21.73
		1857.5 (18675)	23.55	22.45	21.66
20MHz	1RB-High (99)	1900 (19100)	24.61	23.73	22.81
		1880 (18900)	24.54	23.67	22.75
		1860 (18700)	24.49	23.62	22.71
	1RB-Middle (50)	1900 (19100)	24.70	23.81	22.89
		1880 (18900)	24.72	23.74	22.82
		1860 (18700)	24.65	23.77	22.85
	1RB-Low (0)	1900 (19100)	24.55	23.67	22.76
		1880 (18900)	24.50	23.63	22.72
		1860 (18700)	24.46	23.59	22.68
	50RB-High (50)	1900 (19100)	23.46	22.65	21.81
		1880 (18900)	23.36	22.56	21.72
		1860 (18700)	23.63	22.81	21.96
	50RB-Middle (25)	1900 (19100)	23.68	22.86	22.00
		1880 (18900)	23.59	22.78	21.92
		1860 (18700)	23.61	22.79	21.94
	50RB-Low (0)	1900 (19100)	23.57	22.76	21.91
		1880 (18900)	23.39	22.59	21.75
		1860 (18700)	23.76	22.93	22.07
	100RB (0)	1900 (19100)	23.44	22.64	21.79
		1880 (18900)	23.39	22.59	21.75
		1860 (18700)	23.67	22.85	21.99

LTE B2(ANT1 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	23.51	23.11	22.31
		1880 (18900)	23.42	23.03	22.24
		1850.7 (18607)	23.41	23.02	22.24
	1RB-Middle (3)	1909.3 (19193)	23.60	23.20	22.38
		1880 (18900)	23.51	23.11	22.31
		1850.7 (18607)	23.51	23.11	22.31
	1RB-Low (0)	1909.3 (19193)	23.49	23.10	22.30
		1880 (18900)	23.34	22.95	22.17
		1850.7 (18607)	23.35	22.96	22.18
	3RB-High (3)	1909.3 (19193)	22.87	22.03	21.00
		1880 (18900)	22.76	22.11	20.91
		1850.7 (18607)	22.98	22.13	21.09
	3RB-Middle (1)	1909.3 (19193)	23.09	22.23	21.18
		1880 (18900)	22.99	22.14	21.10
		1850.7 (18607)	23.00	22.15	21.11
	3RB-Low (0)	1909.3 (19193)	23.03	22.18	21.13
		1880 (18900)	22.84	22.00	20.97
		1850.7 (18607)	23.15	22.29	21.23
	6RB (0)	1909.3 (19193)	22.92	22.07	21.03
		1880 (18900)	22.82	21.98	20.95
		1850.7 (18607)	23.02	22.17	21.12
3MHz	1RB-High (14)	1908.5 (19185)	23.56	23.16	22.35
		1880 (18900)	23.47	23.08	22.28
		1851.5 (18615)	23.46	23.07	22.28
	1RB-Middle (7)	1908.5 (19185)	23.65	23.25	22.42
		1880 (18900)	23.56	23.16	22.35
		1851.5 (18615)	23.56	23.16	22.35
	1RB-Low (0)	1908.5 (19185)	23.54	23.15	22.34
		1880 (18900)	23.39	23.00	22.21
		1851.5 (18615)	23.40	23.01	22.22
	8RB-High (7)	1908.5 (19185)	22.92	22.07	21.04
		1880 (18900)	22.81	21.97	20.95
		1851.5 (18615)	23.03	22.17	21.13
	8RB-Middle (4)	1908.5 (19185)	23.14	22.27	21.22
		1880 (18900)	23.04	22.18	21.14
		1851.5 (18615)	23.05	22.19	21.15
	8RB-Low (0)	1908.5 (19185)	23.08	22.22	21.17
		1880 (18900)	22.89	22.04	21.01
		1851.5 (18615)	23.20	22.33	21.27
	15RB (0)	1908.5 (19185)	22.97	22.11	21.07
		1880 (18900)	22.87	22.02	20.99
		1851.5 (18615)	23.07	22.21	21.16

5MHz	1RB-High (24)	1907.5 (19175)	23.61	23.21	22.39
		1880 (18900)	23.52	23.13	22.32
		1852.5 (18625)	23.51	23.12	22.32
	1RB-Middle (12)	1907.5 (19175)	23.70	23.30	22.46
		1880 (18900)	23.61	23.21	22.39
		1852.5 (18625)	23.61	23.21	22.39
	1RB-Low (0)	1907.5 (19175)	23.59	23.20	22.38
		1880 (18900)	23.44	23.05	22.25
		1852.5 (18625)	23.45	23.06	22.26
	12RB-High (13)	1907.5 (19175)	22.97	22.11	21.08
		1880 (18900)	22.86	22.01	20.99
		1852.5 (18625)	23.08	22.21	21.17
	12RB-Middle (6)	1907.5 (19175)	23.19	22.31	21.26
		1880 (18900)	23.09	22.22	21.18
		1852.5 (18625)	23.10	22.23	21.19
	12RB-Low (0)	1907.5 (19175)	23.13	22.26	21.21
		1880 (18900)	22.94	22.08	21.05
		1852.5 (18625)	23.25	22.37	21.31
	25RB (0)	1907.5 (19175)	23.02	22.15	21.11
		1880 (18900)	22.92	22.06	21.03
		1852.5 (18625)	23.12	22.25	21.20
10MHz	1RB-High (49)	1905 (19150)	23.66	23.26	22.43
		1880 (18900)	23.57	23.18	22.36
		1855 (18650)	23.56	23.17	22.36
	1RB-Middle (24)	1905 (19150)	23.75	23.35	22.50
		1880 (18900)	23.66	23.26	22.43
		1855 (18650)	23.66	23.26	22.43
	1RB-Low (0)	1905 (19150)	23.64	23.25	22.42
		1880 (18900)	23.49	23.10	22.29
		1855 (18650)	23.50	23.11	22.30
	25RB-High (25)	1905 (19150)	23.02	22.15	21.12
		1880 (18900)	22.91	22.05	21.03
		1855 (18650)	23.13	22.25	21.21
	25RB-Middle (12)	1905 (19150)	23.24	22.35	21.30
		1880 (18900)	23.14	22.26	21.22
		1855 (18650)	23.15	22.27	21.23
	25RB-Low (0)	1905 (19150)	23.18	22.30	21.25
		1880 (18900)	22.99	22.12	21.09
		1855 (18650)	23.30	22.41	21.35
	50RB (0)	1905 (19150)	23.07	22.19	21.15
		1880 (18900)	22.97	22.10	21.07
		1855 (18650)	23.17	22.29	21.24

15MHz	1RB-High (74)	1902.5 (19125)	23.71	23.31	22.47
		1880 (18900)	23.62	23.23	22.40
		1857.5 (18675)	23.61	23.22	22.40
	1RB-Middle (37)	1902.5 (19125)	23.80	23.40	22.45
		1880 (18900)	23.71	23.31	22.47
		1857.5 (18675)	23.71	23.31	22.47
	1RB-Low (0)	1902.5 (19125)	23.69	23.30	22.46
		1880 (18900)	23.54	23.15	22.33
		1857.5 (18675)	23.55	23.16	22.34
	36RB-High (38)	1902.5 (19125)	23.07	22.19	21.16
		1880 (18900)	22.96	22.09	21.07
		1857.5 (18675)	23.18	22.29	21.25
	36RB-Middle (19)	1902.5 (19125)	23.29	22.39	21.34
		1880 (18900)	23.19	22.30	21.26
		1857.5 (18675)	23.20	22.31	21.27
	36RB-Low (0)	1902.5 (19125)	23.23	22.34	21.29
		1880 (18900)	23.04	22.16	21.13
		1857.5 (18675)	23.35	22.45	21.39
	75RB (0)	1902.5 (19125)	23.12	22.23	21.19
		1880 (18900)	23.02	22.14	21.11
		1857.5 (18675)	23.22	22.33	21.28
20MHz	1RB-High (99)	1900 (19100)	23.76	23.36	22.42
		1880 (18900)	23.67	23.28	22.44
		1860 (18700)	23.66	23.27	22.44
	1RB-Middle (50)	1900 (19100)	23.85	23.45	22.46
		1880 (18900)	23.86	23.36	22.32
		1860 (18700)	23.76	23.36	22.38
	1RB-Low (0)	1900 (19100)	23.74	23.35	22.31
		1880 (18900)	23.59	23.20	22.37
		1860 (18700)	23.60	23.21	22.38
	50RB-High (50)	1900 (19100)	23.12	22.23	21.20
		1880 (18900)	23.01	22.13	21.11
		1860 (18700)	23.23	22.33	21.29
	50RB-Middle (25)	1900 (19100)	23.34	22.43	21.38
		1880 (18900)	23.35	22.34	21.30
		1860 (18700)	23.25	22.35	21.31
	50RB-Low (0)	1900 (19100)	23.28	22.38	21.33
		1880 (18900)	23.09	22.20	21.17
		1860 (18700)	23.40	22.49	21.43
	100RB (0)	1900 (19100)	23.17	22.27	21.23
		1880 (18900)	23.07	22.18	21.15
		1860 (18700)	23.27	22.37	21.32

LTE B2(ANT1 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	20.13	20.18	20.11
		1880 (18900)	20.10	20.27	20.04
		1850.7 (18607)	20.05	20.13	20.07
	1RB-Middle (3)	1909.3 (19193)	20.16	20.30	20.14
		1880 (18900)	20.12	20.30	20.06
		1850.7 (18607)	20.10	20.23	20.01
	1RB-Low (0)	1909.3 (19193)	20.14	20.26	20.11
		1880 (18900)	20.03	20.29	20.05
		1850.7 (18607)	20.01	20.08	20.14
	3RB-High (3)	1909.3 (19193)	20.16	20.13	20.13
		1880 (18900)	20.09	20.11	20.08
		1850.7 (18607)	20.10	20.03	20.09
	3RB-Middle (1)	1909.3 (19193)	20.18	20.07	20.02
		1880 (18900)	20.14	20.11	20.11
		1850.7 (18607)	20.05	20.11	20.08
	3RB-Low (0)	1909.3 (19193)	20.15	20.01	20.07
		1880 (18900)	20.09	20.04	20.06
		1850.7 (18607)	20.07	20.08	20.09
	6RB (0)	1909.3 (19193)	20.20	20.11	20.01
		1880 (18900)	20.14	20.11	20.10
		1850.7 (18607)	20.09	20.07	20.08
3MHz	1RB-High (14)	1908.5 (19185)	20.26	20.29	20.14
		1880 (18900)	20.10	20.27	20.02
		1851.5 (18615)	20.03	20.12	20.13
	1RB-Middle (7)	1908.5 (19185)	20.18	20.35	20.16
		1880 (18900)	20.15	20.12	20.02
		1851.5 (18615)	20.07	20.14	20.10
	1RB-Low (0)	1908.5 (19185)	20.21	20.30	20.14
		1880 (18900)	20.10	20.27	20.08
		1851.5 (18615)	20.06	20.16	20.11
	8RB-High (7)	1908.5 (19185)	20.16	20.07	20.08
		1880 (18900)	20.06	20.01	20.04
		1851.5 (18615)	20.05	20.14	20.07
	8RB-Middle (4)	1908.5 (19185)	20.21	20.07	20.13
		1880 (18900)	20.07	20.13	20.08
		1851.5 (18615)	20.06	20.14	20.01
	8RB-Low (0)	1908.5 (19185)	20.15	20.07	20.14
		1880 (18900)	20.07	20.01	20.00
		1851.5 (18615)	20.03	20.14	20.00
	15RB (0)	1908.5 (19185)	20.21	20.00	20.11
		1880 (18900)	20.12	20.09	20.07
		1851.5 (18615)	20.08	20.08	20.04

5MHz	1RB-High (24)	1907.5 (19175)	20.25	20.36	20.20
		1880 (18900)	20.18	20.32	20.13
		1852.5 (18625)	20.07	20.26	20.06
	1RB-Middle (12)	1907.5 (19175)	20.26	20.50	20.29
		1880 (18900)	20.20	20.32	20.20
		1852.5 (18625)	20.08	20.20	20.11
	1RB-Low (0)	1907.5 (19175)	20.33	20.36	20.16
		1880 (18900)	20.16	20.20	20.13
		1852.5 (18625)	20.10	20.26	20.09
	12RB-High (13)	1907.5 (19175)	20.15	20.02	20.09
		1880 (18900)	20.16	20.09	20.08
		1852.5 (18625)	20.06	20.02	20.01
	12RB-Middle (6)	1907.5 (19175)	20.20	20.01	20.01
		1880 (18900)	20.12	20.02	20.07
		1852.5 (18625)	20.09	20.06	20.04
	12RB-Low (0)	1907.5 (19175)	20.31	20.09	20.09
		1880 (18900)	20.13	20.09	20.07
		1852.5 (18625)	20.07	20.09	20.07
	25RB (0)	1907.5 (19175)	20.22	20.05	20.11
		1880 (18900)	20.18	20.13	20.04
		1852.5 (18625)	20.12	20.03	20.03
10MHz	1RB-High (49)	1905 (19150)	20.21	20.30	20.09
		1880 (18900)	20.19	20.18	20.04
		1855 (18650)	20.16	20.14	20.06
	1RB-Middle (24)	1905 (19150)	20.27	20.28	20.22
		1880 (18900)	20.20	20.22	20.04
		1855 (18650)	20.12	20.20	20.11
	1RB-Low (0)	1905 (19150)	20.26	20.26	20.22
		1880 (18900)	20.12	20.22	20.10
		1855 (18650)	20.12	20.12	20.02
	25RB-High (25)	1905 (19150)	20.19	20.11	20.11
		1880 (18900)	20.09	20.10	20.03
		1855 (18650)	20.06	20.09	20.03
	25RB-Middle (12)	1905 (19150)	20.26	20.09	20.13
		1880 (18900)	20.10	20.00	20.10
		1855 (18650)	20.16	20.09	20.08
	25RB-Low (0)	1905 (19150)	20.35	20.20	20.08
		1880 (18900)	20.16	20.00	20.06
		1855 (18650)	20.10	20.13	20.01
	50RB (0)	1905 (19150)	20.26	20.09	20.05
		1880 (18900)	20.20	20.13	20.06
		1855 (18650)	20.07	20.09	20.00

15MHz	1RB-High (74)	1902.5 (19125)	20.09	20.22	20.14
		1880 (18900)	20.09	20.25	20.02
		1857.5 (18675)	20.00	20.13	20.07
	1RB-Middle (37)	1902.5 (19125)	20.22	20.25	20.12
		1880 (18900)	20.10	20.29	20.04
		1857.5 (18675)	20.06	20.23	20.06
	1RB-Low (0)	1902.5 (19125)	20.18	20.32	20.04
		1880 (18900)	20.03	20.23	20.14
		1857.5 (18675)	20.01	20.18	20.04
	36RB-High (38)	1902.5 (19125)	20.10	20.13	20.08
		1880 (18900)	20.10	20.00	20.10
		1857.5 (18675)	20.00	20.08	20.11
	36RB-Middle (19)	1902.5 (19125)	20.24	20.05	20.14
		1880 (18900)	20.16	20.03	20.07
		1857.5 (18675)	20.02	20.02	20.10
	36RB-Low (0)	1902.5 (19125)	20.18	20.06	20.14
		1880 (18900)	20.16	20.11	20.04
		1857.5 (18675)	20.07	20.10	20.08
	75RB (0)	1902.5 (19125)	20.16	20.01	20.09
		1880 (18900)	20.13	20.00	20.03
		1857.5 (18675)	20.08	20.00	20.00
20MHz	1RB-High (99)	1900 (19100)	20.22	20.34	20.24
		1880 (18900)	20.14	20.34	20.20
		1860 (18700)	20.14	20.27	20.08
	1RB-Middle (50)	1900 (19100)	20.18	20.47	20.34
		1880 (18900)	20.24	20.28	20.23
		1860 (18700)	20.26	20.31	20.11
	1RB-Low (0)	1900 (19100)	20.17	20.33	20.22
		1880 (18900)	20.16	20.22	20.15
		1860 (18700)	20.13	20.35	20.06
	50RB-High (50)	1900 (19100)	20.04	20.09	20.03
		1880 (18900)	20.02	20.03	20.07
		1860 (18700)	20.22	20.00	20.07
	50RB-Middle (25)	1900 (19100)	20.16	20.18	20.20
		1880 (18900)	20.29	20.13	20.03
		1860 (18700)	20.21	20.13	20.06
	50RB-Low (0)	1900 (19100)	20.11	20.23	20.17
		1880 (18900)	20.17	20.17	20.03
		1860 (18700)	20.21	20.04	20.01
	100RB (0)	1900 (19100)	20.15	20.09	20.07
		1880 (18900)	20.07	20.00	20.00
		1860 (18700)	20.27	20.08	20.01

LTE B4(ANT4 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	24.67	23.96	22.83
		1732.5 (20175)	24.66	23.87	22.77
		1710.7 (19957)	24.62	23.80	22.76
	1RB-Middle (3)	1754.3 (20393)	24.68	23.85	22.88
		1732.5 (20175)	24.69	23.94	22.81
		1710.7 (19957)	24.62	23.86	22.65
	1RB-Low (0)	1754.3 (20393)	24.71	24.05	22.90
		1732.5 (20175)	24.67	23.92	22.79
		1710.7 (19957)	24.62	23.82	22.72
	3RB-High (3)	1754.3 (20393)	24.71	23.72	22.76
		1732.5 (20175)	24.65	23.68	22.73
		1710.7 (19957)	24.66	23.66	22.69
	3RB-Middle (1)	1754.3 (20393)	24.68	23.75	22.79
		1732.5 (20175)	24.72	23.71	22.75
		1710.7 (19957)	24.61	23.59	22.72
	3RB-Low (0)	1754.3 (20393)	24.72	23.73	22.77
		1732.5 (20175)	24.67	23.66	22.73
		1710.7 (19957)	24.64	23.63	22.70
	6RB (0)	1754.3 (20393)	23.71	22.76	21.58
		1732.5 (20175)	23.68	22.75	21.63
		1710.7 (19957)	23.64	22.68	21.60
3MHz	1RB-High (14)	1753.5 (20385)	24.67	23.87	22.82
		1732.5 (20175)	24.66	23.91	22.78
		1711.5 (19965)	24.66	23.85	22.81
	1RB-Middle (7)	1753.5 (20385)	24.75	23.99	22.82
		1732.5 (20175)	24.71	23.83	22.80
		1711.5 (19965)	24.69	23.77	22.84
	1RB-Low (0)	1753.5 (20385)	24.75	24.01	22.87
		1732.5 (20175)	24.68	23.92	22.88
		1711.5 (19965)	24.63	23.89	22.76
	8RB-High (7)	1753.5 (20385)	23.67	22.78	21.75
		1732.5 (20175)	23.60	22.66	21.64
		1711.5 (19965)	23.62	22.74	21.68
	8RB-Middle (4)	1753.5 (20385)	23.71	22.73	21.70
		1732.5 (20175)	23.65	22.65	21.65
		1711.5 (19965)	23.63	22.72	21.68
	8RB-Low (0)	1753.5 (20385)	23.70	22.76	21.74
		1732.5 (20175)	23.67	22.70	21.67
		1711.5 (19965)	23.61	22.72	21.64
	15RB (0)	1753.5 (20385)	23.74	22.72	21.76
		1732.5 (20175)	23.63	22.63	21.60
		1711.5 (19965)	23.60	22.71	21.64

5MHz	1RB-High (24)	1752.5 (20375)	24.75	23.92	22.80
		1732.5 (20175)	24.66	23.81	22.72
		1712.5 (19975)	24.69	23.81	22.71
	1RB-Middle (12)	1752.5 (20375)	24.75	23.99	22.83
		1732.5 (20175)	24.76	23.94	22.83
		1712.5 (19975)	24.70	23.78	22.81
	1RB-Low (0)	1752.5 (20375)	24.81	23.94	22.89
		1732.5 (20175)	24.74	23.88	22.80
		1712.5 (19975)	24.68	23.86	22.75
	12RB-High (13)	1752.5 (20375)	23.67	22.70	21.65
		1732.5 (20175)	23.64	22.59	21.61
		1712.5 (19975)	23.60	22.61	21.58
	12RB-Middle (6)	1752.5 (20375)	23.73	22.74	21.73
		1732.5 (20175)	23.70	22.66	21.68
		1712.5 (19975)	23.63	22.62	21.61
	12RB-Low (0)	1752.5 (20375)	23.79	22.79	21.77
		1732.5 (20175)	23.70	22.71	21.71
		1712.5 (19975)	23.68	22.67	21.67
	25RB (0)	1752.5 (20375)	23.71	22.71	21.72
		1732.5 (20175)	23.63	22.63	21.65
		1712.5 (19975)	23.62	22.71	21.63
10MHz	1RB-High (49)	1750 (20350)	24.72	23.92	22.74
		1732.5 (20175)	24.65	23.90	22.73
		1715 (20000)	24.64	23.87	22.75
	1RB-Middle (24)	1750 (20350)	24.72	23.97	22.87
		1732.5 (20175)	24.74	23.94	22.72
		1715 (20000)	24.67	23.88	22.86
	1RB-Low (0)	1750 (20350)	24.72	23.99	22.84
		1732.5 (20175)	24.68	23.77	22.78
		1715 (20000)	24.67	23.86	22.79
	25RB-High (25)	1750 (20350)	23.73	22.78	21.78
		1732.5 (20175)	23.62	22.62	21.56
		1715 (20000)	23.70	22.69	21.60
	25RB-Middle (12)	1750 (20350)	23.73	22.75	21.71
		1732.5 (20175)	23.65	22.65	21.67
		1715 (20000)	23.64	22.63	21.65
	25RB-Low (0)	1750 (20350)	23.71	22.68	21.69
		1732.5 (20175)	23.75	22.77	21.76
		1715 (20000)	23.63	22.63	21.56
	50RB (0)	1750 (20350)	23.80	22.71	21.77
		1732.5 (20175)	23.68	22.70	21.62
		1715 (20000)	23.65	22.66	21.61

15MHz	1RB-High (74)	1747.5 (20325)	24.66	23.87	22.83
		1732.5 (20175)	24.61	23.79	22.78
		1717.5 (20025)	24.67	23.77	22.77
	1RB-Middle (37)	1747.5 (20325)	24.74	23.91	22.84
		1732.5 (20175)	24.69	23.86	22.83
		1717.5 (20025)	24.66	23.82	22.77
	1RB-Low (0)	1747.5 (20325)	24.76	23.88	22.81
		1732.5 (20175)	24.56	23.83	22.72
		1717.5 (20025)	24.59	23.81	22.75
	36RB-High (38)	1747.5 (20325)	23.74	22.71	21.72
		1732.5 (20175)	23.57	22.61	21.58
		1717.5 (20025)	23.59	22.57	21.56
	36RB-Middle (19)	1747.5 (20325)	23.66	22.65	21.66
		1732.5 (20175)	23.61	22.58	21.63
		1717.5 (20025)	23.58	22.60	21.63
	36RB-Low (0)	1747.5 (20325)	23.62	22.71	21.67
		1732.5 (20175)	23.65	22.63	21.63
		1717.5 (20025)	23.61	22.58	21.59
	75RB (0)	1747.5 (20325)	23.70	22.66	21.70
		1732.5 (20175)	23.61	22.64	21.60
		1717.5 (20025)	23.60	22.57	21.56
20MHz	1RB-High (99)	1745 (20300)	24.64	23.88	22.71
		1732.5 (20175)	24.67	23.82	22.77
		1720 (20050)	24.61	23.78	22.71
	1RB-Middle (50)	1745 (20300)	24.70	24.00	22.86
		1732.5 (20175)	24.71	23.93	22.78
		1720 (20050)	24.70	23.80	22.75
	1RB-Low (0)	1745 (20300)	24.58	23.82	22.65
		1732.5 (20175)	24.60	23.81	22.64
		1720 (20050)	24.58	23.75	22.63
	50RB-High (50)	1745 (20300)	23.75	22.74	21.75
		1732.5 (20175)	23.55	22.58	21.59
		1720 (20050)	23.55	22.50	21.53
	50RB-Middle (25)	1745 (20300)	23.70	22.67	21.65
		1732.5 (20175)	23.61	22.65	21.58
		1720 (20050)	23.62	22.63	21.56
	50RB-Low (0)	1745 (20300)	23.71	22.66	21.66
		1732.5 (20175)	23.70	22.72	21.70
		1720 (20050)	23.61	22.55	21.51
	100RB (0)	1745 (20300)	23.68	22.66	21.70
		1732.5 (20175)	23.67	22.62	21.59
		1720 (20050)	23.52	22.47	21.55

LTE B4(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	17.72	17.95	17.84
		1732.5 (20175)	17.58	17.80	17.74
		1710.7 (19957)	17.50	17.79	17.61
	1RB-Middle (3)	1754.3 (20393)	17.73	18.03	17.86
		1732.5 (20175)	17.59	17.82	17.79
		1710.7 (19957)	17.48	17.78	17.65
	1RB-Low (0)	1754.3 (20393)	17.69	17.97	17.93
		1732.5 (20175)	17.56	17.82	17.78
		1710.7 (19957)	17.48	17.82	17.61
	3RB-High (3)	1754.3 (20393)	17.71	17.73	17.77
		1732.5 (20175)	17.59	17.54	17.67
		1710.7 (19957)	17.53	17.48	17.65
	3RB-Middle (1)	1754.3 (20393)	17.71	17.69	17.83
		1732.5 (20175)	17.59	17.59	17.68
		1710.7 (19957)	17.55	17.50	17.62
	3RB-Low (0)	1754.3 (20393)	17.70	17.67	17.79
		1732.5 (20175)	17.60	17.62	17.70
		1710.7 (19957)	17.48	17.54	17.60
	6RB (0)	1754.3 (20393)	17.68	17.79	17.70
		1732.5 (20175)	17.63	17.63	17.57
		1710.7 (19957)	17.54	17.57	17.51
3MHz	1RB-High (14)	1753.5 (20385)	17.73	18.04	17.92
		1732.5 (20175)	17.57	17.91	17.72
		1711.5 (19965)	17.53	17.86	17.69
	1RB-Middle (7)	1753.5 (20385)	17.72	17.93	17.89
		1732.5 (20175)	17.59	17.95	17.77
		1711.5 (19965)	17.55	17.74	17.71
	1RB-Low (0)	1753.5 (20385)	17.64	17.92	17.87
		1732.5 (20175)	17.56	17.96	17.83
		1711.5 (19965)	17.52	17.73	17.69
	8RB-High (7)	1753.5 (20385)	17.67	17.79	17.74
		1732.5 (20175)	17.57	17.61	17.57
		1711.5 (19965)	17.54	17.66	17.59
	8RB-Middle (4)	1753.5 (20385)	17.63	17.72	17.75
		1732.5 (20175)	17.53	17.67	17.61
		1711.5 (19965)	17.52	17.53	17.56
	8RB-Low (0)	1753.5 (20385)	17.61	17.74	17.67
		1732.5 (20175)	17.57	17.67	17.68
		1711.5 (19965)	17.51	17.57	17.60
	15RB (0)	1753.5 (20385)	17.64	17.68	17.70
		1732.5 (20175)	17.56	17.59	17.58
		1711.5 (19965)	17.51	17.55	17.56

5MHz	1RB-High (24)	1752.5 (20375)	17.77	18.01	17.92
		1732.5 (20175)	17.67	17.91	17.85
		1712.5 (19975)	17.64	17.93	17.79
	1RB-Middle (12)	1752.5 (20375)	17.74	18.02	17.91
		1732.5 (20175)	17.65	17.94	17.86
		1712.5 (19975)	17.65	17.79	17.73
	1RB-Low (0)	1752.5 (20375)	17.78	18.06	17.92
		1732.5 (20175)	17.64	17.89	17.75
		1712.5 (19975)	17.55	17.78	17.67
	12RB-High (13)	1752.5 (20375)	17.63	17.70	17.71
		1732.5 (20175)	17.59	17.56	17.63
		1712.5 (19975)	17.56	17.54	17.63
	12RB-Middle (6)	1752.5 (20375)	17.73	17.71	17.71
		1732.5 (20175)	17.62	17.61	17.61
		1712.5 (19975)	17.55	17.60	17.64
	12RB-Low (0)	1752.5 (20375)	17.71	17.67	17.73
		1732.5 (20175)	17.64	17.70	17.72
		1712.5 (19975)	17.57	17.53	17.58
	25RB (0)	1752.5 (20375)	17.70	17.71	17.70
		1732.5 (20175)	17.61	17.66	17.62
		1712.5 (19975)	17.56	17.61	17.55
10MHz	1RB-High (49)	1750 (20350)	17.76	18.11	17.92
		1732.5 (20175)	17.68	17.94	17.84
		1715 (20000)	17.62	17.86	17.76
	1RB-Middle (24)	1750 (20350)	17.70	18.01	17.90
		1732.5 (20175)	17.66	17.90	17.85
		1715 (20000)	17.56	17.88	17.74
	1RB-Low (0)	1750 (20350)	17.66	17.98	17.80
		1732.5 (20175)	17.63	17.87	17.83
		1715 (20000)	17.59	17.90	17.70
	25RB-High (25)	1750 (20350)	17.65	17.74	17.78
		1732.5 (20175)	17.52	17.57	17.61
		1715 (20000)	17.64	17.63	17.59
	25RB-Middle (12)	1750 (20350)	17.69	17.72	17.72
		1732.5 (20175)	17.66	17.66	17.65
		1715 (20000)	17.56	17.57	17.63
	25RB-Low (0)	1750 (20350)	17.62	17.64	17.66
		1732.5 (20175)	17.68	17.69	17.66
		1715 (20000)	17.56	17.56	17.59
	50RB (0)	1750 (20350)	17.72	17.65	17.69
		1732.5 (20175)	17.56	17.69	17.63
		1715 (20000)	17.58	17.60	17.61

15MHz	1RB-High (74)	1747.5 (20325)	17.68	17.91	17.83
		1732.5 (20175)	17.57	17.76	17.70
		1717.5 (20025)	17.53	17.76	17.64
	1RB-Middle (37)	1747.5 (20325)	17.68	17.90	17.89
		1732.5 (20175)	17.59	17.81	17.72
		1717.5 (20025)	17.52	17.80	17.69
	1RB-Low (0)	1747.5 (20325)	17.60	17.85	17.71
		1732.5 (20175)	17.51	17.72	17.70
		1717.5 (20025)	17.48	17.71	17.65
	36RB-High (38)	1747.5 (20325)	17.67	17.66	17.69
		1732.5 (20175)	17.52	17.59	17.57
		1717.5 (20025)	17.54	17.61	17.53
	36RB-Middle (19)	1747.5 (20325)	17.57	17.56	17.68
		1732.5 (20175)	17.53	17.54	17.63
		1717.5 (20025)	17.56	17.58	17.61
	36RB-Low (0)	1747.5 (20325)	17.61	17.63	17.66
		1732.5 (20175)	17.58	17.63	17.63
		1717.5 (20025)	17.56	17.58	17.56
	75RB (0)	1747.5 (20325)	17.64	17.62	17.67
		1732.5 (20175)	17.57	17.62	17.61
		1717.5 (20025)	17.52	17.60	17.52
20MHz	1RB-High (99)	1745 (20300)	17.62	17.94	17.86
		1732.5 (20175)	17.57	17.94	17.73
		1720 (20050)	17.51	17.72	17.69
	1RB-Middle (50)	1745 (20300)	17.68	17.96	17.72
		1732.5 (20175)	17.70	17.83	17.73
		1720 (20050)	17.60	17.88	17.71
	1RB-Low (0)	1745 (20300)	17.55	17.90	17.72
		1732.5 (20175)	17.51	17.79	17.64
		1720 (20050)	17.50	17.76	17.61
	50RB-High (50)	1745 (20300)	17.69	17.72	17.74
		1732.5 (20175)	17.57	17.54	17.59
		1720 (20050)	17.51	17.52	17.53
	50RB-Middle (25)	1745 (20300)	17.69	17.63	17.63
		1732.5 (20175)	17.70	17.65	17.59
		1720 (20050)	17.52	17.60	17.60
	50RB-Low (0)	1745 (20300)	17.62	17.68	17.68
		1732.5 (20175)	17.66	17.65	17.63
		1720 (20050)	17.58	17.55	17.58
	100RB (0)	1745 (20300)	17.61	17.67	17.69
		1732.5 (20175)	17.60	17.59	17.58
		1720 (20050)	17.51	17.54	17.50

LTE B4(ANT4 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	22.68	22.99	22.82
		1732.5 (20175)	22.55	22.74	22.77
		1710.7 (19957)	22.53	22.74	22.64
	1RB-Middle (3)	1754.3 (20393)	22.73	23.04	22.85
		1732.5 (20175)	22.56	22.77	22.69
		1710.7 (19957)	22.51	22.70	22.59
	1RB-Low (0)	1754.3 (20393)	22.67	23.02	22.88
		1732.5 (20175)	22.55	22.81	22.68
		1710.7 (19957)	22.47	22.64	22.66
	3RB-High (3)	1754.3 (20393)	22.67	22.63	22.81
		1732.5 (20175)	22.54	22.51	22.63
		1710.7 (19957)	22.53	22.54	22.59
	3RB-Middle (1)	1754.3 (20393)	22.69	22.68	22.78
		1732.5 (20175)	22.56	22.60	22.59
		1710.7 (19957)	22.57	22.50	22.65
	3RB-Low (0)	1754.3 (20393)	22.69	22.72	22.77
		1732.5 (20175)	22.57	22.60	22.67
		1710.7 (19957)	22.48	22.50	22.61
	6RB (0)	1754.3 (20393)	22.74	22.78	21.65
		1732.5 (20175)	22.59	22.71	21.54
		1710.7 (19957)	22.57	22.59	21.46
3MHz	1RB-High (14)	1753.5 (20385)	22.68	23.02	22.84
		1732.5 (20175)	22.57	22.82	22.68
		1711.5 (19965)	22.50	22.68	22.62
	1RB-Middle (7)	1753.5 (20385)	22.68	22.94	22.93
		1732.5 (20175)	22.57	22.95	22.74
		1711.5 (19965)	22.55	22.75	22.66
	1RB-Low (0)	1753.5 (20385)	22.58	22.94	22.76
		1732.5 (20175)	22.52	22.87	22.71
		1711.5 (19965)	22.52	22.72	22.62
	8RB-High (7)	1753.5 (20385)	22.67	22.69	21.69
		1732.5 (20175)	22.52	22.59	21.58
		1711.5 (19965)	22.48	22.61	21.56
	8RB-Middle (4)	1753.5 (20385)	22.63	22.68	21.69
		1732.5 (20175)	22.55	22.61	21.55
		1711.5 (19965)	22.50	22.61	21.55
	8RB-Low (0)	1753.5 (20385)	22.61	22.67	21.68
		1732.5 (20175)	22.56	22.67	21.61
		1711.5 (19965)	22.51	22.55	21.52
	15RB (0)	1753.5 (20385)	22.66	22.65	21.64
		1732.5 (20175)	22.53	22.59	21.50
		1711.5 (19965)	22.44	22.53	21.53

5MHz	1RB-High (24)	1752.5 (20375)	22.73	23.04	22.82
		1732.5 (20175)	22.60	22.89	22.70
		1712.5 (19975)	22.54	22.80	22.67
	1RB-Middle (12)	1752.5 (20375)	22.66	22.99	22.80
		1732.5 (20175)	22.62	22.89	22.81
		1712.5 (19975)	22.61	22.85	22.70
	1RB-Low (0)	1752.5 (20375)	22.69	22.92	22.84
		1732.5 (20175)	22.60	22.79	22.71
		1712.5 (19975)	22.52	22.86	22.69
	12RB-High (13)	1752.5 (20375)	22.60	22.61	21.69
		1732.5 (20175)	22.59	22.51	21.58
		1712.5 (19975)	22.55	22.53	21.61
	12RB-Middle (6)	1752.5 (20375)	22.62	22.69	21.65
		1732.5 (20175)	22.61	22.60	21.62
		1712.5 (19975)	22.53	22.58	21.53
	12RB-Low (0)	1752.5 (20375)	22.68	22.65	21.63
		1732.5 (20175)	22.65	22.61	21.61
		1712.5 (19975)	22.54	22.51	21.52
	25RB (0)	1752.5 (20375)	22.65	22.74	21.67
		1732.5 (20175)	22.62	22.67	21.59
		1712.5 (19975)	22.53	22.57	21.56
10MHz	1RB-High (49)	1750 (20350)	22.60	23.02	22.85
		1732.5 (20175)	22.59	22.84	22.73
		1715 (20000)	22.53	22.77	22.74
	1RB-Middle (24)	1750 (20350)	22.63	22.97	22.85
		1732.5 (20175)	22.62	22.92	22.78
		1715 (20000)	22.57	22.90	22.71
	1RB-Low (0)	1750 (20350)	22.59	22.88	22.79
		1732.5 (20175)	22.56	22.75	22.69
		1715 (20000)	22.52	22.69	22.68
	25RB-High (25)	1750 (20350)	22.63	22.73	21.63
		1732.5 (20175)	22.57	22.59	21.53
		1715 (20000)	22.57	22.63	21.62
	25RB-Middle (12)	1750 (20350)	22.64	22.69	21.64
		1732.5 (20175)	22.62	22.63	21.59
		1715 (20000)	22.54	22.62	21.60
	25RB-Low (0)	1750 (20350)	22.65	22.71	21.62
		1732.5 (20175)	22.66	22.68	21.65
		1715 (20000)	22.53	22.52	21.55
	50RB (0)	1750 (20350)	22.70	22.70	21.69
		1732.5 (20175)	22.64	22.57	21.61
		1715 (20000)	22.57	22.59	21.60

15MHz	1RB-High (74)	1747.5 (20325)	22.59	22.97	22.78
		1732.5 (20175)	22.55	22.74	22.69
		1717.5 (20025)	22.45	22.83	22.57
	1RB-Middle (37)	1747.5 (20325)	22.63	22.90	22.80
		1732.5 (20175)	22.57	22.90	22.67
		1717.5 (20025)	22.48	22.75	22.68
	1RB-Low (0)	1747.5 (20325)	22.57	22.80	22.75
		1732.5 (20175)	22.47	22.77	22.60
		1717.5 (20025)	22.44	22.70	22.63
	36RB-High (38)	1747.5 (20325)	22.60	22.67	21.66
		1732.5 (20175)	22.57	22.59	21.54
		1717.5 (20025)	22.56	22.48	21.56
	36RB-Middle (19)	1747.5 (20325)	22.58	22.62	21.62
		1732.5 (20175)	22.54	22.57	21.56
		1717.5 (20025)	22.48	22.51	21.52
	36RB-Low (0)	1747.5 (20325)	22.60	22.60	21.56
		1732.5 (20175)	22.55	22.57	21.57
		1717.5 (20025)	22.47	22.55	21.57
	75RB (0)	1747.5 (20325)	22.67	22.57	21.60
		1732.5 (20175)	22.58	22.53	21.57
		1717.5 (20025)	22.52	22.51	21.51
20MHz	1RB-High (99)	1745 (20300)	22.56	22.80	22.78
		1732.5 (20175)	22.52	22.77	22.74
		1720 (20050)	22.45	22.73	22.65
	1RB-Middle (50)	1745 (20300)	22.60	22.84	22.72
		1732.5 (20175)	22.61	22.77	22.75
		1720 (20050)	22.58	22.73	22.70
	1RB-Low (0)	1745 (20300)	22.46	22.79	22.69
		1732.5 (20175)	22.44	22.64	22.55
		1720 (20050)	22.40	22.70	22.46
	50RB-High (50)	1745 (20300)	22.65	22.65	21.68
		1732.5 (20175)	22.53	22.52	21.50
		1720 (20050)	22.52	22.49	21.47
	50RB-Middle (25)	1745 (20300)	22.65	22.66	21.63
		1732.5 (20175)	22.54	22.63	21.54
		1720 (20050)	22.58	22.58	21.53
	50RB-Low (0)	1745 (20300)	22.66	22.63	21.61
		1732.5 (20175)	22.59	22.60	21.61
		1720 (20050)	22.59	22.55	21.53
	100RB (0)	1745 (20300)	22.64	22.60	21.61
		1732.5 (20175)	22.59	22.54	21.53
		1720 (20050)	22.52	22.50	21.44

LTE B4(ANT1 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	24.49	23.57	22.51
		1732.5 (20175)	24.48	23.48	22.45
		1710.7 (19957)	24.44	23.41	22.44
	1RB-Middle (3)	1754.3 (20393)	24.50	23.46	22.56
		1732.5 (20175)	24.51	23.55	22.49
		1710.7 (19957)	24.44	23.47	22.33
	1RB-Low (0)	1754.3 (20393)	24.53	23.66	22.58
		1732.5 (20175)	24.49	23.53	22.47
		1710.7 (19957)	24.44	23.43	22.40
	3RB-High (3)	1754.3 (20393)	24.53	23.33	22.44
		1732.5 (20175)	24.47	23.29	22.41
		1710.7 (19957)	24.48	23.27	22.37
	3RB-Middle (1)	1754.3 (20393)	24.50	23.36	22.47
		1732.5 (20175)	24.54	23.32	22.43
		1710.7 (19957)	24.43	23.20	22.40
	3RB-Low (0)	1754.3 (20393)	24.54	23.34	22.45
		1732.5 (20175)	24.49	23.27	22.41
		1710.7 (19957)	24.46	23.24	22.38
	6RB (0)	1754.3 (20393)	23.54	22.39	21.28
		1732.5 (20175)	23.51	22.38	21.33
		1710.7 (19957)	23.47	22.31	21.30
3MHz	1RB-High (14)	1753.5 (20385)	24.49	23.48	22.50
		1732.5 (20175)	24.48	23.52	22.46
		1711.5 (19965)	24.48	23.46	22.49
	1RB-Middle (7)	1753.5 (20385)	24.57	23.60	22.50
		1732.5 (20175)	24.53	23.44	22.48
		1711.5 (19965)	24.51	23.38	22.52
	1RB-Low (0)	1753.5 (20385)	24.57	23.62	22.55
		1732.5 (20175)	24.50	23.53	22.56
		1711.5 (19965)	24.45	23.50	22.44
	8RB-High (7)	1753.5 (20385)	23.50	22.41	21.44
		1732.5 (20175)	23.43	22.29	21.34
		1711.5 (19965)	23.45	22.37	21.37
	8RB-Middle (4)	1753.5 (20385)	23.54	22.36	21.39
		1732.5 (20175)	23.48	22.28	21.34
		1711.5 (19965)	23.46	22.35	21.37
	8RB-Low (0)	1753.5 (20385)	23.53	22.39	21.43
		1732.5 (20175)	23.50	22.33	21.36
		1711.5 (19965)	23.44	22.35	21.34
	15RB (0)	1753.5 (20385)	23.57	22.35	21.45
		1732.5 (20175)	23.46	22.26	21.30
		1711.5 (19965)	23.43	22.34	21.34

5MHz	1RB-High (24)	1752.5 (20375)	24.57	23.53	22.48
		1732.5 (20175)	24.48	23.42	22.40
		1712.5 (19975)	24.51	23.42	22.39
	1RB-Middle (12)	1752.5 (20375)	24.57	23.60	22.51
		1732.5 (20175)	24.58	23.55	22.51
		1712.5 (19975)	24.52	23.39	22.49
	1RB-Low (0)	1752.5 (20375)	24.63	23.55	22.57
		1732.5 (20175)	24.56	23.49	22.48
		1712.5 (19975)	24.50	23.47	22.43
	12RB-High (13)	1752.5 (20375)	23.50	22.33	21.34
		1732.5 (20175)	23.47	22.22	21.31
		1712.5 (19975)	23.43	22.24	21.28
	12RB-Middle (6)	1752.5 (20375)	23.56	22.37	21.42
		1732.5 (20175)	23.53	22.29	21.37
		1712.5 (19975)	23.46	22.25	21.31
	12RB-Low (0)	1752.5 (20375)	23.62	22.42	21.46
		1732.5 (20175)	23.53	22.34	21.40
		1712.5 (19975)	23.51	22.30	21.36
	25RB (0)	1752.5 (20375)	23.54	22.34	21.41
		1732.5 (20175)	23.46	22.26	21.34
		1712.5 (19975)	23.45	22.34	21.33
10MHz	1RB-High (49)	1750 (20350)	24.54	23.53	22.42
		1732.5 (20175)	24.47	23.51	22.41
		1715 (20000)	24.46	23.48	22.43
	1RB-Middle (24)	1750 (20350)	24.54	23.58	22.55
		1732.5 (20175)	24.56	23.55	22.40
		1715 (20000)	24.49	23.49	22.54
	1RB-Low (0)	1750 (20350)	24.54	23.60	22.52
		1732.5 (20175)	24.50	23.38	22.46
		1715 (20000)	24.49	23.47	22.47
	25RB-High (25)	1750 (20350)	23.56	22.41	21.47
		1732.5 (20175)	23.45	22.25	21.26
		1715 (20000)	23.53	22.32	21.30
	25RB-Middle (12)	1750 (20350)	23.56	22.38	21.40
		1732.5 (20175)	23.48	22.28	21.36
		1715 (20000)	23.47	22.26	21.34
	25RB-Low (0)	1750 (20350)	23.54	22.31	21.38
		1732.5 (20175)	23.58	22.40	21.45
		1715 (20000)	23.46	22.26	21.26
	50RB (0)	1750 (20350)	23.63	22.34	21.46
		1732.5 (20175)	23.51	22.33	21.32
		1715 (20000)	23.48	22.29	21.31

15MHz	1RB-High (74)	1747.5 (20325)	24.48	23.48	22.51
		1732.5 (20175)	24.43	23.40	22.46
		1717.5 (20025)	24.49	23.38	22.45
	1RB-Middle (37)	1747.5 (20325)	24.56	23.52	22.52
		1732.5 (20175)	24.51	23.47	22.51
		1717.5 (20025)	24.48	23.43	22.45
	1RB-Low (0)	1747.5 (20325)	24.58	23.49	22.49
		1732.5 (20175)	24.38	23.44	22.40
		1717.5 (20025)	24.41	23.42	22.43
	36RB-High (38)	1747.5 (20325)	23.57	22.34	21.41
		1732.5 (20175)	23.40	22.24	21.28
		1717.5 (20025)	23.42	22.20	21.26
	36RB-Middle (19)	1747.5 (20325)	23.49	22.28	21.35
		1732.5 (20175)	23.44	22.21	21.33
		1717.5 (20025)	23.41	22.23	21.33
	36RB-Low (0)	1747.5 (20325)	23.45	22.34	21.36
		1732.5 (20175)	23.48	22.26	21.33
		1717.5 (20025)	23.44	22.21	21.29
	75RB (0)	1747.5 (20325)	23.53	22.29	21.39
		1732.5 (20175)	23.44	22.27	21.30
		1717.5 (20025)	23.43	22.20	21.26
20MHz	1RB-High (99)	1745 (20300)	24.46	23.49	22.39
		1732.5 (20175)	24.44	23.47	22.37
		1720 (20050)	24.43	23.46	22.36
	1RB-Middle (50)	1745 (20300)	24.52	23.55	22.44
		1732.5 (20175)	24.60	23.62	22.51
		1720 (20050)	24.55	23.57	22.46
	1RB-Low (0)	1745 (20300)	24.46	23.49	22.39
		1732.5 (20175)	24.45	23.48	22.38
		1720 (20050)	24.43	23.46	22.36
	50RB-High (50)	1745 (20300)	23.30	22.28	21.44
		1732.5 (20175)	23.67	22.62	21.75
		1720 (20050)	23.56	22.52	21.66
	50RB-Middle (25)	1745 (20300)	23.49	22.45	21.60
		1732.5 (20175)	23.58	22.54	21.67
		1720 (20050)	23.53	22.49	21.63
	50RB-Low (0)	1745 (20300)	23.38	22.35	21.50
		1732.5 (20175)	23.41	22.38	21.53
		1720 (20050)	23.66	22.64	21.77
	100RB (0)	1745 (20300)	23.30	22.28	21.44
		1732.5 (20175)	23.57	22.53	21.67
		1720 (20050)	23.66	22.61	21.74

LTE B4(ANT1 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	20.72	20.79	20.76
		1732.5 (20175)	20.71	20.78	20.69
		1710.7 (19957)	20.69	20.76	20.67
	1RB-Middle (3)	1754.3 (20393)	20.76	20.83	20.74
		1732.5 (20175)	20.82	20.89	20.80
		1710.7 (19957)	20.77	20.84	20.75
	1RB-Low (0)	1754.3 (20393)	20.74	20.81	20.72
		1732.5 (20175)	20.70	20.77	20.68
		1710.7 (19957)	20.67	20.74	20.65
	3RB-High (3)	1754.3 (20393)	20.55	20.53	20.52
		1732.5 (20175)	20.91	20.89	20.88
		1710.7 (19957)	20.82	20.80	20.79
	3RB-Middle (1)	1754.3 (20393)	20.74	20.72	20.71
		1732.5 (20175)	20.81	20.79	20.78
		1710.7 (19957)	20.79	20.77	20.76
	3RB-Low (0)	1754.3 (20393)	20.62	20.60	20.59
		1732.5 (20175)	20.72	20.70	20.69
		1710.7 (19957)	20.94	20.92	20.91
	6RB (0)	1754.3 (20393)	20.57	20.55	20.54
		1732.5 (20175)	20.81	20.79	20.78
		1710.7 (19957)	20.85	20.83	20.82
3MHz	1RB-High (14)	1753.5 (20385)	20.76	20.83	20.80
		1732.5 (20175)	20.75	20.82	20.73
		1711.5 (19965)	20.73	20.80	20.71
	1RB-Middle (7)	1753.5 (20385)	20.80	20.87	20.78
		1732.5 (20175)	20.86	20.93	20.84
		1711.5 (19965)	20.81	20.88	20.79
	1RB-Low (0)	1753.5 (20385)	20.78	20.85	20.76
		1732.5 (20175)	20.74	20.81	20.72
		1711.5 (19965)	20.71	20.78	20.69
	8RB-High (7)	1753.5 (20385)	20.59	20.57	20.56
		1732.5 (20175)	20.95	20.93	20.92
		1711.5 (19965)	20.86	20.84	20.83
	8RB-Middle (4)	1753.5 (20385)	20.78	20.76	20.75
		1732.5 (20175)	20.85	20.83	20.82
		1711.5 (19965)	20.83	20.81	20.80
	8RB-Low (0)	1753.5 (20385)	20.66	20.64	20.63
		1732.5 (20175)	20.76	20.74	20.73
		1711.5 (19965)	20.98	20.96	20.95
	15RB (0)	1753.5 (20385)	20.61	20.59	20.58
		1732.5 (20175)	20.85	20.83	20.82
		1711.5 (19965)	20.89	20.87	20.86

5MHz	1RB-High (24)	1752.5 (20375)	20.80	20.87	20.84
		1732.5 (20175)	20.79	20.86	20.77
		1712.5 (19975)	20.77	20.84	20.75
	1RB-Middle (12)	1752.5 (20375)	20.84	20.91	20.82
		1732.5 (20175)	20.90	20.97	20.88
		1712.5 (19975)	20.85	20.92	20.83
	1RB-Low (0)	1752.5 (20375)	20.82	20.89	20.80
		1732.5 (20175)	20.78	20.85	20.76
		1712.5 (19975)	20.75	20.82	20.73
	12RB-High (13)	1752.5 (20375)	20.63	20.61	20.60
		1732.5 (20175)	20.99	20.97	20.96
		1712.5 (19975)	20.90	20.88	20.87
	12RB-Middle (6)	1752.5 (20375)	20.82	20.80	20.79
		1732.5 (20175)	20.89	20.87	20.86
		1712.5 (19975)	20.87	20.85	20.84
	12RB-Low (0)	1752.5 (20375)	20.70	20.68	20.67
		1732.5 (20175)	20.80	20.78	20.77
		1712.5 (19975)	21.02	21.00	20.99
	25RB (0)	1752.5 (20375)	20.65	20.63	20.62
		1732.5 (20175)	20.89	20.87	20.86
		1712.5 (19975)	20.93	20.91	20.90
10MHz	1RB-High (49)	1750 (20350)	20.84	20.91	20.88
		1732.5 (20175)	20.83	20.90	20.81
		1715 (20000)	20.81	20.88	20.79
	1RB-Middle (24)	1750 (20350)	20.88	20.95	20.86
		1732.5 (20175)	20.94	21.01	20.92
		1715 (20000)	20.89	20.96	20.87
	1RB-Low (0)	1750 (20350)	20.86	20.93	20.84
		1732.5 (20175)	20.82	20.89	20.80
		1715 (20000)	20.79	20.86	20.77
	25RB-High (25)	1750 (20350)	20.67	20.65	20.64
		1732.5 (20175)	21.03	21.01	21.00
		1715 (20000)	20.94	20.92	20.91
	25RB-Middle (12)	1750 (20350)	20.86	20.84	20.83
		1732.5 (20175)	20.93	20.91	20.90
		1715 (20000)	20.91	20.89	20.88
	25RB-Low (0)	1750 (20350)	20.74	20.72	20.71
		1732.5 (20175)	20.84	20.82	20.81
		1715 (20000)	21.06	21.04	21.03
	50RB (0)	1750 (20350)	20.69	20.67	20.66
		1732.5 (20175)	20.93	20.91	20.90
		1715 (20000)	20.97	20.95	20.94

15MHz	1RB-High (74)	1747.5 (20325)	20.88	20.95	20.92
		1732.5 (20175)	20.87	20.94	20.85
		1717.5 (20025)	20.85	20.92	20.83
	1RB-Middle (37)	1747.5 (20325)	20.92	20.99	20.90
		1732.5 (20175)	20.98	21.05	20.96
		1717.5 (20025)	20.93	21.00	20.91
	1RB-Low (0)	1747.5 (20325)	20.90	20.97	20.88
		1732.5 (20175)	20.86	20.93	20.84
		1717.5 (20025)	20.83	20.90	20.81
	36RB-High (38)	1747.5 (20325)	20.71	20.69	20.68
		1732.5 (20175)	21.07	21.05	21.04
		1717.5 (20025)	20.98	20.96	20.95
	36RB-Middle (19)	1747.5 (20325)	20.90	20.88	20.87
		1732.5 (20175)	20.97	20.95	20.94
		1717.5 (20025)	20.95	20.93	20.92
	36RB-Low (0)	1747.5 (20325)	20.78	20.76	20.75
		1732.5 (20175)	20.88	20.86	20.85
		1717.5 (20025)	21.10	21.08	21.07
	75RB (0)	1747.5 (20325)	20.73	20.71	20.70
		1732.5 (20175)	20.97	20.95	20.94
		1717.5 (20025)	21.01	20.99	20.98
20MHz	1RB-High (99)	1745 (20300)	20.92	20.99	20.96
		1732.5 (20175)	20.91	20.98	20.89
		1720 (20050)	20.89	20.96	20.87
	1RB-Middle (50)	1745 (20300)	20.96	21.03	20.94
		1732.5 (20175)	21.02	21.09	21.00
		1720 (20050)	20.97	21.04	20.95
	1RB-Low (0)	1745 (20300)	20.94	21.01	20.92
		1732.5 (20175)	20.90	20.97	20.88
		1720 (20050)	20.87	20.94	20.85
	50RB-High (50)	1745 (20300)	20.75	20.73	20.72
		1732.5 (20175)	21.11	21.09	21.08
		1720 (20050)	21.02	21.00	20.99
	50RB-Middle (25)	1745 (20300)	20.94	20.92	20.91
		1732.5 (20175)	21.01	20.99	20.98
		1720 (20050)	20.99	20.97	20.96
	50RB-Low (0)	1745 (20300)	20.82	20.80	20.79
		1732.5 (20175)	20.92	20.90	20.89
		1720 (20050)	21.08	21.12	21.11
	100RB (0)	1745 (20300)	20.77	20.75	20.74
		1732.5 (20175)	21.01	20.99	20.98
		1720 (20050)	21.05	21.03	21.02

LTE B4(ANT1 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	18.08	18.15	18.11
		1732.5 (20175)	17.94	18.00	18.01
		1710.7 (19957)	17.86	17.99	17.88
	1RB-Middle (3)	1754.3 (20393)	18.09	18.23	18.13
		1732.5 (20175)	17.95	18.02	18.06
		1710.7 (19957)	17.84	17.98	17.92
	1RB-Low (0)	1754.3 (20393)	18.05	18.17	18.20
		1732.5 (20175)	17.92	18.02	18.05
		1710.7 (19957)	17.84	18.02	17.88
	3RB-High (3)	1754.3 (20393)	18.07	17.93	18.04
		1732.5 (20175)	17.95	17.74	17.94
		1710.7 (19957)	17.89	17.68	17.92
	3RB-Middle (1)	1754.3 (20393)	18.07	17.89	18.10
		1732.5 (20175)	17.95	17.79	17.95
		1710.7 (19957)	17.91	17.70	17.89
	3RB-Low (0)	1754.3 (20393)	18.06	17.87	18.06
		1732.5 (20175)	17.96	17.82	17.97
		1710.7 (19957)	17.84	17.74	17.87
	6RB (0)	1754.3 (20393)	18.04	17.99	17.97
		1732.5 (20175)	17.99	17.83	17.84
		1710.7 (19957)	17.90	17.77	17.78
3MHz	1RB-High (14)	1753.5 (20385)	18.09	18.24	18.19
		1732.5 (20175)	17.93	18.11	17.99
		1711.5 (19965)	17.89	18.06	17.96
	1RB-Middle (7)	1753.5 (20385)	18.08	18.13	18.16
		1732.5 (20175)	17.95	18.15	18.04
		1711.5 (19965)	17.91	17.94	17.98
	1RB-Low (0)	1753.5 (20385)	18.00	18.12	18.14
		1732.5 (20175)	17.92	18.16	18.10
		1711.5 (19965)	17.88	17.93	17.96
	8RB-High (7)	1753.5 (20385)	18.03	17.99	18.01
		1732.5 (20175)	17.93	17.81	17.84
		1711.5 (19965)	17.90	17.86	17.86
	8RB-Middle (4)	1753.5 (20385)	17.99	17.92	18.02
		1732.5 (20175)	17.89	17.87	17.88
		1711.5 (19965)	17.88	17.73	17.83
	8RB-Low (0)	1753.5 (20385)	17.97	17.94	17.94
		1732.5 (20175)	17.93	17.87	17.95
		1711.5 (19965)	17.87	17.77	17.87
	15RB (0)	1753.5 (20385)	18.00	17.88	17.97
		1732.5 (20175)	17.92	17.79	17.85
		1711.5 (19965)	17.87	17.75	17.83

5MHz	1RB-High (24)	1752.5 (20375)	18.14	18.21	18.19
		1732.5 (20175)	18.03	18.11	18.12
		1712.5 (19975)	18.00	18.13	18.06
	1RB-Middle (12)	1752.5 (20375)	18.10	18.22	18.18
		1732.5 (20175)	18.01	18.14	18.13
		1712.5 (19975)	18.01	17.99	18.00
	1RB-Low (0)	1752.5 (20375)	18.15	18.26	18.19
		1732.5 (20175)	18.00	18.09	18.02
		1712.5 (19975)	17.91	17.98	17.94
	12RB-High (13)	1752.5 (20375)	17.99	17.90	17.98
		1732.5 (20175)	17.95	17.76	17.90
		1712.5 (19975)	17.92	17.74	17.90
	12RB-Middle (6)	1752.5 (20375)	18.09	17.91	17.98
		1732.5 (20175)	17.98	17.81	17.88
		1712.5 (19975)	17.91	17.80	17.91
	12RB-Low (0)	1752.5 (20375)	18.07	17.87	18.00
		1732.5 (20175)	18.00	17.90	17.99
		1712.5 (19975)	17.93	17.73	17.85
	25RB (0)	1752.5 (20375)	18.06	17.91	17.97
		1732.5 (20175)	17.97	17.86	17.89
		1712.5 (19975)	17.92	17.81	17.82
10MHz	1RB-High (49)	1750 (20350)	18.13	18.31	18.19
		1732.5 (20175)	18.04	18.14	18.11
		1715 (20000)	17.98	18.06	18.03
	1RB-Middle (24)	1750 (20350)	18.06	18.21	18.17
		1732.5 (20175)	18.02	18.10	18.12
		1715 (20000)	17.92	18.08	18.01
	1RB-Low (0)	1750 (20350)	18.02	18.18	18.07
		1732.5 (20175)	17.99	18.07	18.10
		1715 (20000)	17.95	18.10	17.97
	25RB-High (25)	1750 (20350)	18.01	17.94	18.05
		1732.5 (20175)	17.88	17.77	17.88
		1715 (20000)	18.00	17.83	17.86
	25RB-Middle (12)	1750 (20350)	18.05	17.92	17.99
		1732.5 (20175)	18.02	17.86	17.92
		1715 (20000)	17.92	17.77	17.90
	25RB-Low (0)	1750 (20350)	17.98	17.84	17.93
		1732.5 (20175)	18.04	17.89	17.93
		1715 (20000)	17.92	17.76	17.86
	50RB (0)	1750 (20350)	18.08	17.85	17.96
		1732.5 (20175)	17.92	17.89	17.90
		1715 (20000)	17.94	17.80	17.88

15MHz	1RB-High (74)	1747.5 (20325)	18.04	18.11	18.10
		1732.5 (20175)	17.93	17.96	17.97
		1717.5 (20025)	17.89	17.96	17.91
	1RB-Middle (37)	1747.5 (20325)	18.04	18.10	18.16
		1732.5 (20175)	17.95	18.01	17.99
		1717.5 (20025)	17.88	18.00	17.96
	1RB-Low (0)	1747.5 (20325)	17.96	18.05	17.98
		1732.5 (20175)	17.87	17.92	17.97
		1717.5 (20025)	17.84	17.91	17.92
	36RB-High (38)	1747.5 (20325)	18.03	17.86	17.96
		1732.5 (20175)	17.88	17.79	17.84
		1717.5 (20025)	17.90	17.81	17.80
	36RB-Middle (19)	1747.5 (20325)	17.93	17.76	17.95
		1732.5 (20175)	17.89	17.74	17.90
		1717.5 (20025)	17.92	17.78	17.88
	36RB-Low (0)	1747.5 (20325)	17.97	17.83	17.93
		1732.5 (20175)	17.94	17.83	17.90
		1717.5 (20025)	17.92	17.78	17.83
	75RB (0)	1747.5 (20325)	18.00	17.82	17.94
		1732.5 (20175)	17.93	17.82	17.88
		1717.5 (20025)	17.88	17.80	17.79
20MHz	1RB-High (99)	1745 (20300)	17.94	18.14	18.13
		1732.5 (20175)	17.96	18.14	18.00
		1720 (20050)	17.96	17.92	17.96
	1RB-Middle (50)	1745 (20300)	18.01	18.16	17.99
		1732.5 (20175)	18.03	18.03	18.00
		1720 (20050)	18.00	18.08	17.98
	1RB-Low (0)	1745 (20300)	17.91	18.10	17.99
		1732.5 (20175)	17.87	17.99	17.91
		1720 (20050)	17.84	17.96	17.88
	50RB-High (50)	1745 (20300)	17.65	17.92	18.01
		1732.5 (20175)	17.91	17.74	17.86
		1720 (20050)	17.99	17.72	17.80
	50RB-Middle (25)	1745 (20300)	17.94	17.83	17.90
		1732.5 (20175)	18.07	17.85	17.86
		1720 (20050)	17.98	17.80	17.87
	50RB-Low (0)	1745 (20300)	17.93	17.88	17.95
		1732.5 (20175)	17.89	17.85	17.90
		1720 (20050)	18.06	17.75	17.85
	100RB (0)	1745 (20300)	17.83	17.87	17.96
		1732.5 (20175)	17.97	17.79	17.85
		1720 (20050)	18.03	17.74	17.77

LTE B5(ANT0 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	848.3 (20643)	24.78	24.02	23.06
		836.5 (20525)	24.73	23.95	23.03
		824.7 (20407)	24.63	23.86	22.91
	1RB-Middle (3)	848.3 (20643)	24.77	23.89	23.05
		836.5 (20525)	24.78	23.95	23.02
		824.7 (20407)	24.71	23.96	22.95
	1RB-Low (0)	848.3 (20643)	24.74	23.96	23.04
		836.5 (20525)	24.72	23.89	23.00
		824.7 (20407)	24.70	23.94	22.97
	3RB-High (3)	848.3 (20643)	24.78	23.84	22.92
		836.5 (20525)	24.71	23.64	22.88
		824.7 (20407)	24.69	23.68	22.82
	3RB-Middle (1)	848.3 (20643)	24.80	23.83	22.96
		836.5 (20525)	24.74	23.75	22.95
		824.7 (20407)	24.73	23.74	22.90
	3RB-Low (0)	848.3 (20643)	24.75	23.81	22.93
		836.5 (20525)	24.73	23.71	22.91
		824.7 (20407)	24.69	23.70	22.89
	6RB (0)	848.3 (20643)	23.75	22.95	21.81
		836.5 (20525)	23.77	22.91	21.82
		824.7 (20407)	23.70	22.84	21.78
3MHz	1RB-High (14)	847.5 (20635)	24.80	23.97	23.01
		836.5 (20525)	24.73	23.94	23.07
		825.5 (20415)	24.63	23.93	22.88
	1RB-Middle (7)	847.5 (20635)	24.80	23.90	22.94
		836.5 (20525)	24.81	23.97	23.06
		825.5 (20415)	24.67	23.92	22.96
	1RB-Low (0)	847.5 (20635)	24.71	23.82	22.97
		836.5 (20525)	24.72	24.03	22.99
		825.5 (20415)	24.70	23.90	22.99
	8RB-High (7)	847.5 (20635)	23.74	22.95	21.88
		836.5 (20525)	23.73	22.92	21.85
		825.5 (20415)	23.63	22.81	21.80
	8RB-Middle (4)	847.5 (20635)	23.73	22.94	21.91
		836.5 (20525)	23.74	22.91	21.88
		825.5 (20415)	23.65	22.81	21.78
	8RB-Low (0)	847.5 (20635)	23.73	22.93	21.90
		836.5 (20525)	23.70	22.90	21.88
		825.5 (20415)	23.62	22.86	21.80
	15RB (0)	847.5 (20635)	23.71	22.89	21.83
		836.5 (20525)	23.71	22.88	21.83
		825.5 (20415)	23.63	22.77	21.79

5MHz	1RB-High (24)	846.5 (20625)	24.81	23.99	23.03
		836.5 (20525)	24.75	23.92	23.06
		826.5 (20425)	24.78	23.99	22.93
	1RB-Middle (12)	846.5 (20625)	24.72	23.81	22.96
		836.5 (20525)	24.82	23.92	23.09
		826.5 (20425)	24.72	23.87	22.98
	1RB-Low (0)	846.5 (20625)	24.77	23.95	22.98
		836.5 (20525)	24.81	23.91	23.00
		826.5 (20425)	24.74	24.06	23.02
	12RB-High (13)	846.5 (20625)	23.59	22.76	21.76
		836.5 (20525)	23.71	22.78	21.86
		826.5 (20425)	23.69	22.84	21.83
	12RB-Middle (6)	846.5 (20625)	23.69	22.81	21.84
		836.5 (20525)	23.72	22.88	21.91
		826.5 (20425)	23.68	22.76	21.80
	12RB-Low (0)	846.5 (20625)	23.77	22.87	21.86
		836.5 (20525)	23.72	22.90	21.92
		826.5 (20425)	23.67	22.81	21.85
	25RB (0)	846.5 (20625)	23.75	22.86	21.81
		836.5 (20525)	23.72	22.84	21.85
		826.5 (20425)	23.69	22.88	21.81
10MHz	1RB-High (49)	844 (20600)	24.85	24.02	23.00
		836.5 (20525)	24.81	23.85	22.87
		829 (20450)	24.74	23.89	22.87
	1RB-Middle (24)	844 (20600)	24.83	24.04	23.03
		836.5 (20525)	24.83	23.94	22.92
		829 (20450)	24.77	24.01	22.95
	1RB-Low (0)	844 (20600)	24.84	23.94	22.98
		836.5 (20525)	24.76	23.88	22.90
		829 (20450)	24.77	23.93	22.91
	25RB-High (25)	844 (20600)	23.69	22.79	21.75
		836.5 (20525)	23.76	22.84	21.88
		829 (20450)	23.68	22.89	21.83
	25RB-Middle (12)	844 (20600)	23.77	22.91	21.85
		836.5 (20525)	23.71	22.90	21.86
		829 (20450)	23.69	22.85	21.78
	25RB-Low (0)	844 (20600)	23.80	22.93	21.89
		836.5 (20525)	23.73	22.91	21.90
		829 (20450)	23.69	22.80	21.80
	50RB (0)	844 (20600)	23.71	22.84	21.82
		836.5 (20525)	23.79	22.85	21.83
		829 (20450)	23.69	22.79	21.80

LTE B5(ANT0 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	848.3 (20643)	20.78	21.18	20.94
		836.5 (20525)	20.76	21.11	20.95
		824.7 (20407)	20.74	20.99	20.92
	1RB-Middle (3)	848.3 (20643)	20.78	21.02	20.88
		836.5 (20525)	20.79	21.05	20.95
		824.7 (20407)	20.76	21.14	20.86
	1RB-Low (0)	848.3 (20643)	20.83	21.17	20.99
		836.5 (20525)	20.77	21.07	20.89
		824.7 (20407)	20.82	21.17	20.98
	3RB-High (3)	848.3 (20643)	20.84	20.81	20.90
		836.5 (20525)	20.80	20.73	20.83
		824.7 (20407)	20.79	20.81	20.86
	3RB-Middle (1)	848.3 (20643)	20.86	20.81	20.94
		836.5 (20525)	20.77	20.80	20.86
		824.7 (20407)	20.78	20.73	20.91
	3RB-Low (0)	848.3 (20643)	20.84	20.81	20.90
		836.5 (20525)	20.78	20.76	20.88
		824.7 (20407)	20.80	20.70	20.87
	6RB (0)	848.3 (20643)	20.85	20.99	20.83
		836.5 (20525)	20.77	20.87	20.68
		824.7 (20407)	20.81	20.88	20.79
3MHz	1RB-High (14)	847.5 (20635)	20.77	21.14	21.00
		836.5 (20525)	20.78	21.03	20.97
		825.5 (20415)	20.73	20.97	20.94
	1RB-Middle (7)	847.5 (20635)	20.86	21.07	21.12
		836.5 (20525)	20.78	21.01	20.96
		825.5 (20415)	20.76	20.99	20.94
	1RB-Low (0)	847.5 (20635)	20.79	21.14	20.91
		836.5 (20525)	20.81	20.99	20.93
		825.5 (20415)	20.84	21.00	21.03
	8RB-High (7)	847.5 (20635)	20.79	20.87	20.88
		836.5 (20525)	20.76	20.85	20.82
		825.5 (20415)	20.71	20.84	20.84
	8RB-Middle (4)	847.5 (20635)	20.85	20.88	20.94
		836.5 (20525)	20.79	20.85	20.86
		825.5 (20415)	20.70	20.79	20.81
	8RB-Low (0)	847.5 (20635)	20.86	20.89	20.86
		836.5 (20525)	20.79	20.87	20.84
		825.5 (20415)	20.78	20.86	20.85
	15RB (0)	847.5 (20635)	20.83	20.90	20.87
		836.5 (20525)	20.78	20.85	20.76
		825.5 (20415)	20.80	20.80	20.80

5MHz	1RB-High (24)	846.5 (20625)	20.83	21.05	20.99
		836.5 (20525)	20.82	21.05	20.96
		826.5 (20425)	20.85	21.07	20.96
	1RB-Middle (12)	846.5 (20625)	20.82	21.14	21.07
		836.5 (20525)	20.80	21.02	21.04
		826.5 (20425)	20.80	20.98	20.88
	1RB-Low (0)	846.5 (20625)	20.82	21.03	21.02
		836.5 (20525)	20.84	21.09	21.02
		826.5 (20425)	20.84	21.20	20.99
	12RB-High (13)	846.5 (20625)	20.76	20.78	20.77
		836.5 (20525)	20.80	20.84	20.87
		826.5 (20425)	20.74	20.76	20.83
	12RB-Middle (6)	846.5 (20625)	20.81	20.85	20.83
		836.5 (20525)	20.80	20.82	20.85
		826.5 (20425)	20.76	20.77	20.80
	12RB-Low (0)	846.5 (20625)	20.85	20.81	20.89
		836.5 (20525)	20.87	20.87	20.93
		826.5 (20425)	20.84	20.79	20.86
	25RB (0)	846.5 (20625)	20.79	20.78	20.82
		836.5 (20525)	20.82	20.81	20.88
		826.5 (20425)	20.80	20.78	20.87
10MHz	1RB-High (49)	844 (20600)	20.95	21.03	20.88
		836.5 (20525)	20.76	21.06	20.84
		829 (20450)	20.71	21.02	20.87
	1RB-Middle (24)	844 (20600)	20.88	21.20	21.02
		836.5 (20525)	20.78	21.09	20.93
		829 (20450)	20.83	21.08	20.93
	1RB-Low (0)	844 (20600)	20.81	21.04	21.00
		836.5 (20525)	20.75	21.00	20.90
		829 (20450)	20.74	21.04	20.89
	25RB-High (25)	844 (20600)	20.72	20.72	20.68
		836.5 (20525)	20.76	20.76	20.79
		829 (20450)	20.71	20.75	20.71
	25RB-Middle (12)	844 (20600)	20.78	20.84	20.81
		836.5 (20525)	20.76	20.78	20.74
		829 (20450)	20.71	20.79	20.77
	25RB-Low (0)	844 (20600)	20.85	20.85	20.85
		836.5 (20525)	20.80	20.82	20.78
		829 (20450)	20.73	20.77	20.81
	50RB (0)	844 (20600)	20.81	20.77	20.75
		836.5 (20525)	20.81	20.82	20.78
		829 (20450)	20.73	20.78	20.74

LTE B7(ANT0 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2567.5 (21425)	24.06	23.33	22.29
		2535 (21100)	24.03	23.42	22.32
		2502.5 (20775)	23.65	22.98	21.88
	1RB-Middle (12)	2567.5 (21425)	24.00	23.35	22.33
		2535 (21100)	24.04	23.46	22.24
		2502.5 (20775)	23.59	22.97	21.79
	1RB-Low (0)	2567.5 (21425)	24.09	23.50	22.38
		2535 (21100)	24.01	23.45	22.35
		2502.5 (20775)	23.63	22.95	21.95
	12RB-High (13)	2567.5 (21425)	23.17	22.17	21.15
		2535 (21100)	23.14	22.12	21.08
		2502.5 (20775)	22.82	21.74	20.72
	12RB-Middle (6)	2567.5 (21425)	23.21	22.22	21.21
		2535 (21100)	23.17	22.13	21.13
		2502.5 (20775)	22.75	21.73	20.72
	12RB-Low (0)	2567.5 (21425)	23.24	22.25	21.27
		2535 (21100)	23.19	22.16	21.21
		2502.5 (20775)	22.79	21.69	20.72
	25RB (0)	2567.5 (21425)	23.25	22.26	21.27
		2535 (21100)	23.17	22.17	21.12
		2502.5 (20775)	22.80	21.72	20.76
10MHz	1RB-High (49)	2565 (21400)	24.01	23.37	22.20
		2535 (21100)	24.02	23.47	22.31
		2505 (20800)	23.71	23.03	22.01
	1RB-Middle (24)	2565 (21400)	24.16	23.40	22.39
		2535 (21100)	24.07	23.46	22.32
		2505 (20800)	23.68	23.16	21.92
	1RB-Low (0)	2565 (21400)	24.15	23.43	22.33
		2535 (21100)	24.02	23.46	22.30
		2505 (20800)	23.58	22.98	21.84
	25RB-High (25)	2565 (21400)	23.27	22.26	21.23
		2535 (21100)	23.19	22.20	21.18
		2505 (20800)	22.84	21.80	20.75
	25RB-Middle (12)	2565 (21400)	23.27	22.25	21.24
		2535 (21100)	23.20	22.16	21.16
		2505 (20800)	22.79	21.82	20.80
	25RB-Low (0)	2565 (21400)	23.28	22.26	21.30
		2535 (21100)	23.21	22.18	21.15
		2505 (20800)	22.68	21.75	20.75
	50RB (0)	2565 (21400)	23.30	22.22	21.27
		2535 (21100)	23.19	22.15	21.16
		2505 (20800)	22.84	21.76	20.72

15MHz	1RB-High (74)	2562.5 (21375)	23.87	23.29	22.20
		2535 (21100)	23.89	23.30	22.22
		2507.5 (20825)	23.70	23.11	21.94
	1RB-Middle (37)	2562.5 (21375)	24.01	23.44	22.32
		2535 (21100)	23.98	23.42	22.34
		2507.5 (20825)	23.62	22.95	21.89
	1RB-Low (0)	2562.5 (21375)	23.96	23.44	22.31
		2535 (21100)	23.94	23.38	22.17
		2507.5 (20825)	23.51	22.86	21.72
	36RB-High (38)	2562.5 (21375)	23.15	22.19	21.18
		2535 (21100)	23.11	22.04	21.13
		2507.5 (20825)	22.77	21.76	20.79
	36RB-Middle (19)	2562.5 (21375)	23.20	22.27	21.23
		2535 (21100)	23.15	22.09	21.16
		2507.5 (20825)	22.71	21.77	20.77
	36RB-Low (0)	2562.5 (21375)	23.21	22.22	21.19
		2535 (21100)	23.17	22.17	21.13
		2507.5 (20825)	22.75	21.71	20.71
	75RB (0)	2562.5 (21375)	23.24	22.26	21.15
		2535 (21100)	23.14	22.14	21.04
		2507.5 (20825)	22.72	21.80	20.78
20MHz	1RB-High (99)	2560 (21350)	24.05	23.31	22.34
		2535 (21100)	23.93	23.35	22.16
		2510 (20850)	23.69	23.01	21.91
	1RB-Middle (50)	2560 (21350)	24.23	23.43	22.42
		2535 (21100)	23.98	23.34	22.24
		2510 (20850)	23.60	23.02	21.86
	1RB-Low (0)	2560 (21350)	24.05	23.29	22.27
		2535 (21100)	23.80	23.04	22.00
		2510 (20850)	23.47	22.68	21.61
	50RB-High (50)	2560 (21350)	23.17	22.14	21.18
		2535 (21100)	23.05	22.07	20.94
		2510 (20850)	22.77	21.64	20.69
	50RB-Middle (25)	2560 (21350)	23.30	22.30	21.32
		2535 (21100)	23.11	22.10	21.02
		2510 (20850)	22.68	21.71	20.64
	50RB-Low (0)	2560 (21350)	23.27	22.35	21.28
		2535 (21100)	22.99	22.02	21.03
		2510 (20850)	22.63	21.60	20.55
	100RB (0)	2560 (21350)	23.23	22.27	21.26
		2535 (21100)	23.10	22.00	20.99
		2510 (20850)	22.72	21.65	20.62

LTE B7(ANT0 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2567.5 (21425)	18.57	18.77	18.66
		2535 (21100)	18.42	18.80	18.61
		2502.5 (20775)	18.11	18.32	18.30
	1RB-Middle (12)	2567.5 (21425)	18.52	18.76	18.63
		2535 (21100)	18.40	18.75	18.57
		2502.5 (20775)	18.17	18.39	18.32
	1RB-Low (0)	2567.5 (21425)	18.46	18.75	18.56
		2535 (21100)	18.43	18.67	18.54
		2502.5 (20775)	18.19	18.49	18.28
	12RB-High (13)	2567.5 (21425)	18.52	18.56	18.59
		2535 (21100)	18.37	18.39	18.47
		2502.5 (20775)	18.10	18.13	18.16
	12RB-Middle (6)	2567.5 (21425)	18.49	18.47	18.56
		2535 (21100)	18.40	18.37	18.46
		2502.5 (20775)	18.13	18.14	18.07
	12RB-Low (0)	2567.5 (21425)	18.49	18.50	18.52
		2535 (21100)	18.47	18.46	18.50
		2502.5 (20775)	18.15	18.12	18.12
	25RB (0)	2567.5 (21425)	18.56	18.51	18.57
		2535 (21100)	18.42	18.47	18.38
		2502.5 (20775)	18.16	18.14	18.17
10MHz	1RB-High (49)	2565 (21400)	18.53	18.88	18.69
		2535 (21100)	18.39	18.74	18.57
		2505 (20800)	18.19	18.54	18.25
	1RB-Middle (24)	2565 (21400)	18.53	18.76	18.68
		2535 (21100)	18.47	18.65	18.60
		2505 (20800)	18.18	18.38	18.29
	1RB-Low (0)	2565 (21400)	18.52	18.81	18.60
		2535 (21100)	18.46	18.67	18.66
		2505 (20800)	18.19	18.37	18.29
	25RB-High (25)	2565 (21400)	18.51	18.56	18.54
		2535 (21100)	18.45	18.48	18.48
		2505 (20800)	18.13	18.19	18.16
	25RB-Middle (12)	2565 (21400)	18.51	18.56	18.54
		2535 (21100)	18.40	18.44	18.44
		2505 (20800)	18.09	18.10	18.13
	25RB-Low (0)	2565 (21400)	18.54	18.55	18.51
		2535 (21100)	18.40	18.46	18.46
		2505 (20800)	18.14	18.09	18.13
	50RB (0)	2565 (21400)	18.57	18.50	18.53
		2535 (21100)	18.48	18.49	18.46
		2505 (20800)	18.17	18.16	18.15

15MHz	1RB-High (74)	2562.5 (21375)	18.41	18.76	18.64
		2535 (21100)	18.30	18.69	18.51
		2507.5 (20825)	18.16	18.41	18.45
	1RB-Middle (37)	2562.5 (21375)	18.44	18.78	18.66
		2535 (21100)	18.40	18.73	18.61
		2507.5 (20825)	18.08	18.31	18.29
	1RB-Low (0)	2562.5 (21375)	18.45	18.66	18.62
		2535 (21100)	18.35	18.67	18.54
		2507.5 (20825)	18.05	18.30	18.30
	36RB-High (38)	2562.5 (21375)	18.47	18.51	18.45
		2535 (21100)	18.35	18.38	18.43
		2507.5 (20825)	18.15	18.23	18.17
	36RB-Middle (19)	2562.5 (21375)	18.47	18.45	18.50
		2535 (21100)	18.39	18.42	18.43
		2507.5 (20825)	18.10	18.09	18.16
	36RB-Low (0)	2562.5 (21375)	18.53	18.53	18.53
		2535 (21100)	18.37	18.45	18.40
		2507.5 (20825)	18.07	18.09	18.20
	75RB (0)	2562.5 (21375)	18.48	18.53	18.46
		2535 (21100)	18.43	18.43	18.37
		2507.5 (20825)	18.14	18.12	18.16
20MHz	1RB-High (99)	2560 (21350)	18.42	18.75	18.57
		2535 (21100)	18.30	18.66	18.45
		2510 (20850)	18.12	18.62	18.39
	1RB-Middle (50)	2560 (21350)	18.47	18.64	18.57
		2535 (21100)	18.48	18.60	18.52
		2510 (20850)	18.13	18.47	18.30
	1RB-Low (0)	2560 (21350)	18.36	18.66	18.46
		2535 (21100)	18.37	18.68	18.53
		2510 (20850)	18.11	18.26	18.27
	50RB-High (50)	2560 (21350)	18.48	18.47	18.44
		2535 (21100)	18.41	18.40	18.44
		2510 (20850)	18.14	18.22	18.20
	50RB-Middle (25)	2560 (21350)	18.53	18.49	18.53
		2535 (21100)	18.43	18.45	18.49
		2510 (20850)	18.12	18.19	18.21
	50RB-Low (0)	2560 (21350)	18.62	18.65	18.61
		2535 (21100)	18.44	18.49	18.46
		2510 (20850)	18.19	18.13	18.11
	100RB (0)	2560 (21350)	18.53	18.53	18.54
		2535 (21100)	18.42	18.41	18.46
		2510 (20850)	18.16	18.13	18.16

LTE B7(ANT0 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2567.5 (21425)	15.41	15.70	15.66
		2535 (21100)	15.39	15.74	15.58
		2502.5 (20775)	15.08	15.41	15.22
	1RB-Middle (12)	2567.5 (21425)	15.50	15.81	15.72
		2535 (21100)	15.40	15.62	15.61
		2502.5 (20775)	15.10	15.36	15.35
	1RB-Low (0)	2567.5 (21425)	15.44	15.75	15.60
		2535 (21100)	15.41	15.67	15.59
		2502.5 (20775)	15.09	15.46	15.29
	12RB-High (13)	2567.5 (21425)	15.53	15.46	15.52
		2535 (21100)	15.36	15.35	15.41
		2502.5 (20775)	15.11	15.03	15.11
	12RB-Middle (6)	2567.5 (21425)	15.53	15.45	15.53
		2535 (21100)	15.42	15.39	15.47
		2502.5 (20775)	15.13	15.12	15.18
	12RB-Low (0)	2567.5 (21425)	15.45	15.47	15.52
		2535 (21100)	15.45	15.48	15.44
		2502.5 (20775)	15.08	15.13	15.13
	25RB (0)	2567.5 (21425)	15.51	15.53	15.56
		2535 (21100)	15.38	15.41	15.40
		2502.5 (20775)	15.15	15.18	15.16
10MHz	1RB-High (49)	2565 (21400)	15.45	15.84	15.62
		2535 (21100)	15.35	15.59	15.55
		2505 (20800)	15.17	15.33	15.32
	1RB-Middle (24)	2565 (21400)	15.50	15.76	15.67
		2535 (21100)	15.41	15.78	15.53
		2505 (20800)	15.11	15.34	15.28
	1RB-Low (0)	2565 (21400)	15.46	15.62	15.63
		2535 (21100)	15.41	15.69	15.63
		2505 (20800)	15.14	15.33	15.27
	25RB-High (25)	2565 (21400)	15.46	15.54	15.50
		2535 (21100)	15.43	15.52	15.48
		2505 (20800)	15.08	15.16	15.18
	25RB-Middle (12)	2565 (21400)	15.45	15.52	15.45
		2535 (21100)	15.46	15.44	15.46
		2505 (20800)	15.13	15.10	15.12
	25RB-Low (0)	2565 (21400)	15.47	15.55	15.53
		2535 (21100)	15.43	15.44	15.41
		2505 (20800)	15.15	15.15	15.10
	50RB (0)	2565 (21400)	15.51	15.52	15.54
		2535 (21100)	15.50	15.48	15.48
		2505 (20800)	15.12	15.18	15.19

15MHz	1RB-High (74)	2562.5 (21375)	15.38	15.65	15.57
		2535 (21100)	15.31	15.56	15.52
		2507.5 (20825)	15.15	15.48	15.31
	1RB-Middle (37)	2562.5 (21375)	15.40	15.68	15.69
		2535 (21100)	15.40	15.75	15.54
		2507.5 (20825)	15.10	15.38	15.21
	1RB-Low (0)	2562.5 (21375)	15.40	15.73	15.61
		2535 (21100)	15.35	15.63	15.57
		2507.5 (20825)	15.02	15.26	15.20
	36RB-High (38)	2562.5 (21375)	15.43	15.40	15.42
		2535 (21100)	15.41	15.42	15.43
		2507.5 (20825)	15.19	15.17	15.17
	36RB-Middle (19)	2562.5 (21375)	15.45	15.45	15.42
		2535 (21100)	15.43	15.44	15.45
		2507.5 (20825)	15.15	15.14	15.11
	36RB-Low (0)	2562.5 (21375)	15.48	15.52	15.54
		2535 (21100)	15.44	15.39	15.49
		2507.5 (20825)	15.04	15.17	15.17
	75RB (0)	2562.5 (21375)	15.46	15.46	15.53
		2535 (21100)	15.44	15.40	15.38
		2507.5 (20825)	15.18	15.19	15.17
20MHz	1RB-High (99)	2560 (21350)	15.35	15.68	15.55
		2535 (21100)	15.34	15.57	15.53
		2510 (20850)	15.28	15.48	15.45
	1RB-Middle (50)	2560 (21350)	15.45	15.77	15.55
		2535 (21100)	15.46	15.54	15.55
		2510 (20850)	15.17	15.31	15.38
	1RB-Low (0)	2560 (21350)	15.36	15.54	15.50
		2535 (21100)	15.32	15.63	15.57
		2510 (20850)	15.02	15.24	15.24
	50RB-High (50)	2560 (21350)	15.47	15.38	15.43
		2535 (21100)	15.46	15.43	15.45
		2510 (20850)	15.15	15.16	15.13
	50RB-Middle (25)	2560 (21350)	15.55	15.52	15.51
		2535 (21100)	15.59	15.48	15.42
		2510 (20850)	15.21	15.16	15.20
	50RB-Low (0)	2560 (21350)	15.59	15.66	15.62
		2535 (21100)	15.50	15.49	15.49
		2510 (20850)	15.16	15.06	15.12
	100RB (0)	2560 (21350)	15.58	15.56	15.54
		2535 (21100)	15.41	15.44	15.40
		2510 (20850)	15.18	15.17	15.18

LTE B7(ANT4 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2567.5 (21425)	23.24	22.45	21.29
		2535 (21100)	23.21	22.54	21.32
		2502.5 (20775)	22.84	22.11	20.90
	1RB-Middle (12)	2567.5 (21425)	23.18	22.47	21.33
		2535 (21100)	23.22	22.57	21.24
		2502.5 (20775)	22.79	22.10	20.81
	1RB-Low (0)	2567.5 (21425)	23.27	22.61	21.38
		2535 (21100)	23.19	22.56	21.35
		2502.5 (20775)	22.82	22.08	20.97
	12RB-High (13)	2567.5 (21425)	22.38	21.33	20.20
		2535 (21100)	22.35	21.28	20.14
		2502.5 (20775)	22.04	20.92	19.79
	12RB-Middle (6)	2567.5 (21425)	22.42	21.38	20.26
		2535 (21100)	22.38	21.29	20.18
		2502.5 (20775)	21.97	20.91	19.79
	12RB-Low (0)	2567.5 (21425)	22.45	21.41	20.32
		2535 (21100)	22.40	21.32	20.26
		2502.5 (20775)	22.01	20.87	19.79
	25RB (0)	2567.5 (21425)	22.46	21.42	20.32
		2535 (21100)	22.38	21.33	20.17
		2502.5 (20775)	22.02	20.90	19.83
10MHz	1RB-High (49)	2565 (21400)	23.19	22.49	21.21
		2535 (21100)	23.20	22.58	21.31
		2505 (20800)	22.90	22.16	21.02
	1RB-Middle (24)	2565 (21400)	23.34	22.52	21.39
		2535 (21100)	23.25	22.57	21.32
		2505 (20800)	22.87	22.29	20.94
	1RB-Low (0)	2565 (21400)	23.33	22.55	21.33
		2535 (21100)	23.20	22.57	21.30
		2505 (20800)	22.78	22.11	20.86
	25RB-High (25)	2565 (21400)	22.48	21.42	20.28
		2535 (21100)	22.40	21.36	20.23
		2505 (20800)	22.06	20.98	19.82
	25RB-Middle (12)	2565 (21400)	22.48	21.41	20.29
		2535 (21100)	22.41	21.32	20.21
		2505 (20800)	22.01	21.00	19.87
	25RB-Low (0)	2565 (21400)	22.49	21.42	20.35
		2535 (21100)	22.42	21.34	20.20
		2505 (20800)	21.91	20.93	19.82
	50RB (0)	2565 (21400)	22.51	21.38	20.32
		2535 (21100)	22.40	21.31	20.21
		2505 (20800)	22.06	20.94	19.79

15MHz	1RB-High (74)	2562.5 (21375)	23.06	22.41	21.21
		2535 (21100)	23.08	22.42	21.23
		2507.5 (20825)	22.89	22.24	20.96
	1RB-Middle (37)	2562.5 (21375)	23.19	22.56	21.32
		2535 (21100)	23.16	22.54	21.34
		2507.5 (20825)	22.81	22.08	20.91
	1RB-Low (0)	2562.5 (21375)	23.14	22.56	21.31
		2535 (21100)	23.12	22.50	21.18
		2507.5 (20825)	22.71	22.00	20.75
	36RB-High (38)	2562.5 (21375)	22.36	21.35	20.23
		2535 (21100)	22.32	21.21	20.18
		2507.5 (20825)	21.99	20.94	19.86
	36RB-Middle (19)	2562.5 (21375)	22.41	21.43	20.28
		2535 (21100)	22.36	21.26	20.21
		2507.5 (20825)	21.94	20.95	19.84
	36RB-Low (0)	2562.5 (21375)	22.42	21.38	20.24
		2535 (21100)	22.38	21.33	20.18
		2507.5 (20825)	21.97	20.89	19.78
	75RB (0)	2562.5 (21375)	22.45	21.42	20.20
		2535 (21100)	22.35	21.30	20.10
		2507.5 (20825)	21.95	20.98	19.85
20MHz	1RB-High (99)	2560 (21350)	23.23	22.43	21.34
		2535 (21100)	23.17	22.37	21.29
		2510 (20850)	23.19	22.39	21.31
	1RB-Middle (50)	2560 (21350)	23.32	22.46	21.37
		2535 (21100)	23.36	22.47	21.39
		2510 (20850)	23.31	22.50	21.41
	1RB-Low (0)	2560 (21350)	23.19	22.39	21.31
		2535 (21100)	23.15	22.35	21.28
		2510 (20850)	23.23	22.43	21.34
	50RB-High (50)	2560 (21350)	22.27	21.32	20.29
		2535 (21100)	22.40	21.44	20.40
		2510 (20850)	22.41	21.45	20.41
	50RB-Middle (25)	2560 (21350)	22.41	21.40	20.37
		2535 (21100)	22.44	21.46	20.42
		2510 (20850)	22.41	21.50	20.45
	50RB-Low (0)	2560 (21350)	22.43	21.48	20.43
		2535 (21100)	22.41	21.45	20.41
		2510 (20850)	22.42	21.46	20.42
	100RB (0)	2560 (21350)	22.35	21.40	20.36
		2535 (21100)	22.33	21.38	20.34
		2510 (20850)	22.38	21.42	20.39

LTE B7(ANT4 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2567.5 (21425)	14.36	14.39	14.37
		2535 (21100)	14.34	14.42	14.30
		2502.5 (20775)	14.05	14.12	13.97
	1RB-Middle (12)	2567.5 (21425)	14.44	14.49	14.43
		2535 (21100)	14.35	14.32	14.33
		2502.5 (20775)	14.07	14.08	14.09
	1RB-Low (0)	2567.5 (21425)	14.38	14.43	14.32
		2535 (21100)	14.36	14.36	14.31
		2502.5 (20775)	14.06	14.17	14.03
	12RB-High (13)	2567.5 (21425)	14.47	14.17	14.24
		2535 (21100)	14.31	14.07	14.14
		2502.5 (20775)	14.08	13.77	13.87
	12RB-Middle (6)	2567.5 (21425)	14.47	14.16	14.25
		2535 (21100)	14.37	14.10	14.20
		2502.5 (20775)	14.10	13.86	13.93
	12RB-Low (0)	2567.5 (21425)	14.39	14.18	14.24
		2535 (21100)	14.39	14.19	14.17
		2502.5 (20775)	14.05	13.87	13.88
	25RB (0)	2567.5 (21425)	14.45	14.23	14.28
		2535 (21100)	14.33	14.12	14.13
		2502.5 (20775)	14.11	13.91	13.91
10MHz	1RB-High (49)	2565 (21400)	14.39	14.52	14.33
		2535 (21100)	14.30	14.29	14.27
		2505 (20800)	14.13	14.05	14.06
	1RB-Middle (24)	2565 (21400)	14.44	14.44	14.38
		2535 (21100)	14.36	14.46	14.25
		2505 (20800)	14.08	14.06	14.02
	1RB-Low (0)	2565 (21400)	14.40	14.32	14.34
		2535 (21100)	14.36	14.38	14.34
		2505 (20800)	14.10	14.05	14.01
	25RB-High (25)	2565 (21400)	14.40	14.24	14.22
		2535 (21100)	14.37	14.22	14.21
		2505 (20800)	14.05	13.89	13.93
	25RB-Middle (12)	2565 (21400)	14.39	14.22	14.18
		2535 (21100)	14.40	14.15	14.19
		2505 (20800)	14.10	13.84	13.88
	25RB-Low (0)	2565 (21400)	14.41	14.25	14.25
		2535 (21100)	14.37	14.15	14.14
		2505 (20800)	14.11	13.88	13.86
	50RB (0)	2565 (21400)	14.45	14.22	14.26
		2535 (21100)	14.44	14.19	14.21
		2505 (20800)	14.09	13.91	13.94

15MHz	1RB-High (74)	2562.5 (21375)	14.33	14.34	14.29
		2535 (21100)	14.26	14.26	14.24
		2507.5 (20825)	14.11	14.19	14.05
	1RB-Middle (37)	2562.5 (21375)	14.35	14.37	14.40
		2535 (21100)	14.35	14.43	14.26
		2507.5 (20825)	14.07	14.10	13.96
	1RB-Low (0)	2562.5 (21375)	14.35	14.42	14.33
		2535 (21100)	14.30	14.32	14.29
		2507.5 (20825)	13.99	13.99	13.95
	36RB-High (38)	2562.5 (21375)	14.37	14.11	14.15
		2535 (21100)	14.36	14.13	14.16
		2507.5 (20825)	14.15	13.90	13.92
	36RB-Middle (19)	2562.5 (21375)	14.39	14.16	14.15
		2535 (21100)	14.37	14.15	14.18
		2507.5 (20825)	14.11	13.88	13.87
	36RB-Low (0)	2562.5 (21375)	14.42	14.22	14.26
		2535 (21100)	14.38	14.10	14.21
		2507.5 (20825)	14.01	13.90	13.92
	75RB (0)	2562.5 (21375)	14.40	14.17	14.25
		2535 (21100)	14.38	14.11	14.11
		2507.5 (20825)	14.14	13.92	13.92
20MHz	1RB-High (99)	2560 (21350)	14.30	14.37	14.27
		2535 (21100)	14.28	14.35	14.25
		2510 (20850)	14.29	14.36	14.26
	1RB-Middle (50)	2560 (21350)	14.31	14.38	14.28
		2535 (21100)	14.30	14.38	14.28
		2510 (20850)	14.28	14.39	14.29
	1RB-Low (0)	2560 (21350)	14.29	14.36	14.26
		2535 (21100)	14.28	14.35	14.25
		2510 (20850)	14.30	14.37	14.27
	50RB-High (50)	2560 (21350)	14.30	14.27	14.28
		2535 (21100)	14.33	14.30	14.31
		2510 (20850)	14.34	14.31	14.32
	50RB-Middle (25)	2560 (21350)	14.36	14.29	14.30
		2535 (21100)	14.34	14.31	14.32
		2510 (20850)	14.35	14.32	14.33
	50RB-Low (0)	2560 (21350)	14.35	14.32	14.33
		2535 (21100)	14.34	14.31	14.32
		2510 (20850)	14.34	14.31	14.32
	100RB (0)	2560 (21350)	14.32	14.29	14.30
		2535 (21100)	14.31	14.29	14.29
		2510 (20850)	14.33	14.30	14.31

LTE B7(ANT4 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2567.5 (21425)	15.88	15.90	15.93
		2535 (21100)	15.86	15.94	15.85
		2502.5 (20775)	15.54	15.61	15.48
	1RB-Middle (12)	2567.5 (21425)	15.97	16.01	15.99
		2535 (21100)	15.87	15.82	15.88
		2502.5 (20775)	15.56	15.56	15.62
	1RB-Low (0)	2567.5 (21425)	15.91	15.95	15.87
		2535 (21100)	15.88	15.87	15.86
		2502.5 (20775)	15.55	15.66	15.56
	12RB-High (13)	2567.5 (21425)	16.01	15.66	15.79
		2535 (21100)	15.83	15.55	15.68
		2502.5 (20775)	15.57	15.22	15.37
	12RB-Middle (6)	2567.5 (21425)	16.01	15.65	15.80
		2535 (21100)	15.89	15.59	15.74
		2502.5 (20775)	15.59	15.31	15.44
	12RB-Low (0)	2567.5 (21425)	15.92	15.67	15.79
		2535 (21100)	15.92	15.68	15.71
		2502.5 (20775)	15.54	15.32	15.39
	25RB (0)	2567.5 (21425)	15.98	15.73	15.83
		2535 (21100)	15.85	15.61	15.67
		2502.5 (20775)	15.61	15.37	15.42
10MHz	1RB-High (49)	2565 (21400)	15.92	16.04	15.89
		2535 (21100)	15.82	15.79	15.82
		2505 (20800)	15.63	15.53	15.59
	1RB-Middle (24)	2565 (21400)	15.97	15.96	15.94
		2535 (21100)	15.88	15.98	15.80
		2505 (20800)	15.57	15.54	15.55
	1RB-Low (0)	2565 (21400)	15.93	15.82	15.90
		2535 (21100)	15.88	15.89	15.90
		2505 (20800)	15.60	15.53	15.54
	25RB-High (25)	2565 (21400)	15.93	15.74	15.77
		2535 (21100)	15.90	15.72	15.75
		2505 (20800)	15.54	15.35	15.44
	25RB-Middle (12)	2565 (21400)	15.92	15.72	15.72
		2535 (21100)	15.93	15.64	15.73
		2505 (20800)	15.59	15.29	15.38
	25RB-Low (0)	2565 (21400)	15.94	15.75	15.80
		2535 (21100)	15.90	15.64	15.68
		2505 (20800)	15.61	15.34	15.36
	50RB (0)	2565 (21400)	15.98	15.72	15.81
		2535 (21100)	15.97	15.68	15.75
		2505 (20800)	15.58	15.37	15.45

15MHz	1RB-High (74)	2562.5 (21375)	15.85	15.85	15.84
		2535 (21100)	15.78	15.76	15.79
		2507.5 (20825)	15.61	15.68	15.58
	1RB-Middle (37)	2562.5 (21375)	15.87	15.88	15.96
		2535 (21100)	15.87	15.95	15.81
		2507.5 (20825)	15.56	15.58	15.47
	1RB-Low (0)	2562.5 (21375)	15.87	15.93	15.88
		2535 (21100)	15.82	15.83	15.84
		2507.5 (20825)	15.48	15.45	15.46
	36RB-High (38)	2562.5 (21375)	15.90	15.60	15.69
		2535 (21100)	15.88	15.62	15.70
		2507.5 (20825)	15.66	15.36	15.43
	36RB-Middle (19)	2562.5 (21375)	15.92	15.65	15.69
		2535 (21100)	15.90	15.64	15.72
		2507.5 (20825)	15.61	15.33	15.37
	36RB-Low (0)	2562.5 (21375)	15.95	15.72	15.81
		2535 (21100)	15.91	15.59	15.76
		2507.5 (20825)	15.50	15.36	15.43
	75RB (0)	2562.5 (21375)	15.93	15.66	15.80
		2535 (21100)	15.91	15.60	15.65
		2507.5 (20825)	15.64	15.38	15.43
20MHz	1RB-High (99)	2560 (21350)	15.82	15.88	15.82
		2535 (21100)	15.79	15.85	15.79
		2510 (20850)	15.81	15.87	15.80
	1RB-Middle (50)	2560 (21350)	15.83	15.89	15.84
		2535 (21100)	15.86	15.89	15.84
		2510 (20850)	15.85	15.91	15.85
	1RB-Low (0)	2560 (21350)	15.81	15.87	15.80
		2535 (21100)	15.79	15.85	15.79
		2510 (20850)	15.82	15.88	15.82
	50RB-High (50)	2560 (21350)	15.80	15.79	15.78
		2535 (21100)	15.85	15.84	15.83
		2510 (20850)	15.86	15.85	15.84
	50RB-Middle (25)	2560 (21350)	15.83	15.82	15.81
		2535 (21100)	15.88	15.85	15.84
		2510 (20850)	15.87	15.86	15.85
	50RB-Low (0)	2560 (21350)	15.87	15.86	15.85
		2535 (21100)	15.86	15.85	15.84
		2510 (20850)	15.86	15.85	15.84
	100RB (0)	2560 (21350)	15.83	15.82	15.81
		2535 (21100)	15.82	15.82	15.80
		2510 (20850)	15.85	15.84	15.83

LTE B12(ANT0 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	715.3 (23173)	24.72	23.89	22.84
		707.5 (23095)	24.69	23.85	22.83
		699.7 (23017)	24.72	23.93	22.83
	1RB-Middle (3)	715.3 (23173)	24.74	24.01	22.76
		707.5 (23095)	24.71	23.91	22.82
		699.7 (23017)	24.73	23.86	22.83
	1RB-Low (0)	715.3 (23173)	24.71	23.87	22.77
		707.5 (23095)	24.71	23.96	22.85
		699.7 (23017)	24.70	23.92	22.86
	3RB-High (3)	715.3 (23173)	24.74	23.78	22.76
		707.5 (23095)	24.72	23.75	22.81
		699.7 (23017)	24.69	23.65	22.79
	3RB-Middle (1)	715.3 (23173)	24.73	23.83	22.76
		707.5 (23095)	24.74	23.78	22.81
		699.7 (23017)	24.70	23.77	22.80
	3RB-Low (0)	715.3 (23173)	24.67	23.76	22.74
		707.5 (23095)	24.71	23.70	22.83
		699.7 (23017)	24.73	23.72	22.75
	6RB (0)	715.3 (23173)	23.72	22.84	21.63
		707.5 (23095)	23.72	22.77	21.65
		699.7 (23017)	23.75	22.80	21.62
3MHz	1RB-High (14)	714.5 (23165)	24.79	23.85	22.83
		707.5 (23095)	24.73	23.97	22.83
		700.5 (23025)	24.79	23.99	22.92
	1RB-Middle (7)	714.5 (23165)	24.76	24.02	22.85
		707.5 (23095)	24.77	23.92	22.91
		700.5 (23025)	24.78	23.90	22.87
	1RB-Low (0)	714.5 (23165)	24.74	23.90	22.90
		707.5 (23095)	24.78	24.01	22.89
		700.5 (23025)	24.77	23.99	22.86
	8RB-High (7)	714.5 (23165)	23.71	22.84	21.70
		707.5 (23095)	23.69	22.74	21.67
		700.5 (23025)	23.77	22.86	21.80
	8RB-Middle (4)	714.5 (23165)	23.70	22.77	21.70
		707.5 (23095)	23.71	22.78	21.73
		700.5 (23025)	23.75	22.87	21.79
	8RB-Low (0)	714.5 (23165)	23.71	22.79	21.68
		707.5 (23095)	23.73	22.77	21.71
		700.5 (23025)	23.74	22.84	21.78
	15RB (0)	714.5 (23165)	23.70	22.76	21.67
		707.5 (23095)	23.71	22.75	21.62
		700.5 (23025)	23.81	22.78	21.75

5MHz	1RB-High (24)	713.5 (23155)	24.75	23.83	22.82
		707.5 (23095)	24.76	23.95	22.79
		701.5 (23035)	24.71	23.84	22.83
	1RB-Middle (12)	713.5 (23155)	24.76	24.01	22.89
		707.5 (23095)	24.77	23.98	22.90
		701.5 (23035)	24.87	24.08	23.05
	1RB-Low (0)	713.5 (23155)	24.74	24.02	22.90
		707.5 (23095)	24.82	23.93	22.87
		701.5 (23035)	24.80	23.96	22.89
	12RB-High (13)	713.5 (23155)	23.81	22.74	21.72
		707.5 (23095)	23.65	22.56	21.66
		701.5 (23035)	23.76	22.75	21.75
	12RB-Middle (6)	713.5 (23155)	23.72	22.72	21.75
		707.5 (23095)	23.72	22.79	21.71
		701.5 (23035)	23.77	22.76	21.76
	12RB-Low (0)	713.5 (23155)	23.81	22.79	21.77
		707.5 (23095)	23.82	22.85	21.78
		701.5 (23035)	23.76	22.77	21.78
	25RB (0)	713.5 (23155)	23.76	22.75	21.71
		707.5 (23095)	23.72	22.73	21.71
		701.5 (23035)	23.82	22.75	21.76
10MHz	1RB-High (49)	711 (23130)	24.70	23.79	22.73
		707.5 (23095)	24.67	23.90	22.69
		704 (23060)	24.68	23.88	22.82
	1RB-Middle (24)	711 (23130)	24.75	23.95	22.81
		707.5 (23095)	24.74	23.86	22.86
		704 (23060)	24.74	23.80	22.83
	1RB-Low (0)	711 (23130)	24.75	23.91	22.86
		707.5 (23095)	24.76	23.97	22.83
		704 (23060)	24.74	23.90	22.81
	25RB-High (25)	711 (23130)	23.71	22.72	21.69
		707.5 (23095)	23.52	22.52	21.51
		704 (23060)	23.67	22.71	21.65
	25RB-Middle (12)	711 (23130)	23.74	22.71	21.65
		707.5 (23095)	23.70	22.70	21.66
		704 (23060)	23.66	22.70	21.66
	25RB-Low (0)	711 (23130)	23.84	22.83	21.75
		707.5 (23095)	23.68	22.67	21.63
		704 (23060)	23.59	22.62	21.65
	50RB (0)	711 (23130)	23.78	22.77	21.77
		707.5 (23095)	23.64	22.63	21.57
		704 (23060)	23.65	22.59	21.59

LTE B13(ANT0 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	784.5 (23255)	24.41	23.66	22.63
		782 (23230)	24.40	23.66	22.60
		779.5 (23205)	24.41	23.73	22.57
	1RB-Middle (12)	784.5 (23255)	24.43	23.76	22.71
		782 (23230)	24.49	23.70	22.71
		779.5 (23205)	24.53	23.81	22.68
	1RB-Low (0)	784.5 (23255)	24.43	23.83	22.72
		782 (23230)	24.46	23.82	22.67
		779.5 (23205)	24.55	23.77	22.69
	12RB-High (13)	784.5 (23255)	23.50	22.43	21.45
		782 (23230)	23.50	22.45	21.41
		779.5 (23205)	23.52	22.48	21.48
	12RB-Middle (6)	784.5 (23255)	23.51	22.51	21.49
		782 (23230)	23.54	22.52	21.52
		779.5 (23205)	23.53	22.56	21.54
	12RB-Low (0)	784.5 (23255)	23.51	22.48	21.47
		782 (23230)	23.61	22.55	21.57
		779.5 (23205)	23.48	22.47	21.45
	25RB (0)	784.5 (23255)	23.48	22.52	21.46
		782 (23230)	23.55	22.59	21.55
		779.5 (23205)	23.48	22.54	21.49
10MHz	1RB-High (49)	782 (23230)	24.21	23.48	22.74
	1RB-Middle (24)	782 (23230)	24.40	23.76	22.93
	1RB-Low (0)	782 (23230)	24.46	23.78	22.92
	25RB-High (25)	782 (23230)	23.48	22.44	21.79
	25RB-Middle (12)	782 (23230)	23.46	22.44	21.75
	25RB-Low (0)	782 (23230)	23.40	22.42	21.74
	50RB (0)	782 (23230)	23.51	22.48	21.73

LTE B14(ANT0 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	795.5 (23355)	24.70	24.10	22.86
		793 (23330)	24.67	24.01	22.87
		790.5 (23305)	24.77	24.08	22.93
	1RB-Middle (12)	795.5 (23355)	24.73	24.06	22.98
		793 (23330)	24.72	24.13	23.00
		790.5 (23305)	24.84	24.18	23.04
	1RB-Low (0)	795.5 (23355)	24.73	24.05	22.89
		793 (23330)	24.72	24.14	22.90
		790.5 (23305)	24.67	24.03	22.88
	12RB-High (13)	795.5 (23355)	23.76	22.78	21.72
		793 (23330)	23.83	22.79	21.76
		790.5 (23305)	23.77	22.73	21.79
	12RB-Middle (6)	795.5 (23355)	23.79	22.79	21.83
		793 (23330)	23.79	22.81	21.80
		790.5 (23305)	23.88	22.86	21.79
	12RB-Low (0)	795.5 (23355)	23.79	22.83	21.83
		793 (23330)	23.87	22.83	21.79
		790.5 (23305)	23.86	22.81	21.84
	25RB (0)	795.5 (23355)	23.73	22.78	21.75
		793 (23330)	23.85	22.85	21.78
		790.5 (23305)	23.84	22.78	21.81
10MHz	1RB-High (49)	793 (23330)	24.58	23.90	22.82
	1RB-Middle (24)	793 (23330)	24.63	24.00	22.88
	1RB-Low (0)	793 (23330)	24.66	23.90	22.82
	25RB-High (25)	793 (23330)	23.67	22.78	21.72
	25RB-Middle (12)	793 (23330)	23.74	22.83	21.80
	25RB-Low (0)	793 (23330)	23.72	22.75	21.75
	50RB (0)	793 (23330)	23.80	22.80	21.80

LTE B25(ANT4 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	24.64	23.77	22.73
		1882.5 (26365)	24.66	23.84	22.78
		1850.7 (26047)	24.60	23.83	22.68
	1RB-Middle (3)	1914.3 (26683)	24.66	23.78	22.70
		1882.5 (26365)	24.70	23.86	22.81
		1850.7 (26047)	24.61	23.86	22.75
	1RB-Low (0)	1914.3 (26683)	24.60	23.83	22.78
		1882.5 (26365)	24.65	23.85	22.80
		1850.7 (26047)	24.60	23.79	22.77
	3RB-High (3)	1914.3 (26683)	24.64	23.66	22.77
		1882.5 (26365)	24.66	23.61	22.73
		1850.7 (26047)	24.60	23.59	22.69
	3RB-Middle (1)	1914.3 (26683)	24.64	23.69	22.69
		1882.5 (26365)	24.68	23.65	22.70
		1850.7 (26047)	24.63	23.57	22.71
	3RB-Low (0)	1914.3 (26683)	24.65	23.66	22.73
		1882.5 (26365)	24.65	23.68	22.73
		1850.7 (26047)	24.64	23.63	22.75
	6RB (0)	1914.3 (26683)	23.64	22.73	21.56
		1882.5 (26365)	23.69	22.69	21.59
		1850.7 (26047)	23.64	22.66	21.56
3MHz	1RB-High (14)	1913.5 (26675)	24.65	23.80	22.82
		1882.5 (26365)	24.70	23.76	22.75
		1851.5 (26055)	24.60	23.82	22.68
	1RB-Middle (7)	1913.5 (26675)	24.66	23.87	22.85
		1882.5 (26365)	24.70	23.90	22.71
		1851.5 (26055)	24.66	23.85	22.78
	1RB-Low (0)	1913.5 (26675)	24.69	23.84	22.84
		1882.5 (26365)	24.71	23.80	22.81
		1851.5 (26055)	24.62	23.89	22.75
	8RB-High (7)	1913.5 (26675)	23.62	22.72	21.67
		1882.5 (26365)	23.60	22.69	21.66
		1851.5 (26055)	23.61	22.68	21.63
	8RB-Middle (4)	1913.5 (26675)	23.63	22.71	21.61
		1882.5 (26365)	23.63	22.65	21.63
		1851.5 (26055)	23.60	22.70	21.63
	8RB-Low (0)	1913.5 (26675)	23.66	22.69	21.62
		1882.5 (26365)	23.66	22.72	21.67
		1851.5 (26055)	23.61	22.67	21.61
	15RB (0)	1913.5 (26675)	23.60	22.66	21.66
		1882.5 (26365)	23.57	22.64	21.59
		1851.5 (26055)	23.59	22.64	21.52

5MHz	1RB-High (24)	1912.5 (26665)	24.69	23.88	22.85
		1882.5 (26365)	24.75	23.96	22.84
		1852.5 (26065)	24.68	23.82	22.75
	1RB-Middle (12)	1912.5 (26665)	24.71	23.87	22.82
		1882.5 (26365)	24.76	23.84	22.77
		1852.5 (26065)	24.64	23.84	22.76
	1RB-Low (0)	1912.5 (26665)	24.72	23.89	22.82
		1882.5 (26365)	24.70	23.92	22.83
		1852.5 (26065)	24.72	23.78	22.78
	12RB-High (13)	1912.5 (26665)	23.58	22.62	21.59
		1882.5 (26365)	23.62	22.56	21.63
		1852.5 (26065)	23.57	22.55	21.59
	12RB-Middle (6)	1912.5 (26665)	23.64	22.63	21.68
		1882.5 (26365)	23.66	22.65	21.67
		1852.5 (26065)	23.65	22.59	21.62
	12RB-Low (0)	1912.5 (26665)	23.74	22.70	21.69
		1882.5 (26365)	23.72	22.71	21.77
		1852.5 (26065)	23.63	22.64	21.67
	25RB (0)	1912.5 (26665)	23.64	22.67	21.64
		1882.5 (26365)	23.67	22.70	21.69
		1852.5 (26065)	23.68	22.65	21.62
10MHz	1RB-High (49)	1910 (26640)	24.74	23.94	22.79
		1882.5 (26365)	24.75	23.91	22.80
		1855 (26090)	24.71	23.93	22.68
	1RB-Middle (24)	1910 (26640)	24.77	23.99	22.87
		1882.5 (26365)	24.78	23.81	22.74
		1855 (26090)	24.69	23.84	22.69
	1RB-Low (0)	1910 (26640)	24.80	24.04	22.85
		1882.5 (26365)	24.78	23.83	22.71
		1855 (26090)	24.69	23.88	22.75
	25RB-High (25)	1910 (26640)	23.61	22.63	21.63
		1882.5 (26365)	23.73	22.68	21.67
		1855 (26090)	23.67	22.59	21.60
	25RB-Middle (12)	1910 (26640)	23.75	22.74	21.61
		1882.5 (26365)	23.73	22.70	21.66
		1855 (26090)	23.72	22.64	21.65
	25RB-Low (0)	1910 (26640)	23.78	22.78	21.75
		1882.5 (26365)	23.76	22.71	21.68
		1855 (26090)	23.66	22.68	21.68
	50RB (0)	1910 (26640)	23.71	22.66	21.72
		1882.5 (26365)	23.73	22.67	21.65
		1855 (26090)	23.67	22.62	21.62

15MHz	1RB-High (74)	1907.5 (26615)	24.71	23.91	22.74
		1882.5 (26365)	24.70	23.99	22.67
		1857.5 (26115)	24.64	23.78	22.74
	1RB-Middle (37)	1907.5 (26615)	24.82	23.93	22.88
		1882.5 (26365)	24.72	23.84	22.74
		1857.5 (26115)	24.68	23.96	22.76
	1RB-Low (0)	1907.5 (26615)	24.76	23.97	22.86
		1882.5 (26365)	24.64	23.87	22.73
		1857.5 (26115)	24.64	23.87	22.75
	36RB-High (38)	1907.5 (26615)	23.65	22.60	21.58
		1882.5 (26365)	23.69	22.58	21.59
		1857.5 (26115)	23.65	22.62	21.62
	36RB-Middle (19)	1907.5 (26615)	23.74	22.63	21.69
		1882.5 (26365)	23.72	22.65	21.62
		1857.5 (26115)	23.63	22.57	21.61
	36RB-Low (0)	1907.5 (26615)	23.78	22.74	21.73
		1882.5 (26365)	23.68	22.67	21.69
		1857.5 (26115)	23.66	22.61	21.66
	75RB (0)	1907.5 (26615)	23.77	22.72	21.65
		1882.5 (26365)	23.68	22.67	21.63
		1857.5 (26115)	23.66	22.58	21.61
20MHz	1RB-High (99)	1905 (26590)	24.65	23.82	22.62
		1882.5 (26365)	24.69	23.70	22.74
		1860 (26140)	24.54	23.65	22.63
	1RB-Middle (50)	1905 (26590)	24.81	23.89	22.74
		1882.5 (26365)	24.72	23.82	22.75
		1860 (26140)	24.67	23.85	22.78
	1RB-Low (0)	1905 (26590)	24.60	23.83	22.69
		1882.5 (26365)	24.56	23.68	22.66
		1860 (26140)	24.60	23.80	22.64
	50RB-High (50)	1905 (26590)	23.65	22.60	21.56
		1882.5 (26365)	23.61	22.67	21.60
		1860 (26140)	23.66	22.62	21.56
	50RB-Middle (25)	1905 (26590)	23.72	22.77	21.69
		1882.5 (26365)	23.68	22.65	21.70
		1860 (26140)	23.68	22.65	21.57
	50RB-Low (0)	1905 (26590)	23.80	22.81	21.75
		1882.5 (26365)	23.72	22.71	21.68
		1860 (26140)	23.69	22.65	21.60
	100RB (0)	1905 (26590)	23.75	22.73	21.65
		1882.5 (26365)	23.62	22.64	21.58
		1860 (26140)	23.73	22.65	21.57

LTE B25(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	17.11	17.28	17.22
		1882.5 (26365)	17.01	17.24	17.18
		1850.7 (26047)	16.94	17.21	17.10
	1RB-Middle (3)	1914.3 (26683)	17.15	17.43	17.26
		1882.5 (26365)	17.05	17.30	17.14
		1850.7 (26047)	16.93	17.24	17.05
	1RB-Low (0)	1914.3 (26683)	17.12	17.26	17.23
		1882.5 (26365)	16.99	17.30	17.22
		1850.7 (26047)	16.88	17.15	17.00
	3RB-High (3)	1914.3 (26683)	17.10	17.01	17.19
		1882.5 (26365)	17.03	17.03	17.08
		1850.7 (26047)	16.97	16.99	17.04
	3RB-Middle (1)	1914.3 (26683)	17.10	17.15	17.20
		1882.5 (26365)	17.00	17.05	17.17
		1850.7 (26047)	16.99	16.99	17.04
	3RB-Low (0)	1914.3 (26683)	17.11	17.10	17.15
		1882.5 (26365)	17.02	17.01	17.07
		1850.7 (26047)	16.90	16.91	17.02
	6RB (0)	1914.3 (26683)	17.12	17.18	17.06
		1882.5 (26365)	17.02	17.09	17.01
		1850.7 (26047)	16.96	17.07	16.92
3MHz	1RB-High (14)	1913.5 (26675)	17.02	17.30	17.29
		1882.5 (26365)	16.99	17.26	17.11
		1851.5 (26055)	16.88	17.19	17.00
	1RB-Middle (7)	1913.5 (26675)	17.12	17.41	17.28
		1882.5 (26365)	17.06	17.37	17.23
		1851.5 (26055)	16.92	17.20	17.18
	1RB-Low (0)	1913.5 (26675)	17.06	17.26	17.21
		1882.5 (26365)	17.02	17.38	17.21
		1851.5 (26055)	16.91	17.31	17.20
	8RB-High (7)	1913.5 (26675)	17.09	17.13	17.11
		1882.5 (26365)	17.02	17.07	17.04
		1851.5 (26055)	16.91	16.97	16.97
	8RB-Middle (4)	1913.5 (26675)	17.10	17.20	17.11
		1882.5 (26365)	16.97	17.04	17.04
		1851.5 (26055)	16.92	16.99	16.99
	8RB-Low (0)	1913.5 (26675)	17.10	17.15	17.13
		1882.5 (26365)	17.00	17.09	17.09
		1851.5 (26055)	16.91	16.97	17.02
	15RB (0)	1913.5 (26675)	17.06	17.09	17.08
		1882.5 (26365)	16.97	17.03	17.05
		1851.5 (26055)	16.92	16.99	16.97

5MHz	1RB-High (24)	1912.5 (26665)	17.11	17.49	17.34
		1882.5 (26365)	17.09	17.26	17.27
		1852.5 (26065)	16.96	17.14	17.06
	1RB-Middle (12)	1912.5 (26665)	17.16	17.25	17.33
		1882.5 (26365)	17.03	17.34	17.27
		1852.5 (26065)	16.95	17.18	17.14
	1RB-Low (0)	1912.5 (26665)	17.06	17.37	17.23
		1882.5 (26365)	17.08	17.35	17.22
		1852.5 (26065)	17.01	17.23	17.06
	12RB-High (13)	1912.5 (26665)	17.05	17.01	17.09
		1882.5 (26365)	17.01	17.05	17.09
		1852.5 (26065)	16.90	16.88	16.94
	12RB-Middle (6)	1912.5 (26665)	17.09	17.06	17.15
		1882.5 (26365)	17.03	17.03	17.08
		1852.5 (26065)	16.93	16.91	16.97
	12RB-Low (0)	1912.5 (26665)	17.11	17.12	17.14
		1882.5 (26365)	17.05	17.09	17.11
		1852.5 (26065)	17.00	16.97	17.01
	25RB (0)	1912.5 (26665)	17.11	17.14	17.08
		1882.5 (26365)	17.07	17.06	17.11
		1852.5 (26065)	16.96	16.96	16.97
10MHz	1RB-High (49)	1910 (26640)	17.13	17.31	17.28
		1882.5 (26365)	17.06	17.41	17.17
		1855 (26090)	16.94	17.09	17.14
	1RB-Middle (24)	1910 (26640)	17.17	17.43	17.34
		1882.5 (26365)	17.11	17.38	17.21
		1855 (26090)	16.99	17.16	17.14
	1RB-Low (0)	1910 (26640)	17.10	17.36	17.26
		1882.5 (26365)	17.05	17.29	17.21
		1855 (26090)	17.01	17.10	17.16
	25RB-High (25)	1910 (26640)	16.97	17.01	17.01
		1882.5 (26365)	17.04	17.06	17.04
		1855 (26090)	16.93	16.92	16.94
	25RB-Middle (12)	1910 (26640)	17.11	17.08	17.09
		1882.5 (26365)	17.02	17.06	17.11
		1855 (26090)	16.99	16.95	16.97
	25RB-Low (0)	1910 (26640)	17.11	17.18	17.15
		1882.5 (26365)	17.07	17.12	17.09
		1855 (26090)	16.94	17.03	16.96
	50RB (0)	1910 (26640)	17.02	17.06	17.08
		1882.5 (26365)	17.07	17.12	17.08
		1855 (26090)	16.90	16.90	16.96

15MHz	1RB-High (74)	1907.5 (26615)	17.08	17.42	17.29
		1882.5 (26365)	16.92	17.26	17.04
		1857.5 (26115)	16.91	17.22	17.09
	1RB-Middle (37)	1907.5 (26615)	17.05	17.28	17.20
		1882.5 (26365)	17.03	17.33	17.18
		1857.5 (26115)	16.92	17.19	17.11
	1RB-Low (0)	1907.5 (26615)	17.02	17.35	17.13
		1882.5 (26365)	17.03	17.16	17.15
		1857.5 (26115)	16.90	17.21	17.10
	36RB-High (38)	1907.5 (26615)	17.00	16.99	17.04
		1882.5 (26365)	16.95	16.97	17.06
		1857.5 (26115)	16.95	16.97	16.93
	36RB-Middle (19)	1907.5 (26615)	17.04	17.02	17.10
		1882.5 (26365)	17.08	17.02	17.04
		1857.5 (26115)	16.88	16.91	16.90
	36RB-Low (0)	1907.5 (26615)	17.12	17.14	17.14
		1882.5 (26365)	17.04	17.00	17.09
		1857.5 (26115)	16.91	16.95	16.93
	75RB (0)	1907.5 (26615)	17.11	17.10	17.05
		1882.5 (26365)	16.99	17.00	17.04
		1857.5 (26115)	16.95	16.93	16.91
20MHz	1RB-High (99)	1905 (26590)	17.09	17.30	17.20
		1882.5 (26365)	16.98	17.30	17.12
		1860 (26140)	16.89	17.14	17.08
	1RB-Middle (50)	1905 (26590)	17.12	17.44	17.23
		1882.5 (26365)	17.07	17.21	17.25
		1860 (26140)	16.97	17.24	17.09
	1RB-Low (0)	1905 (26590)	17.04	17.30	17.22
		1882.5 (26365)	16.94	17.22	17.03
		1860 (26140)	16.90	17.23	16.96
	50RB-High (50)	1905 (26590)	16.99	17.02	17.09
		1882.5 (26365)	17.01	17.01	16.98
		1860 (26140)	16.98	16.96	16.91
	50RB-Middle (25)	1905 (26590)	17.07	17.13	17.10
		1882.5 (26365)	17.09	17.12	17.11
		1860 (26140)	17.00	16.96	16.97
	50RB-Low (0)	1905 (26590)	17.15	17.19	17.16
		1882.5 (26365)	17.10	17.07	17.13
		1860 (26140)	17.03	16.98	16.93
	100RB (0)	1905 (26590)	17.09	17.07	17.09
		1882.5 (26365)	17.02	17.01	17.03
		1860 (26140)	16.93	16.90	16.96

LTE B25(ANT4 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	19.00	19.31	19.20
		1882.5 (26365)	18.95	19.28	19.16
		1850.7 (26047)	18.92	19.26	19.14
	1RB-Middle (3)	1914.3 (26683)	19.01	19.25	19.26
		1882.5 (26365)	18.96	19.29	19.13
		1850.7 (26047)	18.93	19.29	19.07
	1RB-Low (0)	1914.3 (26683)	18.98	19.21	19.11
		1882.5 (26365)	18.94	19.19	19.15
		1850.7 (26047)	18.94	19.24	19.13
	3RB-High (3)	1914.3 (26683)	19.03	19.01	19.14
		1882.5 (26365)	18.98	18.95	19.06
		1850.7 (26047)	18.93	18.97	19.01
	3RB-Middle (1)	1914.3 (26683)	19.03	19.02	19.12
		1882.5 (26365)	18.96	19.00	19.05
		1850.7 (26047)	18.94	18.99	19.02
	3RB-Low (0)	1914.3 (26683)	19.02	19.03	19.14
		1882.5 (26365)	18.98	18.92	19.06
		1850.7 (26047)	18.96	19.01	19.05
	6RB (0)	1914.3 (26683)	19.03	19.10	19.01
		1882.5 (26365)	18.96	19.06	18.90
		1850.7 (26047)	18.97	19.08	18.94
3MHz	1RB-High (14)	1913.5 (26675)	18.98	19.30	19.19
		1882.5 (26365)	18.94	19.19	19.16
		1851.5 (26055)	18.89	19.22	19.12
	1RB-Middle (7)	1913.5 (26675)	18.99	19.38	19.23
		1882.5 (26365)	18.98	19.19	19.15
		1851.5 (26055)	18.90	19.24	19.08
	1RB-Low (0)	1913.5 (26675)	19.03	19.43	19.28
		1882.5 (26365)	18.98	19.25	19.14
		1851.5 (26055)	18.93	19.20	19.09
	8RB-High (7)	1913.5 (26675)	18.98	19.11	19.05
		1882.5 (26365)	18.93	19.01	18.99
		1851.5 (26055)	18.90	19.00	18.96
	8RB-Middle (4)	1913.5 (26675)	19.00	19.12	19.06
		1882.5 (26365)	18.98	18.96	19.01
		1851.5 (26055)	18.95	19.01	18.97
	8RB-Low (0)	1913.5 (26675)	19.02	19.11	19.09
		1882.5 (26365)	18.94	19.03	18.99
		1851.5 (26055)	18.93	19.03	19.01
	15RB (0)	1913.5 (26675)	19.00	19.06	19.08
		1882.5 (26365)	18.95	18.96	18.93
		1851.5 (26055)	18.91	18.96	18.95

5MHz	1RB-High (24)	1912.5 (26665)	19.04	19.23	19.19
		1882.5 (26365)	19.01	19.31	19.11
		1852.5 (26065)	18.97	19.20	19.09
	1RB-Middle (12)	1912.5 (26665)	19.07	19.28	19.28
		1882.5 (26365)	19.00	19.25	19.08
		1852.5 (26065)	18.94	19.19	19.14
	1RB-Low (0)	1912.5 (26665)	19.09	19.34	19.30
		1882.5 (26365)	18.98	19.27	19.14
		1852.5 (26065)	18.94	19.14	19.08
	12RB-High (13)	1912.5 (26665)	18.98	18.91	19.01
		1882.5 (26365)	18.97	18.97	18.96
		1852.5 (26065)	18.91	18.94	18.95
	12RB-Middle (6)	1912.5 (26665)	19.05	19.04	19.06
		1882.5 (26365)	18.96	18.94	19.02
		1852.5 (26065)	18.93	18.92	18.99
	12RB-Low (0)	1912.5 (26665)	19.13	19.06	19.18
		1882.5 (26365)	19.02	19.02	19.01
		1852.5 (26065)	18.91	18.97	18.94
	25RB (0)	1912.5 (26665)	19.01	19.08	19.05
		1882.5 (26365)	18.99	18.98	19.05
		1852.5 (26065)	18.94	18.93	18.95
10MHz	1RB-High (49)	1910 (26640)	19.03	19.22	19.22
		1882.5 (26365)	18.98	19.25	19.23
		1855 (26090)	18.94	19.18	19.13
	1RB-Middle (24)	1910 (26640)	19.08	19.41	19.27
		1882.5 (26365)	19.01	19.30	19.20
		1855 (26090)	18.97	19.26	19.11
	1RB-Low (0)	1910 (26640)	19.05	19.34	19.28
		1882.5 (26365)	18.97	19.30	19.20
		1855 (26090)	18.94	19.28	19.12
	25RB-High (25)	1910 (26640)	18.99	18.96	18.96
		1882.5 (26365)	19.01	19.05	19.03
		1855 (26090)	18.93	18.93	18.96
	25RB-Middle (12)	1910 (26640)	19.10	19.10	19.12
		1882.5 (26365)	18.96	18.99	19.03
		1855 (26090)	18.93	19.00	18.95
	25RB-Low (0)	1910 (26640)	19.16	19.19	19.14
		1882.5 (26365)	18.99	19.02	18.96
		1855 (26090)	18.99	19.00	18.93
	50RB (0)	1910 (26640)	19.12	19.10	19.11
		1882.5 (26365)	18.98	19.04	19.01
		1855 (26090)	18.96	18.95	18.90

15MHz	1RB-High (74)	1907.5 (26615)	18.95	19.16	19.18
		1882.5 (26365)	18.95	19.21	19.15
		1857.5 (26115)	18.81	19.09	19.11
	1RB-Middle (37)	1907.5 (26615)	19.04	19.28	19.31
		1882.5 (26365)	18.97	19.30	19.17
		1857.5 (26115)	18.86	19.10	19.02
	1RB-Low (0)	1907.5 (26615)	18.99	19.37	19.28
		1882.5 (26365)	18.97	19.28	19.17
		1857.5 (26115)	18.87	19.21	19.06
	36RB-High (38)	1907.5 (26615)	18.97	18.96	19.04
		1882.5 (26365)	18.92	18.93	19.02
		1857.5 (26115)	18.87	18.94	18.97
	36RB-Middle (19)	1907.5 (26615)	19.05	19.05	19.06
		1882.5 (26365)	18.93	19.04	19.01
		1857.5 (26115)	18.91	18.94	19.02
	36RB-Low (0)	1907.5 (26615)	19.08	19.10	19.06
		1882.5 (26365)	18.95	18.94	19.05
		1857.5 (26115)	18.95	18.99	19.00
	75RB (0)	1907.5 (26615)	19.05	19.05	19.06
		1882.5 (26365)	18.95	18.98	18.94
		1857.5 (26115)	18.91	18.95	18.92
20MHz	1RB-High (99)	1905 (26590)	18.94	19.24	19.11
		1882.5 (26365)	18.91	19.21	19.12
		1860 (26140)	18.86	19.09	19.01
	1RB-Middle (50)	1905 (26590)	19.05	19.39	19.22
		1882.5 (26365)	18.99	19.26	19.17
		1860 (26140)	18.95	19.21	19.10
	1RB-Low (0)	1905 (26590)	18.97	19.17	19.21
		1882.5 (26365)	18.90	19.18	18.98
		1860 (26140)	18.87	19.09	19.09
	50RB-High (50)	1905 (26590)	18.95	18.96	18.96
		1882.5 (26365)	19.00	19.00	18.93
		1860 (26140)	18.97	18.97	18.90
	50RB-Middle (25)	1905 (26590)	19.08	19.07	19.11
		1882.5 (26365)	19.01	19.05	19.05
		1860 (26140)	18.99	19.00	18.93
	50RB-Low (0)	1905 (26590)	19.16	19.10	19.20
		1882.5 (26365)	18.99	18.99	18.97
		1860 (26140)	19.02	18.99	18.98
	100RB (0)	1905 (26590)	19.08	19.09	19.06
		1882.5 (26365)	18.97	18.97	18.94
		1860 (26140)	18.90	18.97	18.91

LTE B25(ANT1 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	24.58	23.58	22.89
		1882.5 (26365)	24.60	23.65	22.94
		1850.7 (26047)	24.54	23.64	22.84
	1RB-Middle (3)	1914.3 (26683)	24.60	23.59	22.86
		1882.5 (26365)	24.64	23.67	22.97
		1850.7 (26047)	24.55	23.67	22.91
	1RB-Low (0)	1914.3 (26683)	24.54	23.64	22.94
		1882.5 (26365)	24.59	23.66	22.96
		1850.7 (26047)	24.54	23.60	22.93
	3RB-High (3)	1914.3 (26683)	24.58	23.47	22.93
		1882.5 (26365)	24.60	23.42	22.89
		1850.7 (26047)	24.54	23.40	22.85
	3RB-Middle (1)	1914.3 (26683)	24.58	23.50	22.85
		1882.5 (26365)	24.62	23.46	22.86
		1850.7 (26047)	24.57	23.38	22.87
	3RB-Low (0)	1914.3 (26683)	24.59	23.47	22.89
		1882.5 (26365)	24.59	23.49	22.89
		1850.7 (26047)	24.58	23.44	22.91
	6RB (0)	1914.3 (26683)	23.58	22.55	21.71
		1882.5 (26365)	23.63	22.51	21.74
		1850.7 (26047)	23.58	22.48	21.71
3MHz	1RB-High (14)	1913.5 (26675)	24.59	23.61	22.98
		1882.5 (26365)	24.64	23.57	22.91
		1851.5 (26055)	24.54	23.63	22.84
	1RB-Middle (7)	1913.5 (26675)	24.60	23.68	23.01
		1882.5 (26365)	24.64	23.71	22.87
		1851.5 (26055)	24.60	23.66	22.94
	1RB-Low (0)	1913.5 (26675)	24.63	23.65	23.00
		1882.5 (26365)	24.65	23.61	22.97
		1851.5 (26055)	24.56	23.70	22.91
	8RB-High (7)	1913.5 (26675)	23.56	22.54	21.82
		1882.5 (26365)	23.54	22.51	21.81
		1851.5 (26055)	23.55	22.50	21.78
	8RB-Middle (4)	1913.5 (26675)	23.57	22.53	21.76
		1882.5 (26365)	23.57	22.47	21.78
		1851.5 (26055)	23.54	22.52	21.78
	8RB-Low (0)	1913.5 (26675)	23.60	22.51	21.77
		1882.5 (26365)	23.60	22.54	21.82
		1851.5 (26055)	23.55	22.49	21.76
	15RB (0)	1913.5 (26675)	23.54	22.48	21.81
		1882.5 (26365)	23.51	22.46	21.74
		1851.5 (26055)	23.53	22.46	21.67

5MHz	1RB-High (24)	1912.5 (26665)	24.63	23.69	23.01
		1882.5 (26365)	24.69	23.77	23.00
		1852.5 (26065)	24.62	23.63	22.91
	1RB-Middle (12)	1912.5 (26665)	24.65	23.68	22.98
		1882.5 (26365)	24.70	23.65	22.93
		1852.5 (26065)	24.58	23.65	22.92
	1RB-Low (0)	1912.5 (26665)	24.66	23.70	22.98
		1882.5 (26365)	24.64	23.73	22.99
		1852.5 (26065)	24.66	23.59	22.94
	12RB-High (13)	1912.5 (26665)	23.52	22.44	21.74
		1882.5 (26365)	23.56	22.38	21.78
		1852.5 (26065)	23.51	22.37	21.74
	12RB-Middle (6)	1912.5 (26665)	23.58	22.45	21.83
		1882.5 (26365)	23.60	22.47	21.82
		1852.5 (26065)	23.59	22.41	21.77
	12RB-Low (0)	1912.5 (26665)	23.68	22.52	21.84
		1882.5 (26365)	23.66	22.53	21.92
		1852.5 (26065)	23.57	22.46	21.82
	25RB (0)	1912.5 (26665)	23.58	22.49	21.79
		1882.5 (26365)	23.61	22.52	21.84
		1852.5 (26065)	23.62	22.47	21.77
10MHz	1RB-High (49)	1910 (26640)	24.68	23.75	22.95
		1882.5 (26365)	24.69	23.72	22.96
		1855 (26090)	24.65	23.74	22.84
	1RB-Middle (24)	1910 (26640)	24.71	23.80	23.03
		1882.5 (26365)	24.72	23.62	22.90
		1855 (26090)	24.63	23.65	22.85
	1RB-Low (0)	1910 (26640)	24.74	23.85	23.01
		1882.5 (26365)	24.72	23.64	22.87
		1855 (26090)	24.63	23.69	22.91
	25RB-High (25)	1910 (26640)	23.55	22.45	21.78
		1882.5 (26365)	23.67	22.50	21.82
		1855 (26090)	23.61	22.41	21.75
	25RB-Middle (12)	1910 (26640)	23.69	22.56	21.76
		1882.5 (26365)	23.67	22.52	21.81
		1855 (26090)	23.66	22.46	21.80
	25RB-Low (0)	1910 (26640)	23.72	22.60	21.90
		1882.5 (26365)	23.70	22.53	21.83
		1855 (26090)	23.60	22.50	21.83
	50RB (0)	1910 (26640)	23.65	22.48	21.87
		1882.5 (26365)	23.67	22.49	21.80
		1855 (26090)	23.61	22.44	21.77

15MHz	1RB-High (74)	1907.5 (26615)	24.65	23.72	22.90
		1882.5 (26365)	24.64	23.80	22.83
		1857.5 (26115)	24.58	23.59	22.90
	1RB-Middle (37)	1907.5 (26615)	24.76	23.74	23.04
		1882.5 (26365)	24.66	23.65	22.90
		1857.5 (26115)	24.62	23.77	22.92
	1RB-Low (0)	1907.5 (26615)	24.70	23.78	23.02
		1882.5 (26365)	24.58	23.68	22.89
		1857.5 (26115)	24.58	23.68	22.91
	36RB-High (38)	1907.5 (26615)	23.59	22.42	21.73
		1882.5 (26365)	23.63	22.40	21.74
		1857.5 (26115)	23.59	22.44	21.77
	36RB-Middle (19)	1907.5 (26615)	23.68	22.45	21.84
		1882.5 (26365)	23.66	22.47	21.77
		1857.5 (26115)	23.57	22.39	21.76
	36RB-Low (0)	1907.5 (26615)	23.72	22.56	21.88
		1882.5 (26365)	23.62	22.49	21.84
		1857.5 (26115)	23.60	22.43	21.81
	75RB (0)	1907.5 (26615)	23.71	22.54	21.80
		1882.5 (26365)	23.62	22.49	21.78
		1857.5 (26115)	23.60	22.40	21.76
20MHz	1RB-High (99)	1905 (26590)	24.59	23.63	22.78
		1882.5 (26365)	24.56	23.60	22.75
		1860 (26140)	24.58	23.62	22.77
	1RB-Middle (50)	1905 (26590)	24.83	23.65	22.80
		1882.5 (26365)	24.62	23.66	22.80
		1860 (26140)	24.70	23.73	22.87
	1RB-Low (0)	1905 (26590)	24.65	23.69	22.83
		1882.5 (26365)	24.51	23.55	22.71
		1860 (26140)	24.53	23.57	22.73
	50RB-High (50)	1905 (26590)	23.32	22.73	21.71
		1882.5 (26365)	23.34	22.75	21.73
		1860 (26140)	23.60	23.10	21.98
	50RB-Middle (25)	1905 (26590)	23.65	23.03	22.08
		1882.5 (26365)	23.59	22.99	21.95
		1860 (26140)	23.64	23.04	21.99
	50RB-Low (0)	1905 (26590)	23.49	22.89	21.86
		1882.5 (26365)	23.55	22.95	21.91
		1860 (26140)	23.77	23.16	22.10
	100RB (0)	1905 (26590)	23.41	22.82	21.79
		1882.5 (26365)	23.43	22.84	21.81
		1860 (26140)	23.68	23.07	22.03

LTE B25(ANT1 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	23.49	23.06	22.16
		1882.5 (26365)	23.45	23.02	22.13
		1850.7 (26047)	23.40	22.97	22.08
	1RB-Middle (3)	1914.3 (26683)	23.52	23.09	22.19
		1882.5 (26365)	23.57	23.14	22.23
		1850.7 (26047)	23.54	23.11	22.21
	1RB-Low (0)	1914.3 (26683)	23.51	23.08	22.18
		1882.5 (26365)	23.38	22.95	22.06
		1850.7 (26047)	23.36	22.94	22.05
	3RB-High (3)	1914.3 (26683)	22.71	21.89	21.84
		1882.5 (26365)	22.76	21.94	21.89
		1850.7 (26047)	22.97	22.13	22.08
	3RB-Middle (1)	1914.3 (26683)	23.03	22.19	22.14
		1882.5 (26365)	23.02	22.18	22.13
		1850.7 (26047)	22.99	22.15	22.10
	3RB-Low (0)	1914.3 (26683)	22.84	22.01	21.96
		1882.5 (26365)	22.96	22.12	22.07
		1850.7 (26047)	23.13	22.28	22.23
	6RB (0)	1914.3 (26683)	22.79	21.96	21.41
		1882.5 (26365)	22.81	21.98	21.43
		1850.7 (26047)	23.05	22.21	21.39
3MHz	1RB-High (14)	1913.5 (26675)	23.54	23.11	22.20
		1882.5 (26365)	23.50	23.07	22.17
		1851.5 (26055)	23.45	23.02	22.12
	1RB-Middle (7)	1913.5 (26675)	23.57	23.14	22.23
		1882.5 (26365)	23.62	23.19	22.27
		1851.5 (26055)	23.59	23.16	22.25
	1RB-Low (0)	1913.5 (26675)	23.56	23.13	22.22
		1882.5 (26365)	23.43	23.00	22.10
		1851.5 (26055)	23.41	22.99	22.09
	8RB-High (7)	1913.5 (26675)	22.76	21.93	21.38
		1882.5 (26365)	22.81	21.98	21.43
		1851.5 (26055)	23.02	22.17	21.42
	8RB-Middle (4)	1913.5 (26675)	23.08	22.23	21.48
		1882.5 (26365)	23.07	22.22	21.47
		1851.5 (26055)	23.04	22.19	21.44
	8RB-Low (0)	1913.5 (26675)	22.89	22.05	21.40
		1882.5 (26365)	23.01	22.16	21.41
		1851.5 (26055)	23.18	22.32	21.47
	15RB (0)	1913.5 (26675)	22.84	22.00	21.35
		1882.5 (26365)	22.86	22.02	21.47
		1851.5 (26055)	23.10	22.25	21.39

5MHz	1RB-High (24)	1912.5 (26665)	23.59	23.16	22.24
		1882.5 (26365)	23.55	23.12	22.21
		1852.5 (26065)	23.50	23.07	22.16
	1RB-Middle (12)	1912.5 (26665)	23.62	23.19	22.27
		1882.5 (26365)	23.67	23.24	22.31
		1852.5 (26065)	23.64	23.21	22.29
	1RB-Low (0)	1912.5 (26665)	23.61	23.18	22.26
		1882.5 (26365)	23.48	23.05	22.14
		1852.5 (26065)	23.46	23.04	22.13
	12RB-High (13)	1912.5 (26665)	22.81	21.97	21.42
		1882.5 (26365)	22.86	22.02	21.47
		1852.5 (26065)	23.07	22.21	21.26
	12RB-Middle (6)	1912.5 (26665)	23.13	22.27	21.32
		1882.5 (26365)	23.12	22.26	21.31
		1852.5 (26065)	23.09	22.23	21.28
	12RB-Low (0)	1912.5 (26665)	22.94	22.09	21.14
		1882.5 (26365)	23.06	22.20	21.25
		1852.5 (26065)	23.23	22.36	21.41
	25RB (0)	1912.5 (26665)	22.89	22.04	21.09
		1882.5 (26365)	22.91	22.06	21.41
		1852.5 (26065)	23.15	22.29	21.43
10MHz	1RB-High (49)	1910 (26640)	23.64	23.21	22.28
		1882.5 (26365)	23.60	23.17	22.25
		1855 (26090)	23.55	23.12	22.20
	1RB-Middle (24)	1910 (26640)	23.67	23.24	22.31
		1882.5 (26365)	23.72	23.29	22.35
		1855 (26090)	23.69	23.26	22.33
	1RB-Low (0)	1910 (26640)	23.66	23.23	22.30
		1882.5 (26365)	23.53	23.10	22.18
		1855 (26090)	23.51	23.09	22.17
	25RB-High (25)	1910 (26640)	22.86	22.01	21.46
		1882.5 (26365)	22.91	22.06	21.21
		1855 (26090)	23.12	22.25	21.40
	25RB-Middle (12)	1910 (26640)	23.18	22.31	21.46
		1882.5 (26365)	23.17	22.30	21.45
		1855 (26090)	23.14	22.27	21.42
	25RB-Low (0)	1910 (26640)	22.99	22.13	21.28
		1882.5 (26365)	23.11	22.24	21.39
		1855 (26090)	23.28	22.40	21.45
	50RB (0)	1910 (26640)	22.94	22.08	21.23
		1882.5 (26365)	22.96	22.10	21.25
		1855 (26090)	23.20	22.33	21.47

15MHz	1RB-High (74)	1907.5 (26615)	23.69	23.26	22.32
		1882.5 (26365)	23.65	23.22	22.29
		1857.5 (26115)	23.60	23.17	22.24
	1RB-Middle (37)	1907.5 (26615)	23.72	23.29	22.35
		1882.5 (26365)	23.77	23.34	22.39
		1857.5 (26115)	23.74	23.31	22.37
	1RB-Low (0)	1907.5 (26615)	23.71	23.28	22.34
		1882.5 (26365)	23.58	23.15	22.22
		1857.5 (26115)	23.56	23.14	22.21
	36RB-High (38)	1907.5 (26615)	22.91	22.05	21.25
		1882.5 (26365)	22.96	22.10	21.44
		1857.5 (26115)	23.17	22.29	21.50
	36RB-Middle (19)	1907.5 (26615)	23.23	22.35	21.49
		1882.5 (26365)	23.22	22.34	21.46
		1857.5 (26115)	23.19	22.31	21.32
	36RB-Low (0)	1907.5 (26615)	23.04	22.17	21.43
		1882.5 (26365)	23.16	22.28	21.49
		1857.5 (26115)	23.33	22.44	21.27
	75RB (0)	1907.5 (26615)	22.99	22.12	21.29
		1882.5 (26365)	23.01	22.14	21.41
		1857.5 (26115)	23.25	22.37	21.44
20MHz	1RB-High (99)	1905 (26590)	23.74	23.31	22.36
		1882.5 (26365)	23.70	23.27	22.33
		1860 (26140)	23.65	23.22	22.28
	1RB-Middle (50)	1905 (26590)	23.87	23.34	22.39
		1882.5 (26365)	23.82	23.39	22.43
		1860 (26140)	23.79	23.36	22.41
	1RB-Low (0)	1905 (26590)	23.76	23.33	22.38
		1882.5 (26365)	23.63	23.20	22.26
		1860 (26140)	23.61	23.19	22.25
	50RB-High (50)	1905 (26590)	22.96	22.09	21.04
		1882.5 (26365)	23.01	22.14	21.09
		1860 (26140)	23.22	22.33	21.28
	50RB-Middle (25)	1905 (26590)	23.28	22.39	21.34
		1882.5 (26365)	23.27	22.38	21.33
		1860 (26140)	23.24	22.35	21.30
	50RB-Low (0)	1905 (26590)	23.09	22.21	21.16
		1882.5 (26365)	23.21	22.32	21.27
		1860 (26140)	23.27	22.48	21.43
	100RB (0)	1905 (26590)	23.04	22.16	21.11
		1882.5 (26365)	23.06	22.18	21.13
		1860 (26140)	23.30	22.41	21.35

LTE B25(ANT1 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	20.81	21.02	20.89
		1882.5 (26365)	20.69	20.97	20.84
		1850.7 (26047)	20.60	20.93	20.74
	1RB-Middle (3)	1914.3 (26683)	20.86	21.20	20.94
		1882.5 (26365)	20.74	21.04	20.79
		1850.7 (26047)	20.59	20.97	20.68
	1RB-Low (0)	1914.3 (26683)	20.82	20.99	20.90
		1882.5 (26365)	20.66	21.04	20.89
		1850.7 (26047)	20.53	20.86	20.62
	3RB-High (3)	1914.3 (26683)	20.80	20.69	20.85
		1882.5 (26365)	20.71	20.71	20.72
		1850.7 (26047)	20.64	20.67	20.67
	3RB-Middle (1)	1914.3 (26683)	20.80	20.86	20.87
		1882.5 (26365)	20.68	20.74	20.83
		1850.7 (26047)	20.66	20.67	20.67
	3RB-Low (0)	1914.3 (26683)	20.81	20.80	20.81
		1882.5 (26365)	20.70	20.69	20.71
		1850.7 (26047)	20.55	20.57	20.65
	6RB (0)	1914.3 (26683)	20.82	20.90	20.70
		1882.5 (26365)	20.70	20.79	20.64
		1850.7 (26047)	20.63	20.76	20.53
3MHz	1RB-High (14)	1913.5 (26675)	20.70	21.04	20.98
		1882.5 (26365)	20.66	20.99	20.76
		1851.5 (26055)	20.53	20.91	20.62
	1RB-Middle (7)	1913.5 (26675)	20.82	21.18	20.96
		1882.5 (26365)	20.75	21.13	20.90
		1851.5 (26055)	20.58	20.92	20.84
	1RB-Low (0)	1913.5 (26675)	20.75	20.99	20.88
		1882.5 (26365)	20.70	21.14	20.88
		1851.5 (26055)	20.57	21.05	20.87
	8RB-High (7)	1913.5 (26675)	20.79	20.84	20.76
		1882.5 (26365)	20.70	20.76	20.67
		1851.5 (26055)	20.57	20.64	20.59
	8RB-Middle (4)	1913.5 (26675)	20.80	20.92	20.76
		1882.5 (26365)	20.64	20.73	20.67
		1851.5 (26055)	20.58	20.67	20.61
	8RB-Low (0)	1913.5 (26675)	20.80	20.86	20.78
		1882.5 (26365)	20.68	20.79	20.73
		1851.5 (26055)	20.57	20.64	20.65
	15RB (0)	1913.5 (26675)	20.75	20.79	20.72
		1882.5 (26365)	20.64	20.71	20.68
		1851.5 (26055)	20.58	20.67	20.59

5MHz	1RB-High (24)	1912.5 (26665)	20.81	21.27	21.04
		1882.5 (26365)	20.79	20.99	20.95
		1852.5 (26065)	20.63	20.85	20.70
	1RB-Middle (12)	1912.5 (26665)	20.87	20.98	21.02
		1882.5 (26365)	20.71	21.09	20.95
		1852.5 (26065)	20.61	20.90	20.79
	1RB-Low (0)	1912.5 (26665)	20.75	21.13	20.90
		1882.5 (26365)	20.77	21.10	20.89
		1852.5 (26065)	20.69	20.96	20.70
	12RB-High (13)	1912.5 (26665)	20.74	20.69	20.73
		1882.5 (26365)	20.69	20.74	20.73
		1852.5 (26065)	20.55	20.53	20.55
	12RB-Middle (6)	1912.5 (26665)	20.79	20.75	20.81
		1882.5 (26365)	20.71	20.71	20.72
		1852.5 (26065)	20.59	20.57	20.59
	12RB-Low (0)	1912.5 (26665)	20.81	20.82	20.79
		1882.5 (26365)	20.74	20.79	20.76
		1852.5 (26065)	20.68	20.64	20.64
	25RB (0)	1912.5 (26665)	20.81	20.85	20.72
		1882.5 (26365)	20.76	20.75	20.76
		1852.5 (26065)	20.63	20.63	20.59
10MHz	1RB-High (49)	1910 (26640)	20.83	21.05	20.96
		1882.5 (26365)	20.75	21.18	20.83
		1855 (26090)	20.60	20.79	20.79
	1RB-Middle (24)	1910 (26640)	20.88	21.20	21.04
		1882.5 (26365)	20.81	21.14	20.88
		1855 (26090)	20.66	20.87	20.79
	1RB-Low (0)	1910 (26640)	20.80	21.12	20.94
		1882.5 (26365)	20.74	21.03	20.88
		1855 (26090)	20.69	20.80	20.82
	25RB-High (25)	1910 (26640)	20.64	20.69	20.64
		1882.5 (26365)	20.72	20.75	20.67
		1855 (26090)	20.59	20.58	20.55
	25RB-Middle (12)	1910 (26640)	20.81	20.78	20.73
		1882.5 (26365)	20.70	20.75	20.76
		1855 (26090)	20.66	20.62	20.59
	25RB-Low (0)	1910 (26640)	20.81	20.90	20.81
		1882.5 (26365)	20.76	20.82	20.73
		1855 (26090)	20.60	20.71	20.58
	50RB (0)	1910 (26640)	20.70	20.75	20.72
		1882.5 (26365)	20.76	20.82	20.72
		1855 (26090)	20.55	20.56	20.58

15MHz	1RB-High (74)	1907.5 (26615)	20.77	21.19	20.98
		1882.5 (26365)	20.58	20.99	20.67
		1857.5 (26115)	20.57	20.95	20.73
	1RB-Middle (37)	1907.5 (26615)	20.74	21.02	20.87
		1882.5 (26365)	20.71	21.08	20.84
		1857.5 (26115)	20.58	20.91	20.76
	1RB-Low (0)	1907.5 (26615)	20.70	21.10	20.78
		1882.5 (26365)	20.71	20.87	20.81
		1857.5 (26115)	20.55	20.93	20.74
	36RB-High (38)	1907.5 (26615)	20.68	20.67	20.67
		1882.5 (26365)	20.61	20.64	20.70
		1857.5 (26115)	20.61	20.64	20.54
	36RB-Middle (19)	1907.5 (26615)	20.72	20.70	20.74
		1882.5 (26365)	20.77	20.70	20.67
		1857.5 (26115)	20.53	20.57	20.50
	36RB-Low (0)	1907.5 (26615)	20.82	20.85	20.79
		1882.5 (26365)	20.72	20.68	20.73
		1857.5 (26115)	20.57	20.62	20.54
	75RB (0)	1907.5 (26615)	20.81	20.80	20.68
		1882.5 (26365)	20.66	20.68	20.67
		1857.5 (26115)	20.61	20.59	20.51
20MHz	1RB-High (99)	1905 (26590)	20.78	21.04	20.87
		1882.5 (26365)	20.74	21.04	20.77
		1860 (26140)	20.72	20.85	20.72
	1RB-Middle (50)	1905 (26590)	20.85	21.21	20.90
		1882.5 (26365)	20.81	20.93	20.93
		1860 (26140)	20.82	20.97	20.73
	1RB-Low (0)	1905 (26590)	20.60	21.04	20.89
		1882.5 (26365)	20.72	20.95	20.66
		1860 (26140)	20.67	20.96	20.58
	50RB-High (50)	1905 (26590)	20.56	20.70	20.73
		1882.5 (26365)	20.58	20.69	20.60
		1860 (26140)	20.59	20.63	20.51
	50RB-Middle (25)	1905 (26590)	20.78	20.84	20.74
		1882.5 (26365)	20.77	20.82	20.76
		1860 (26140)	20.75	20.63	20.59
	50RB-Low (0)	1905 (26590)	20.62	20.91	20.82
		1882.5 (26365)	20.72	20.76	20.78
		1860 (26140)	20.69	20.65	20.54
	100RB (0)	1905 (26590)	20.53	20.76	20.73
		1882.5 (26365)	20.70	20.69	20.66
		1860 (26140)	20.69	20.56	20.58

LTE B26(ANT0 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	848.3 (27033)	24.67	23.78	22.90
		831.5 (26865)	24.65	23.80	22.84
		814.7 (26697)	24.62	23.95	22.88
	1RB-Middle (3)	848.3 (27033)	24.64	23.91	22.94
		831.5 (26865)	24.62	23.89	22.94
		814.7 (26697)	24.60	24.04	22.89
	1RB-Low (0)	848.3 (27033)	24.67	23.89	22.93
		831.5 (26865)	24.66	23.80	22.89
		814.7 (26697)	24.62	24.02	22.96
	3RB-High (3)	848.3 (27033)	24.67	23.60	22.89
		831.5 (26865)	24.64	23.67	22.82
		814.7 (26697)	24.63	23.77	22.80
	3RB-Middle (1)	848.3 (27033)	24.68	23.72	22.84
		831.5 (26865)	24.67	23.60	22.90
		814.7 (26697)	24.64	23.78	22.82
	3RB-Low (0)	848.3 (27033)	24.66	23.73	22.85
		831.5 (26865)	24.67	23.65	22.83
		814.7 (26697)	24.61	23.75	22.84
	6RB (0)	848.3 (27033)	23.70	22.86	21.71
		831.5 (26865)	23.68	22.84	21.74
		814.7 (26697)	23.80	22.86	21.70
3MHz	1RB-High (14)	847.5 (27025)	24.66	23.88	22.93
		831.5 (26865)	24.69	23.91	22.92
		815.5 (26705)	24.67	23.93	22.97
	1RB-Middle (7)	847.5 (27025)	24.70	23.91	23.04
		831.5 (26865)	24.77	23.83	22.90
		815.5 (26705)	24.73	23.74	22.88
	1RB-Low (0)	847.5 (27025)	24.67	23.92	22.91
		831.5 (26865)	24.70	23.92	22.91
		815.5 (26705)	24.68	23.83	22.95
	8RB-High (7)	847.5 (27025)	23.64	22.86	21.78
		831.5 (26865)	23.66	22.81	21.80
		815.5 (26705)	23.77	22.86	21.79
	8RB-Middle (4)	847.5 (27025)	23.66	22.89	21.81
		831.5 (26865)	23.62	22.81	21.79
		815.5 (26705)	23.72	22.83	21.79
	8RB-Low (0)	847.5 (27025)	23.70	22.88	21.83
		831.5 (26865)	23.72	22.85	21.79
		815.5 (26705)	23.72	22.85	21.82
	15RB (0)	847.5 (27025)	23.66	22.78	21.76
		831.5 (26865)	23.66	22.82	21.74
		815.5 (26705)	23.69	22.83	21.75

5MHz	1RB-High (24)	846.5 (27015)	24.71	23.90	22.93
		831.5 (26865)	24.71	23.90	22.92
		816.5 (26715)	24.73	23.91	22.87
	1RB-Middle (12)	846.5 (27015)	24.75	24.02	22.99
		831.5 (26865)	24.78	23.96	22.98
		816.5 (26715)	24.71	24.04	22.93
	1RB-Low (0)	846.5 (27015)	24.71	23.84	23.04
		831.5 (26865)	24.78	23.96	22.97
		816.5 (26715)	24.73	24.05	22.86
	12RB-High (13)	846.5 (27015)	23.58	22.75	21.78
		831.5 (26865)	23.63	22.82	21.79
		816.5 (26715)	23.82	22.81	21.83
	12RB-Middle (6)	846.5 (27015)	23.69	22.87	21.88
		831.5 (26865)	23.68	22.78	21.86
		816.5 (26715)	23.80	22.82	21.80
	12RB-Low (0)	846.5 (27015)	23.73	22.90	21.93
		831.5 (26865)	23.69	22.83	21.86
		816.5 (26715)	23.85	22.86	21.84
	25RB (0)	846.5 (27015)	23.70	22.86	21.84
		831.5 (26865)	23.71	22.84	21.83
		816.5 (26715)	23.82	22.85	21.76
10MHz	1RB-High (49)	844 (26990)	24.70	23.92	22.88
		831.5 (26865)	24.71	23.90	22.93
		820 (26750)	24.73	23.97	22.86
	1RB-Middle (24)	844 (26990)	24.81	24.03	23.02
		831.5 (26865)	24.78	23.96	22.95
		820 (26750)	24.73	23.91	22.89
	1RB-Low (0)	844 (26990)	24.74	24.00	22.96
		831.5 (26865)	24.71	23.87	22.97
		820 (26750)	24.78	24.12	22.98
	25RB-High (25)	844 (26990)	23.64	22.73	21.70
		831.5 (26865)	23.61	22.79	21.82
		820 (26750)	23.72	22.87	21.82
	25RB-Middle (12)	844 (26990)	23.70	22.86	21.83
		831.5 (26865)	23.64	22.80	21.78
		820 (26750)	23.69	22.86	21.84
	25RB-Low (0)	844 (26990)	23.75	22.98	21.95
		831.5 (26865)	23.72	22.90	21.88
		820 (26750)	23.76	22.84	21.73
	50RB (0)	844 (26990)	23.72	22.83	21.82
		831.5 (26865)	23.70	22.84	21.77
		820 (26750)	23.70	22.85	21.77

15MHz	1RB-High (74)	841.5 (26965)	24.57	23.78	22.90
		831.5 (26865)	24.59	23.81	22.82
		822.5 (26775)	24.63	23.74	22.83
	1RB-Middle (37)	841.5 (26965)	24.70	23.98	22.98
		831.5 (26865)	24.70	23.95	22.87
		822.5 (26775)	24.64	23.83	22.85
	1RB-Low (0)	841.5 (26965)	24.62	23.81	22.97
		831.5 (26865)	24.62	23.85	22.87
		822.5 (26775)	24.63	24.04	22.85
	36RB-High (38)	841.5 (26965)	23.56	22.78	21.78
		831.5 (26865)	23.57	22.67	21.69
		822.5 (26775)	23.59	22.73	21.76
	36RB-Middle (19)	841.5 (26965)	23.66	22.77	21.79
		831.5 (26865)	23.60	22.80	21.79
		822.5 (26775)	23.62	22.75	21.73
	36RB-Low (0)	841.5 (26965)	23.63	22.81	21.79
		831.5 (26865)	23.63	22.75	21.77
		822.5 (26775)	23.73	22.74	21.67
	75RB (0)	841.5 (26965)	23.67	22.71	21.80
		831.5 (26865)	23.66	22.76	21.75
		822.5 (26775)	23.63	22.78	21.75

LTE B30(ANT4 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2312.5 (27735)	23.64	22.76	21.86
		2310 (27710)	23.61	22.83	21.89
		2307.5 (27685)	23.57	22.77	21.83
	1RB-Middle (12)	2312.5 (27735)	23.68	22.78	21.89
		2310 (27710)	23.60	22.74	21.79
		2307.5 (27685)	23.60	22.80	21.87
	1RB-Low (0)	2312.5 (27735)	23.65	22.76	21.88
		2310 (27710)	23.58	22.73	21.92
		2307.5 (27685)	23.61	22.74	21.92
	12RB-High (13)	2312.5 (27735)	22.52	21.72	20.75
		2310 (27710)	22.47	21.64	20.71
		2307.5 (27685)	22.52	21.70	20.62
	12RB-Middle (6)	2312.5 (27735)	22.52	21.70	20.69
		2310 (27710)	22.49	21.67	20.70
		2307.5 (27685)	22.55	21.68	20.67
	12RB-Low (0)	2312.5 (27735)	22.57	21.68	20.68
		2310 (27710)	22.61	21.71	20.78
		2307.5 (27685)	22.60	21.70	20.74
	25RB (0)	2312.5 (27735)	22.57	21.75	20.75
		2310 (27710)	22.55	21.70	20.67
		2307.5 (27685)	22.51	21.76	20.65
10MHz	1RB-High (49)	2310 (27710)	23.60	22.87	21.89
	1RB-Middle (24)	2310 (27710)	23.64	22.80	21.89
	1RB-Low (0)	2310 (27710)	23.60	22.81	21.88
	25RB-High (25)	2310 (27710)	22.58	21.72	20.69
	25RB-Middle (12)	2310 (27710)	22.56	21.70	20.72
	25RB-Low (0)	2310 (27710)	22.59	21.77	20.77
	50RB (0)	2310 (27710)	22.61	21.69	20.74

LTE B30(ANT4 DSI 1/4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2312.5 (27735)	16.42	16.56	16.55
		2310 (27710)	16.36	16.60	16.52
		2307.5 (27685)	16.37	16.43	16.37
	1RB-Middle (12)	2312.5 (27735)	16.37	16.59	16.60
		2310 (27710)	16.36	16.63	16.53
		2307.5 (27685)	16.35	16.49	16.49
	1RB-Low (0)	2312.5 (27735)	16.28	16.60	16.41
		2310 (27710)	16.38	16.64	16.49
		2307.5 (27685)	16.34	16.43	16.42
	12RB-High (13)	2312.5 (27735)	16.30	16.30	16.35
		2310 (27710)	16.23	16.31	16.29
		2307.5 (27685)	16.27	16.31	16.33
	12RB-Middle (6)	2312.5 (27735)	16.31	16.33	16.32
		2310 (27710)	16.31	16.25	16.31
		2307.5 (27685)	16.29	16.26	16.29
	12RB-Low (0)	2312.5 (27735)	16.31	16.32	16.38
		2310 (27710)	16.32	16.34	16.34
		2307.5 (27685)	16.32	16.29	16.33
	25RB (0)	2312.5 (27735)	16.33	16.30	16.27
		2310 (27710)	16.36	16.33	16.37
		2307.5 (27685)	16.32	16.35	16.28
10MHz	1RB-High (49)	2310 (27710)	16.28	16.55	16.41
	1RB-Middle (24)	2310 (27710)	16.47	16.60	16.49
	1RB-Low (0)	2310 (27710)	16.40	16.66	16.41
	25RB-High (25)	2310 (27710)	16.27	16.36	16.29
	25RB-Middle (12)	2310 (27710)	16.34	16.34	16.35
	25RB-Low (0)	2310 (27710)	16.39	16.39	16.37
	50RB (0)	2310 (27710)	16.33	16.32	16.38

LTE B30(ANT4 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2312.5 (27735)	18.73	18.91	18.86
		2310 (27710)	18.73	18.98	18.91
		2307.5 (27685)	18.70	18.87	18.85
	1RB-Middle (12)	2312.5 (27735)	18.76	18.92	18.82
		2310 (27710)	18.76	18.92	18.96
		2307.5 (27685)	18.70	18.94	18.87
	1RB-Low (0)	2312.5 (27735)	18.73	19.01	18.96
		2310 (27710)	18.74	18.89	18.88
		2307.5 (27685)	18.68	18.99	18.90
	12RB-High (13)	2312.5 (27735)	18.75	18.74	18.78
		2310 (27710)	18.69	18.67	18.70
		2307.5 (27685)	18.71	18.68	18.71
	12RB-Middle (6)	2312.5 (27735)	18.75	18.76	18.77
		2310 (27710)	18.65	18.66	18.70
		2307.5 (27685)	18.70	18.72	18.72
	12RB-Low (0)	2312.5 (27735)	18.71	18.74	18.77
		2310 (27710)	18.75	18.75	18.79
		2307.5 (27685)	18.71	18.75	18.79
	25RB (0)	2312.5 (27735)	18.72	18.72	18.75
		2310 (27710)	18.75	18.70	18.71
		2307.5 (27685)	18.70	18.73	18.71
10MHz	1RB-High (49)	2310 (27710)	18.69	18.82	18.91
	1RB-Middle (24)	2310 (27710)	18.73	18.89	18.85
	1RB-Low (0)	2310 (27710)	18.69	18.93	18.80
	25RB-High (25)	2310 (27710)	18.65	18.75	18.77
	25RB-Middle (12)	2310 (27710)	18.65	18.72	18.69
	25RB-Low (0)	2310 (27710)	18.71	18.74	18.75
	50RB (0)	2310 (27710)	18.71	18.73	18.73

LTE B30(ANT4 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2312.5 (27735)	13.38	13.64	13.39
		2310 (27710)	13.42	13.67	13.53
		2307.5 (27685)	13.37	13.61	13.44
	1RB-Middle (12)	2312.5 (27735)	13.44	13.74	13.48
		2310 (27710)	13.41	13.65	13.58
		2307.5 (27685)	13.40	13.69	13.54
	1RB-Low (0)	2312.5 (27735)	13.36	13.46	13.48
		2310 (27710)	13.38	13.55	13.57
		2307.5 (27685)	13.36	13.61	13.56
	12RB-High (13)	2312.5 (27735)	13.35	13.42	13.40
		2310 (27710)	13.30	13.30	13.38
		2307.5 (27685)	13.32	13.32	13.30
	12RB-Middle (6)	2312.5 (27735)	13.36	13.41	13.40
		2310 (27710)	13.35	13.38	13.40
		2307.5 (27685)	13.30	13.28	13.37
	12RB-Low (0)	2312.5 (27735)	13.39	13.37	13.42
		2310 (27710)	13.43	13.34	13.38
		2307.5 (27685)	13.34	13.30	13.36
	25RB (0)	2312.5 (27735)	13.39	13.39	13.35
		2310 (27710)	13.34	13.36	13.40
		2307.5 (27685)	13.36	13.35	13.34
10MHz	1RB-High (49)	2310 (27710)	13.32	13.56	13.35
	1RB-Middle (24)	2310 (27710)	13.39	13.65	13.54
	1RB-Low (0)	2310 (27710)	13.38	13.65	13.46
	25RB-High (25)	2310 (27710)	13.39	13.37	13.36
	25RB-Middle (12)	2310 (27710)	13.43	13.45	13.42
	25RB-Low (0)	2310 (27710)	13.44	13.43	13.45
	50RB (0)	2310 (27710)	13.44	13.39	13.46

LTE B30(ANT0 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2312.5 (27735)	25.36	24.13	23.45
		2310 (27710)	25.44	24.35	23.49
		2307.5 (27685)	25.41	24.30	23.41
	1RB-Middle (12)	2312.5 (27735)	25.39	24.36	23.49
		2310 (27710)	25.45	24.39	23.40
		2307.5 (27685)	25.39	24.28	23.49
	1RB-Low (0)	2312.5 (27735)	25.41	24.33	23.47
		2310 (27710)	25.41	24.39	23.43
		2307.5 (27685)	25.39	24.32	23.35
	12RB-High (13)	2312.5 (27735)	24.25	23.19	22.21
		2310 (27710)	24.27	23.14	22.17
		2307.5 (27685)	24.23	23.11	22.14
	12RB-Middle (6)	2312.5 (27735)	24.27	23.21	22.24
		2310 (27710)	24.29	23.12	22.24
		2307.5 (27685)	24.34	23.02	22.27
	12RB-Low (0)	2312.5 (27735)	24.32	23.16	22.28
		2310 (27710)	24.30	23.19	22.22
		2307.5 (27685)	24.33	23.18	22.27
	25RB (0)	2312.5 (27735)	24.35	23.22	22.23
		2310 (27710)	24.29	23.17	22.22
		2307.5 (27685)	24.28	23.21	22.21
10MHz	1RB-High (49)	2310 (27710)	25.08	24.11	23.22
	1RB-Middle (24)	2310 (27710)	25.23	24.25	23.31
	1RB-Low (0)	2310 (27710)	25.04	24.10	23.14
	25RB-High (25)	2310 (27710)	24.07	23.23	22.20
	25RB-Middle (12)	2310 (27710)	24.09	23.26	22.29
	25RB-Low (0)	2310 (27710)	24.12	23.24	22.24
	50RB (0)	2310 (27710)	24.13	23.27	22.22

LTE B30(ANT0 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2312.5 (27735)	21.79	21.80	21.76
		2310 (27710)	21.80	21.81	21.77
		2307.5 (27685)	21.82	21.83	21.79
	1RB-Middle (12)	2312.5 (27735)	21.78	21.79	21.75
		2310 (27710)	21.76	21.77	21.73
		2307.5 (27685)	21.77	21.78	21.74
	1RB-Low (0)	2312.5 (27735)	21.81	21.82	21.78
		2310 (27710)	21.81	21.82	21.78
		2307.5 (27685)	21.82	21.83	21.79
	12RB-High (13)	2312.5 (27735)	21.84	21.85	21.81
		2310 (27710)	21.80	21.81	21.77
		2307.5 (27685)	21.78	21.79	21.75
	12RB-Middle (6)	2312.5 (27735)	21.79	21.80	21.76
		2310 (27710)	21.83	21.84	21.80
		2307.5 (27685)	21.76	21.77	21.73
	12RB-Low (0)	2312.5 (27735)	21.77	21.78	21.74
		2310 (27710)	21.79	21.80	21.76
		2307.5 (27685)	21.75	21.76	21.72
	25RB (0)	2312.5 (27735)	21.73	21.74	21.70
		2310 (27710)	21.74	21.75	21.71
		2307.5 (27685)	21.78	21.79	21.75
10MHz	1RB-High (49)	2310 (27710)	21.83	21.84	21.80
	1RB-Middle (24)	2310 (27710)	21.84	21.85	21.81
	1RB-Low (0)	2310 (27710)	21.86	21.87	21.83
	25RB-High (25)	2310 (27710)	21.82	21.83	21.79
	25RB-Middle (12)	2310 (27710)	21.80	21.81	21.77
	25RB-Low (0)	2310 (27710)	21.81	21.82	21.78
	50RB (0)	2310 (27710)	21.85	21.86	21.82

LTE B30(ANT0 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2312.5 (27735)	18.90	19.27	18.92
		2310 (27710)	18.96	19.31	19.12
		2307.5 (27685)	18.89	19.23	18.99
	1RB-Middle (12)	2312.5 (27735)	18.99	19.21	19.05
		2310 (27710)	18.95	19.29	19.19
		2307.5 (27685)	18.93	19.24	19.13
	1RB-Low (0)	2312.5 (27735)	18.88	19.02	19.05
		2310 (27710)	18.90	19.14	19.17
		2307.5 (27685)	18.88	19.23	19.16
	12RB-High (13)	2312.5 (27735)	18.86	18.96	18.93
		2310 (27710)	18.79	18.79	18.90
		2307.5 (27685)	18.82	18.82	18.79
	12RB-Middle (6)	2312.5 (27735)	18.88	18.95	18.93
		2310 (27710)	18.86	18.90	18.93
		2307.5 (27685)	18.79	18.76	18.89
	12RB-Low (0)	2312.5 (27735)	18.92	18.89	18.96
		2310 (27710)	18.98	18.85	18.90
		2307.5 (27685)	18.85	18.79	18.88
	25RB (0)	2312.5 (27735)	18.92	18.92	18.86
		2310 (27710)	18.85	18.88	18.93
		2307.5 (27685)	18.88	18.86	18.85
10MHz	1RB-High (49)	2310 (27710)	18.82	19.16	18.86
	1RB-Middle (24)	2310 (27710)	18.77	19.29	19.13
	1RB-Low (0)	2310 (27710)	18.71	19.29	19.02
	25RB-High (25)	2310 (27710)	18.67	18.89	18.88
	25RB-Middle (12)	2310 (27710)	18.65	19.00	18.96
	25RB-Low (0)	2310 (27710)	18.64	18.98	19.00
	50RB (0)	2310 (27710)	18.67	18.92	19.02

LTE B38(ANT4 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2617.5 (38225)	23.63	22.81	21.56
		2595 (38000)	23.64	22.84	21.58
		2572.5 (37775)	23.70	22.89	21.62
	1RB-Middle (12)	2617.5 (38225)	23.66	22.82	21.56
		2595 (38000)	23.68	22.85	21.58
		2572.5 (37775)	23.76	22.90	21.65
	1RB-Low (0)	2617.5 (38225)	23.66	22.81	21.59
		2595 (38000)	23.68	22.85	21.62
		2572.5 (37775)	23.70	22.89	21.65
	12RB-High (13)	2617.5 (38225)	22.56	21.55	20.58
		2595 (38000)	22.58	21.58	20.61
		2572.5 (37775)	22.59	21.59	20.61
	12RB-Middle (6)	2617.5 (38225)	22.56	21.59	20.62
		2595 (38000)	22.60	21.59	20.64
		2572.5 (37775)	22.63	21.65	20.67
	12RB-Low (0)	2617.5 (38225)	22.57	21.60	20.66
		2595 (38000)	22.65	21.64	20.66
		2572.5 (37775)	22.69	21.67	20.69
	25RB (0)	2617.5 (38225)	22.60	21.62	20.65
		2595 (38000)	22.63	21.65	20.67
		2572.5 (37775)	22.66	21.64	20.67
10MHz	1RB-High (49)	2615 (38200)	23.59	22.77	21.52
		2595 (38000)	23.62	22.83	21.55
		2575 (37800)	23.69	22.87	21.61
	1RB-Middle (24)	2615 (38200)	23.64	22.83	21.58
		2595 (38000)	23.67	22.87	21.62
		2575 (37800)	23.73	22.95	21.67
	1RB-Low (0)	2615 (38200)	23.60	22.78	21.52
		2595 (38000)	23.70	22.90	21.62
		2575 (37800)	23.73	22.94	21.66
	25RB-High (25)	2615 (38200)	22.58	21.60	20.65
		2595 (38000)	22.55	21.57	20.64
		2575 (37800)	22.60	21.59	20.65
	25RB-Middle (12)	2615 (38200)	22.55	21.57	20.61
		2595 (38000)	22.57	21.60	20.67
		2575 (37800)	22.58	21.59	20.67
	25RB-Low (0)	2615 (38200)	22.59	21.59	20.62
		2595 (38000)	22.65	21.66	20.72
		2575 (37800)	22.68	21.68	20.71
	50RB (0)	2615 (38200)	22.58	21.59	20.55
		2595 (38000)	22.63	21.64	20.57
		2575 (37800)	22.65	21.66	20.60

15MHz	1RB-High (74)	2612.5 (38175)	23.56	22.71	21.48
		2595 (38000)	23.49	22.70	21.42
		2577.5 (37825)	23.62	22.81	21.55
	1RB-Middle (37)	2612.5 (38175)	23.66	22.80	21.55
		2595 (38000)	23.69	22.86	21.59
		2577.5 (37825)	23.66	22.86	21.59
	1RB-Low (0)	2612.5 (38175)	23.59	22.76	21.49
		2595 (38000)	23.63	22.82	21.56
		2577.5 (37825)	23.70	22.91	21.65
	36RB-High (38)	2612.5 (38175)	22.51	21.48	20.48
		2595 (38000)	22.53	21.47	20.45
		2577.5 (37825)	22.55	21.53	20.52
	36RB-Middle (19)	2612.5 (38175)	22.55	21.51	20.49
		2595 (38000)	22.57	21.60	20.57
		2577.5 (37825)	22.57	21.59	20.55
	36RB-Low (0)	2612.5 (38175)	22.51	21.51	20.53
		2595 (38000)	22.58	21.58	20.56
		2577.5 (37825)	22.59	21.60	20.56
	75RB (0)	2612.5 (38175)	22.56	21.56	20.52
		2595 (38000)	22.61	21.62	20.56
		2577.5 (37825)	22.61	21.60	20.59
20MHz	1RB-High (99)	2610 (38150)	23.39	22.41	20.88
		2595 (38000)	23.38	22.38	20.93
		2580 (37850)	23.36	22.42	20.90
	1RB-Middle (50)	2610 (38150)	23.45	22.49	20.97
		2595 (38000)	23.57	22.56	21.06
		2580 (37850)	23.58	22.60	21.11
	1RB-Low (0)	2610 (38150)	23.45	22.46	20.98
		2595 (38000)	23.46	22.49	21.01
		2580 (37850)	23.55	22.60	21.10
	50RB-High (50)	2610 (38150)	22.38	21.39	20.34
		2595 (38000)	22.33	21.34	20.31
		2580 (37850)	22.41	21.43	20.38
	50RB-Middle (25)	2610 (38150)	22.41	21.41	20.37
		2595 (38000)	22.48	21.47	20.42
		2580 (37850)	22.49	21.49	20.45
	50RB-Low (0)	2610 (38150)	22.46	21.43	20.40
		2595 (38000)	22.50	21.51	20.46
		2580 (37850)	22.50	21.52	20.44
	100RB (0)	2610 (38150)	22.42	21.41	20.37
		2595 (38000)	22.41	21.43	20.41
		2580 (37850)	22.48	21.48	20.43

LTE B38(ANT4 DSI 1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2617.5 (38225)	21.19	21.28	20.87
		2595 (38000)	21.30	21.40	20.97
		2572.5 (37775)	21.34	21.42	20.98
	1RB-Middle (12)	2617.5 (38225)	21.30	21.35	20.97
		2595 (38000)	21.36	21.41	21.00
		2572.5 (37775)	21.42	21.50	21.05
	1RB-Low (0)	2617.5 (38225)	21.30	21.36	20.94
		2595 (38000)	21.36	21.42	21.04
		2572.5 (37775)	21.34	21.40	21.01
	12RB-High (13)	2617.5 (38225)	21.16	21.11	20.67
		2595 (38000)	21.26	21.22	20.82
		2572.5 (37775)	21.29	21.22	20.79
	12RB-Middle (6)	2617.5 (38225)	21.17	21.16	20.73
		2595 (38000)	21.29	21.23	20.83
		2572.5 (37775)	21.29	21.26	20.82
	12RB-Low (0)	2617.5 (38225)	21.28	21.23	20.81
		2595 (38000)	21.35	21.28	20.88
		2572.5 (37775)	21.33	21.29	20.86
	25RB (0)	2617.5 (38225)	21.23	21.22	20.76
		2595 (38000)	21.32	21.33	20.87
		2572.5 (37775)	21.33	21.34	20.88
10MHz	1RB-High (49)	2615 (38200)	21.15	21.23	20.80
		2595 (38000)	21.25	21.34	20.92
		2575 (37800)	21.30	21.37	20.96
	1RB-Middle (24)	2615 (38200)	21.28	21.32	20.95
		2595 (38000)	21.34	21.43	20.99
		2575 (37800)	21.35	21.44	21.00
	1RB-Low (0)	2615 (38200)	21.28	21.34	20.95
		2595 (38000)	21.38	21.44	21.03
		2575 (37800)	21.36	21.44	21.01
	25RB-High (25)	2615 (38200)	21.21	21.23	20.75
		2595 (38000)	21.24	21.26	20.83
		2575 (37800)	21.33	21.34	20.86
	25RB-Middle (12)	2615 (38200)	21.21	21.23	20.76
		2595 (38000)	21.30	21.28	20.84
		2575 (37800)	21.31	21.34	20.87
	25RB-Low (0)	2615 (38200)	21.23	21.24	20.77
		2595 (38000)	21.33	21.36	20.86
		2575 (37800)	21.36	21.38	20.89
	50RB (0)	2615 (38200)	21.23	21.29	20.74
		2595 (38000)	21.29	21.34	20.77
		2575 (37800)	21.35	21.37	20.85

15MHz	1RB-High (74)	2612.5 (38175)	21.08	21.14	20.73
		2595 (38000)	21.15	21.28	20.84
		2577.5 (37825)	21.24	21.35	20.92
	1RB-Middle (37)	2612.5 (38175)	21.22	21.31	20.91
		2595 (38000)	21.28	21.36	20.95
		2577.5 (37825)	21.34	21.46	21.05
	1RB-Low (0)	2612.5 (38175)	21.26	21.33	20.90
		2595 (38000)	21.31	21.42	20.96
		2577.5 (37825)	21.31	21.37	20.95
	36RB-High (38)	2612.5 (38175)	21.13	21.15	20.65
		2595 (38000)	21.23	21.21	20.72
		2577.5 (37825)	21.25	21.24	20.75
	36RB-Middle (19)	2612.5 (38175)	21.14	21.14	20.68
		2595 (38000)	21.24	21.24	20.77
		2577.5 (37825)	21.29	21.24	20.77
	36RB-Low (0)	2612.5 (38175)	21.18	21.18	20.72
		2595 (38000)	21.28	21.30	20.83
		2577.5 (37825)	21.28	21.30	20.82
	75RB (0)	2612.5 (38175)	21.21	21.21	20.70
		2595 (38000)	21.26	21.28	20.77
		2577.5 (37825)	21.30	21.32	20.82
20MHz	1RB-High (99)	2610 (38150)	21.03	21.11	20.69
		2595 (38000)	21.12	21.19	20.77
		2580 (37850)	21.21	21.30	20.84
	1RB-Middle (50)	2610 (38150)	21.24	21.30	20.87
		2595 (38000)	21.30	21.34	20.93
		2580 (37850)	21.32	21.37	20.96
	1RB-Low (0)	2610 (38150)	21.23	21.32	20.90
		2595 (38000)	21.26	21.32	20.90
		2580 (37850)	21.30	21.34	20.94
	50RB-High (50)	2610 (38150)	21.17	21.17	20.64
		2595 (38000)	21.18	21.24	20.70
		2580 (37850)	21.24	21.30	20.76
	50RB-Middle (25)	2610 (38150)	21.22	21.25	20.73
		2595 (38000)	21.29	21.32	20.78
		2580 (37850)	21.29	21.35	20.83
	50RB-Low (0)	2610 (38150)	21.27	21.29	20.75
		2595 (38000)	21.34	21.34	20.82
		2580 (37850)	21.36	21.38	20.86
	100RB (0)	2610 (38150)	21.19	21.24	20.71
		2595 (38000)	21.24	21.31	20.77
		2580 (37850)	21.31	21.32	20.77

LTE B41 PC2(ANT4 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2687.5 (41565)	26.72	25.72	24.51
		2640.3(41093)	26.74	25.69	24.48
		2593 (40620)	26.69	25.70	24.51
		2545.8(40148)	26.65	25.69	24.49
		2498.5 (39675)	26.52	25.56	24.35
	1RB-Middle (12)	2687.5 (41565)	26.76	25.76	24.55
		2640.3(41093)	26.71	25.66	24.48
		2593 (40620)	26.77	25.73	24.52
		2545.8(40148)	26.66	25.70	24.50
		2498.5 (39675)	26.58	25.60	24.39
	1RB-Low (0)	2687.5 (41565)	26.76	25.75	24.56
		2640.3(41093)	26.71	25.69	24.48
		2593 (40620)	26.74	25.75	24.55
		2545.8(40148)	26.62	25.68	24.47
		2498.5 (39675)	26.57	25.58	24.41
	12RB-High (13)	2687.5 (41565)	25.60	24.57	23.62
		2640.3(41093)	25.63	24.60	23.61
		2593 (40620)	25.55	24.54	23.70
		2545.8(40148)	25.53	24.52	23.54
		2498.5 (39675)	25.43	24.43	23.47
	12RB-Middle (6)	2687.5 (41565)	25.63	24.64	23.66
		2640.3(41093)	25.59	24.58	23.61
		2593 (40620)	25.61	24.58	23.62
		2545.8(40148)	25.53	24.54	23.54
		2498.5 (39675)	25.44	24.43	23.47
	12RB-Low (0)	2687.5 (41565)	25.67	24.68	23.70
		2640.3(41093)	25.61	24.61	23.64
		2593 (40620)	25.65	24.61	23.66
		2545.8(40148)	25.56	24.55	23.56
		2498.5 (39675)	25.48	24.47	23.47
	25RB (0)	2687.5 (41565)	25.66	24.68	23.68
		2640.3(41093)	25.63	24.69	23.68
		2593 (40620)	25.61	24.61	23.76
		2545.8(40148)	25.56	24.58	23.60
		2498.5 (39675)	25.49	24.51	23.50

10MHz	1RB-High (49)	2685 (41540)	25.99	25.71	24.48
		2639(41080)	26.64	25.68	24.46
		2593 (40620)	26.62	25.69	24.44
		2547(40160)	26.62	25.70	24.50
		2501 (39700)	26.46	25.53	24.30
	1RB-Middle (24)	2685 (41540)	26.10	25.79	24.58
		2639(41080)	26.66	25.71	24.49
		2593 (40620)	26.69	25.75	24.56
		2547(40160)	26.63	25.70	24.52
		2501 (39700)	26.51	25.56	24.36
	1RB-Low (0)	2685 (41540)	25.82	25.77	24.53
		2639(41080)	26.62	25.70	24.47
		2593 (40620)	26.71	25.77	24.54
		2547(40160)	26.59	25.66	24.47
		2501 (39700)	26.51	25.57	24.37
	25RB-High (25)	2685 (41540)	25.59	24.65	23.68
		2639(41080)	25.61	24.66	23.67
		2593 (40620)	25.57	24.57	23.75
		2547(40160)	25.57	24.58	23.61
		2501 (39700)	25.45	24.42	23.48
	25RB-Middle (12)	2685 (41540)	25.65	24.69	23.68
		2639(41080)	25.58	24.62	23.65
		2593 (40620)	25.60	24.63	23.66
		2547(40160)	25.56	24.56	23.59
		2501 (39700)	25.44	24.46	23.51
	25RB-Low (0)	2685 (41540)	25.69	24.74	23.74
		2639(41080)	25.62	24.65	23.67
		2593 (40620)	25.63	24.67	23.68
		2547(40160)	25.58	24.57	23.62
		2501 (39700)	25.44	24.46	23.47
	50RB (0)	2685 (41540)	25.69	24.71	23.65
		2639(41080)	25.66	24.69	23.62
		2593 (40620)	25.65	24.66	23.59
		2547(40160)	25.57	24.58	23.64
		2501 (39700)	25.48	24.48	23.42

15MHz	1RB-High (74)	2682.5 (41515)	26.56	25.65	24.42
		2637.8(41068)	26.57	25.64	24.40
		2593 (40620)	26.54	25.62	24.39
		2548.3(40173)	26.57	25.69	24.44
		2503.5 (39725)	26.36	25.45	24.22
	1RB-Middle (37)	2682.5 (41515)	26.65	25.72	24.51
		2637.8(41068)	26.60	25.66	24.47
		2593 (40620)	26.66	25.73	24.51
		2548.3(40173)	26.60	25.70	24.46
		2503.5 (39725)	26.43	25.53	24.30
	1RB-Low (0)	2682.5 (41515)	26.64	25.74	24.51
		2637.8(41068)	26.57	25.66	24.42
		2593 (40620)	26.67	25.74	24.52
		2548.3(40173)	26.50	25.62	24.41
		2503.5 (39725)	26.42	25.51	24.29
	36RB-High (38)	2682.5 (41515)	25.58	24.58	23.58
		2637.8(41068)	25.59	24.53	23.55
		2593 (40620)	25.51	24.47	23.63
		2548.3(40173)	25.48	24.49	23.62
		2503.5 (39725)	25.35	24.35	23.32
	36RB-Middle (19)	2682.5 (41515)	25.64	24.62	23.62
		2637.8(41068)	25.58	24.54	23.53
		2593 (40620)	25.59	24.56	23.56
		2548.3(40173)	25.51	24.49	23.50
		2503.5 (39725)	25.35	24.35	23.32
	36RB-Low (0)	2682.5 (41515)	25.65	24.66	23.61
		2637.8(41068)	25.60	24.61	23.58
		2593 (40620)	25.63	24.61	23.57
		2548.3(40173)	25.51	24.46	23.49
		2503.5 (39725)	25.37	24.37	23.32
	75RB (0)	2682.5 (41515)	25.68	24.67	23.65
		2637.8(41068)	25.63	24.60	23.59
		2593 (40620)	25.59	24.55	23.70
		2548.3(40173)	25.52	24.51	23.62
		2503.5 (39725)	25.41	24.38	23.38

20MHz	1RB-High (99)	2680 (41490)	26.35	25.47	24.26
		2636.5(41055)	26.36	25.46	24.24
		2593 (40620)	26.32	25.43	24.21
		2549.5(40185)	26.39	25.49	24.29
		2506 (39750)	26.22	25.31	24.08
	1RB-Middle (50)	2680 (41490)	26.52	25.59	24.38
		2636.5(41055)	26.43	25.52	24.33
		2593 (40620)	26.48	25.56	24.36
		2549.5(40185)	26.49	25.57	24.34
		2506 (39750)	26.32	25.39	24.17
	1RB-Low (0)	2680 (41490)	26.48	25.58	24.36
		2636.5(41055)	26.40	25.48	24.26
		2593 (40620)	26.48	25.59	24.40
		2549.5(40185)	26.36	25.44	24.24
		2506 (39750)	26.28	25.36	24.14
	50RB-High (50)	2680 (41490)	25.43	24.51	23.45
		2636.5(41055)	25.45	24.48	23.44
		2593 (40620)	25.41	24.44	23.42
		2549.5(40185)	25.42	24.46	23.43
		2506 (39750)	25.26	24.28	23.25
	50RB-Middle (25)	2680 (41490)	25.53	24.61	23.55
		2636.5(41055)	25.45	24.51	23.48
		2593 (40620)	25.47	24.53	23.46
		2549.5(40185)	25.44	24.47	23.44
		2506 (39750)	25.27	24.30	23.28
	50RB-Low (0)	2680 (41490)	25.58	24.63	23.59
		2636.5(41055)	25.50	24.54	23.51
		2593 (40620)	25.51	24.57	23.52
		2549.5(40185)	25.43	24.46	23.41
		2506 (39750)	25.28	24.32	23.26
	100RB (0)	2680 (41490)	25.52	24.57	23.54
		2636.5(41055)	25.50	24.50	23.48
		2593 (40620)	25.45	24.48	23.46
		2549.5(40185)	25.40	24.42	23.54
		2506 (39750)	25.27	24.29	23.26

LTE B41 PC2(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2687.5 (41565)	20.93	21.08	20.80
		2640.3(41093)	20.93	21.10	20.78
		2593 (40620)	20.91	21.08	20.74
		2545.8(40148)	20.91	21.09	20.77
		2498.5 (39675)	20.77	20.95	20.60
	1RB-Middle (12)	2687.5 (41565)	21.00	21.09	20.82
		2640.3(41093)	20.97	21.07	20.79
		2593 (40620)	21.00	21.14	20.80
		2545.8(40148)	20.95	21.10	20.76
		2498.5 (39675)	20.89	20.97	20.64
	1RB-Low (0)	2687.5 (41565)	20.98	21.08	20.82
		2640.3(41093)	20.95	21.05	20.78
		2593 (40620)	20.96	21.10	20.80
		2545.8(40148)	20.83	21.08	20.70
		2498.5 (39675)	20.82	20.96	20.62
	12RB-High (13)	2687.5 (41565)	20.89	20.95	21.13
		2640.3(41093)	20.91	20.97	21.15
		2593 (40620)	20.83	20.89	21.09
		2545.8(40148)	20.84	20.91	21.10
		2498.5 (39675)	20.76	20.87	21.01
	12RB-Middle (6)	2687.5 (41565)	20.94	20.98	21.18
		2640.3(41093)	20.89	20.95	21.12
		2593 (40620)	20.86	20.94	21.10
		2545.8(40148)	20.83	20.92	21.11
		2498.5 (39675)	20.78	20.87	20.97
	12RB-Low (0)	2687.5 (41565)	20.96	21.04	21.21
		2640.3(41093)	20.93	20.96	21.19
		2593 (40620)	20.92	20.97	21.18
		2545.8(40148)	20.84	20.90	21.10
		2498.5 (39675)	20.78	20.95	20.97
	25RB (0)	2687.5 (41565)	20.95	21.10	21.21
		2640.3(41093)	20.91	21.06	21.20
		2593 (40620)	20.90	21.05	21.14
		2545.8(40148)	20.85	20.96	21.11
		2498.5 (39675)	20.82	20.91	21.05

10MHz	1RB-High (49)	2685 (41540)	20.91	21.05	20.74
		2639(41080)	20.89	21.07	20.74
		2593 (40620)	20.84	21.03	20.69
		2547(40160)	20.90	21.07	20.74
		2501 (39700)	20.68	20.91	20.56
	1RB-Middle (24)	2685 (41540)	20.94	21.14	20.81
		2639(41080)	20.93	21.08	20.76
		2593 (40620)	20.96	21.12	20.79
		2547(40160)	20.94	21.12	20.80
		2501 (39700)	20.76	20.96	20.63
	1RB-Low (0)	2685 (41540)	20.95	21.10	20.80
		2639(41080)	20.89	21.05	20.74
		2593 (40620)	20.95	21.12	20.81
		2547(40160)	20.83	20.98	20.65
		2501 (39700)	20.75	20.94	20.63
	25RB-High (25)	2685 (41540)	20.92	21.07	21.21
		2639(41080)	20.90	21.06	21.21
		2593 (40620)	20.86	20.98	21.11
		2547(40160)	20.89	21.04	21.16
		2501 (39700)	20.75	20.91	21.03
	25RB-Middle (12)	2685 (41540)	20.94	21.08	21.21
		2639(41080)	20.90	21.05	21.18
		2593 (40620)	20.90	21.05	21.15
		2547(40160)	20.86	21.02	21.18
		2501 (39700)	20.76	20.93	21.06
	25RB-Low (0)	2685 (41540)	20.98	21.12	21.26
		2639(41080)	20.90	21.08	21.20
		2593 (40620)	20.90	21.04	21.20
		2547(40160)	20.85	20.97	21.08
		2501 (39700)	20.76	20.90	21.05
	50RB (0)	2685 (41540)	20.96	21.16	21.19
		2639(41080)	20.91	21.09	21.15
		2593 (40620)	20.92	21.04	21.15
		2547(40160)	20.88	21.03	21.08
		2501 (39700)	20.80	20.95	21.01

15MHz	1RB-High (74)	2682.5 (41515)	20.81	20.99	20.68
		2637.8(41068)	20.81	21.00	20.69
		2593 (40620)	20.75	20.96	20.64
		2548.3(40173)	20.85	21.05	20.70
		2503.5 (39725)	20.62	20.86	20.51
	1RB-Middle (37)	2682.5 (41515)	20.91	21.05	20.77
		2637.8(41068)	20.90	21.07	20.76
		2593 (40620)	20.90	21.10	20.78
		2548.3(40173)	20.92	21.12	20.79
		2503.5 (39725)	20.73	20.92	20.59
	1RB-Low (0)	2682.5 (41515)	20.89	21.08	20.77
		2637.8(41068)	20.84	21.00	20.70
		2593 (40620)	20.91	21.09	20.78
		2548.3(40173)	20.75	20.95	20.62
		2503.5 (39725)	20.66	20.91	20.56
	36RB-High (38)	2682.5 (41515)	20.84	20.96	21.06
		2637.8(41068)	20.88	20.97	21.07
		2593 (40620)	20.77	20.92	21.05
		2548.3(40173)	20.82	20.92	21.04
		2503.5 (39725)	20.70	20.79	20.94
	36RB-Middle (19)	2682.5 (41515)	20.88	20.99	21.11
		2637.8(41068)	20.85	20.95	21.09
		2593 (40620)	20.84	20.94	21.08
		2548.3(40173)	20.82	20.93	21.03
		2503.5 (39725)	20.68	20.81	20.92
	36RB-Low (0)	2682.5 (41515)	20.92	21.02	21.13
		2637.8(41068)	20.86	20.95	21.13
		2593 (40620)	20.84	21.00	21.13
		2548.3(40173)	20.76	20.89	20.99
		2503.5 (39725)	20.71	20.82	20.95
	75RB (0)	2682.5 (41515)	20.94	21.08	21.18
		2637.8(41068)	20.89	21.03	21.12
		2593 (40620)	20.88	21.03	21.11
		2548.3(40173)	20.82	20.96	21.06
		2503.5 (39725)	20.74	20.89	20.96

20MHz	1RB-High (99)	2680 (41490)	20.78	20.93	20.63
		2636.5(41055)	20.79	20.94	20.65
		2593 (40620)	20.73	20.91	20.57
		2549.5(40185)	20.72	20.92	20.62
		2506 (39750)	20.58	20.74	20.46
	1RB-Middle (50)	2680 (41490)	20.91	21.05	20.77
		2636.5(41055)	20.87	21.02	20.72
		2593 (40620)	20.87	21.05	20.76
		2549.5(40185)	20.88	21.07	20.77
		2506 (39750)	20.69	20.89	20.56
	1RB-Low (0)	2680 (41490)	20.90	21.03	20.77
		2636.5(41055)	20.78	20.96	20.68
		2593 (40620)	20.78	20.99	20.67
		2549.5(40185)	20.67	20.88	20.57
		2506 (39750)	20.65	20.81	20.51
	50RB-High (50)	2680 (41490)	20.83	20.81	20.77
		2636.5(41055)	20.78	20.83	20.74
		2593 (40620)	20.82	20.79	20.72
		2549.5(40185)	20.78	20.77	20.72
		2506 (39750)	20.64	20.67	20.61
	50RB-Middle (25)	2680 (41490)	20.90	20.91	20.86
		2636.5(41055)	20.85	20.83	20.83
		2593 (40620)	20.83	20.86	20.79
		2549.5(40185)	20.81	20.84	20.81
		2506 (39750)	20.69	20.68	20.64
	50RB-Low (0)	2680 (41490)	20.88	20.95	20.92
		2636.5(41055)	20.85	20.90	20.81
		2593 (40620)	20.83	20.84	20.79
		2549.5(40185)	20.75	20.79	20.73
		2506 (39750)	20.68	20.68	20.63
	100RB (0)	2680 (41490)	20.91	20.87	20.86
		2636.5(41055)	20.82	20.82	20.77
		2593 (40620)	20.80	20.82	20.74
		2549.5(40185)	20.75	20.80	20.75
		2506 (39750)	20.66	20.68	20.62

LTE B41 PC2(ANT4 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2687.5 (41565)	22.83	22.93	22.69
		2640.3(41093)	22.88	23.00	22.76
		2593 (40620)	22.83	22.98	22.73
		2545.8(40148)	22.88	23.01	22.77
		2498.5 (39675)	22.68	22.82	22.58
	1RB-Middle (12)	2687.5 (41565)	22.82	22.92	22.69
		2640.3(41093)	22.88	22.95	22.75
		2593 (40620)	22.87	22.97	22.73
		2545.8(40148)	22.90	23.03	22.77
		2498.5 (39675)	22.74	22.86	22.62
	1RB-Low (0)	2687.5 (41565)	22.84	22.94	22.72
		2640.3(41093)	22.87	22.99	22.78
		2593 (40620)	22.88	23.00	22.77
		2545.8(40148)	22.81	22.93	22.73
		2498.5 (39675)	22.71	22.82	22.62
	12RB-High (13)	2687.5 (41565)	22.72	22.75	22.81
		2640.3(41093)	22.83	22.83	22.89
		2593 (40620)	22.74	22.74	22.81
		2545.8(40148)	22.78	22.78	22.86
		2498.5 (39675)	22.63	22.64	22.71
	12RB-Middle (6)	2687.5 (41565)	22.77	22.79	22.84
		2640.3(41093)	22.78	22.82	22.88
		2593 (40620)	22.75	22.74	22.81
		2545.8(40148)	22.78	22.81	22.83
		2498.5 (39675)	22.66	22.64	22.72
	12RB-Low (0)	2687.5 (41565)	22.79	22.80	22.85
		2640.3(41093)	22.84	22.87	22.89
		2593 (40620)	22.77	22.81	22.84
		2545.8(40148)	22.79	22.78	22.82
		2498.5 (39675)	22.64	22.68	22.72
	25RB (0)	2687.5 (41565)	22.79	22.82	22.84
		2640.3(41093)	22.83	22.91	22.91
		2593 (40620)	22.74	22.82	22.81
		2545.8(40148)	22.76	22.83	22.83
		2498.5 (39675)	22.68	22.71	22.74

10MHz	1RB-High (49)	2685 (41540)	22.77	22.90	22.66
		2639(41080)	22.85	22.96	22.73
		2593 (40620)	22.80	22.95	22.70
		2547(40160)	22.87	23.03	22.76
		2501 (39700)	22.67	22.83	22.56
	1RB-Middle (24)	2685 (41540)	22.83	22.98	22.73
		2639(41080)	22.88	23.03	22.76
		2593 (40620)	22.85	23.02	22.75
		2547(40160)	22.88	23.07	22.81
		2501 (39700)	22.70	22.86	22.61
	1RB-Low (0)	2685 (41540)	22.82	22.96	22.72
		2639(41080)	22.87	22.99	22.73
		2593 (40620)	22.89	23.03	22.78
		2547(40160)	22.81	22.97	22.71
		2501 (39700)	22.66	22.84	22.59
	25RB-High (25)	2685 (41540)	22.78	22.82	22.88
		2639(41080)	22.83	22.86	22.90
		2593 (40620)	22.77	22.78	22.84
		2547(40160)	22.81	22.85	22.91
		2501 (39700)	22.63	22.69	22.73
	25RB-Middle (12)	2685 (41540)	22.78	22.83	22.87
		2639(41080)	22.82	22.86	22.90
		2593 (40620)	22.78	22.81	22.86
		2547(40160)	22.82	22.86	22.89
		2501 (39700)	22.66	22.69	22.73
	25RB-Low (0)	2685 (41540)	22.80	22.86	22.91
		2639(41080)	22.83	22.90	22.93
		2593 (40620)	22.82	22.86	22.90
		2547(40160)	22.80	22.83	22.89
		2501 (39700)	22.66	22.68	22.73
	50RB (0)	2685 (41540)	22.82	22.84	22.81
		2639(41080)	22.86	22.88	22.84
		2593 (40620)	22.83	22.86	22.81
		2547(40160)	22.82	22.85	22.82
		2501 (39700)	22.68	22.69	22.69

15MHz	1RB-High (74)	2682.5 (41515)	22.73	22.88	22.64
		2637.8(41068)	22.80	22.95	22.72
		2593 (40620)	22.74	22.91	22.68
		2548.3(40173)	22.80	23.01	22.75
		2503.5 (39725)	22.62	22.82	22.55
	1RB-Middle (37)	2682.5 (41515)	22.79	22.92	22.71
		2637.8(41068)	22.85	23.00	22.76
		2593 (40620)	22.85	23.02	22.76
		2548.3(40173)	22.88	23.05	22.79
		2503.5 (39725)	22.68	22.85	22.58
	1RB-Low (0)	2682.5 (41515)	22.79	22.93	22.74
		2637.8(41068)	22.83	22.98	22.74
		2593 (40620)	22.85	23.04	22.79
		2548.3(40173)	22.76	22.93	22.68
		2503.5 (39725)	22.62	22.82	22.56
	36RB-High (38)	2682.5 (41515)	22.71	22.71	22.75
		2637.8(41068)	22.78	22.81	22.82
		2593 (40620)	22.78	22.73	22.75
		2548.3(40173)	22.81	22.79	22.82
		2503.5 (39725)	22.65	22.64	22.67
	36RB-Middle (19)	2682.5 (41515)	22.78	22.76	22.78
		2637.8(41068)	22.80	22.81	22.83
		2593 (40620)	22.79	22.76	22.77
		2548.3(40173)	22.78	22.79	22.81
		2503.5 (39725)	22.60	22.62	22.65
	36RB-Low (0)	2682.5 (41515)	22.81	22.80	22.81
		2637.8(41068)	22.87	22.87	22.89
		2593 (40620)	22.81	22.78	22.83
		2548.3(40173)	22.78	22.77	22.82
		2503.5 (39725)	22.63	22.63	22.66
	75RB (0)	2682.5 (41515)	22.81	22.81	22.82
		2637.8(41068)	22.82	22.84	22.89
		2593 (40620)	22.79	22.82	22.81
		2548.3(40173)	22.78	22.79	22.81
		2503.5 (39725)	22.65	22.66	22.66

20MHz	1RB-High (99)	2680 (41490)	22.73	22.86	22.61
		2636.5(41055)	22.80	22.95	22.69
		2593 (40620)	22.73	22.88	22.63
		2549.5(40185)	22.76	22.92	22.65
		2506 (39750)	22.61	22.77	22.51
	1RB-Middle (50)	2680 (41490)	22.95	22.98	22.72
		2636.5(41055)	22.88	23.01	22.78
		2593 (40620)	22.88	23.03	22.78
		2549.5(40185)	22.93	23.06	22.82
		2506 (39750)	22.74	22.83	22.62
	1RB-Low (0)	2680 (41490)	22.86	22.98	22.75
		2636.5(41055)	22.85	22.97	22.72
		2593 (40620)	22.82	22.97	22.70
		2549.5(40185)	22.74	22.89	22.62
		2506 (39750)	22.64	22.77	22.52
	50RB-High (50)	2680 (41490)	22.77	22.80	22.77
		2636.5(41055)	22.82	22.86	22.84
		2593 (40620)	22.80	22.85	22.78
		2549.5(40185)	22.82	22.84	22.84
		2506 (39750)	22.65	22.71	22.68
	50RB-Middle (25)	2680 (41490)	22.82	22.87	22.85
		2636.5(41055)	22.90	22.94	22.89
		2593 (40620)	22.85	22.87	22.84
		2549.5(40185)	22.86	22.93	22.88
		2506 (39750)	22.68	22.73	22.70
	50RB-Low (0)	2680 (41490)	22.91	22.93	22.88
		2636.5(41055)	22.89	22.95	22.93
		2593 (40620)	22.86	22.86	22.84
		2549.5(40185)	22.82	22.86	22.84
		2506 (39750)	22.66	22.71	22.67
	100RB (0)	2680 (41490)	22.87	22.84	22.84
		2636.5(41055)	22.86	22.88	22.86
		2593 (40620)	22.83	22.83	22.82
		2549.5(40185)	22.80	22.83	22.81
		2506 (39750)	22.65	22.68	22.67

LTE B41 PC3(ANT4 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.66	22.89	21.38
		2640.3(41093)	23.67	22.85	21.37
		2593 (40620)	23.62	22.82	21.32
		2545.8(40148)	23.55	22.77	21.30
		2498.5 (39675)	23.48	22.68	21.17
	1RB-Middle (12)	2687.5 (41565)	23.77	22.87	21.43
		2640.3(41093)	23.66	22.83	21.35
		2593 (40620)	23.67	22.85	21.37
		2545.8(40148)	23.60	22.76	21.28
		2498.5 (39675)	23.58	22.69	21.21
	1RB-Low (0)	2687.5 (41565)	23.71	22.93	21.42
		2640.3(41093)	23.67	22.83	21.35
		2593 (40620)	23.66	22.88	21.41
		2545.8(40148)	23.56	22.76	21.30
		2498.5 (39675)	23.51	22.69	21.23
	12RB-High (13)	2687.5 (41565)	22.73	21.67	20.71
		2640.3(41093)	22.70	21.66	20.71
		2593 (40620)	22.66	21.62	20.65
		2545.8(40148)	22.66	21.57	20.61
		2498.5 (39675)	22.56	21.51	20.56
	12RB-Middle (6)	2687.5 (41565)	22.76	21.70	20.76
		2640.3(41093)	22.71	21.65	20.70
		2593 (40620)	22.69	21.70	20.72
		2545.8(40148)	22.65	21.60	20.63
		2498.5 (39675)	22.57	21.51	20.56
	12RB-Low (0)	2687.5 (41565)	22.78	21.75	20.79
		2640.3(41093)	22.75	21.68	20.76
		2593 (40620)	22.75	21.70	20.75
		2545.8(40148)	22.69	21.62	20.64
		2498.5 (39675)	22.61	21.54	20.56
	25RB (0)	2687.5 (41565)	22.79	21.79	20.80
		2640.3(41093)	22.78	21.76	20.78
		2593 (40620)	22.75	21.71	20.75
		2545.8(40148)	22.69	21.69	20.69
		2498.5 (39675)	22.60	21.58	20.63

10MHz	1RB-High (49)	2685 (41540)	23.63	22.83	21.33
		2639(41080)	23.64	22.80	21.32
		2593 (40620)	23.56	22.79	21.28
		2547(40160)	23.54	22.78	21.27
		2501 (39700)	23.41	22.62	21.14
	1RB-Middle (24)	2685 (41540)	23.71	22.91	21.40
		2639(41080)	23.65	22.83	21.32
		2593 (40620)	23.64	22.87	21.38
		2547(40160)	23.56	22.78	21.31
		2501 (39700)	23.45	22.65	21.14
	1RB-Low (0)	2685 (41540)	23.69	22.91	21.42
		2639(41080)	23.60	22.81	21.34
		2593 (40620)	23.65	22.87	21.38
		2547(40160)	23.53	22.74	21.26
		2501 (39700)	23.45	22.66	21.19
	25RB-High (25)	2685 (41540)	22.74	21.72	20.78
		2639(41080)	22.78	21.72	20.77
		2593 (40620)	22.73	21.70	20.71
		2547(40160)	22.68	21.64	20.73
		2501 (39700)	22.56	21.55	20.57
	25RB-Middle (12)	2685 (41540)	22.77	21.76	20.82
		2639(41080)	22.74	21.67	20.78
		2593 (40620)	22.75	21.71	20.76
		2547(40160)	22.68	21.67	20.72
		2501 (39700)	22.56	21.56	20.60
	25RB-Low (0)	2685 (41540)	22.83	21.79	20.86
		2639(41080)	22.74	21.69	20.76
		2593 (40620)	22.77	21.74	20.80
		2547(40160)	22.68	21.66	20.69
		2501 (39700)	22.56	21.53	20.57
	50RB (0)	2685 (41540)	22.81	21.83	20.76
		2639(41080)	22.77	21.79	20.72
		2593 (40620)	22.78	21.78	20.73
		2547(40160)	22.68	21.70	20.63
		2501 (39700)	22.59	21.62	20.54

15MHz	1RB-High (74)	2682.5 (41515)	23.55	22.79	21.29
		2637.8(41068)	23.58	22.79	21.29
		2593 (40620)	23.49	22.73	21.24
		2548.3(40173)	23.52	22.77	21.26
		2503.5 (39725)	23.31	22.56	21.07
	1RB-Middle (37)	2682.5 (41515)	23.64	22.86	21.37
		2637.8(41068)	23.61	22.79	21.31
		2593 (40620)	23.59	22.83	21.33
		2548.3(40173)	23.55	22.77	21.28
		2503.5 (39725)	23.39	22.64	21.13
	1RB-Low (0)	2682.5 (41515)	23.63	22.87	21.40
		2637.8(41068)	23.57	22.78	21.30
		2593 (40620)	23.60	22.85	21.39
		2548.3(40173)	23.46	22.71	21.22
		2503.5 (39725)	23.38	22.62	21.12
	36RB-High (38)	2682.5 (41515)	22.71	21.70	20.66
		2637.8(41068)	22.72	21.66	20.67
		2593 (40620)	22.64	21.63	20.62
		2548.3(40173)	22.64	21.59	20.58
		2503.5 (39725)	22.51	21.51	20.47
	36RB-Middle (19)	2682.5 (41515)	22.73	21.71	20.74
		2637.8(41068)	22.69	21.64	20.65
		2593 (40620)	22.70	21.66	20.68
		2548.3(40173)	22.64	21.60	20.62
		2503.5 (39725)	22.50	21.49	20.43
	36RB-Low (0)	2682.5 (41515)	22.79	21.75	20.75
		2637.8(41068)	22.70	21.65	20.68
		2593 (40620)	22.72	21.72	20.68
		2548.3(40173)	22.64	21.59	20.60
		2503.5 (39725)	22.49	21.47	20.47
	75RB (0)	2682.5 (41515)	22.81	21.80	20.75
		2637.8(41068)	22.76	21.75	20.74
		2593 (40620)	22.71	21.73	20.68
		2548.3(40173)	22.65	21.64	20.63
		2503.5 (39725)	22.51	21.51	20.50

20MHz	1RB-High (99)	2680 (41490)	23.42	22.63	21.16
		2636.5(41055)	23.44	22.62	21.14
		2593 (40620)	23.33	22.58	21.10
		2549.5(40185)	23.40	22.61	21.16
		2506 (39750)	23.20	22.44	20.98
	1RB-Middle (50)	2680 (41490)	23.53	22.76	21.29
		2636.5(41055)	23.54	22.69	21.24
		2593 (40620)	23.52	22.71	21.25
		2549.5(40185)	23.47	22.69	21.21
		2506 (39750)	23.32	22.51	21.04
	1RB-Low (0)	2680 (41490)	23.55	22.74	21.25
		2636.5(41055)	23.44	22.61	21.17
		2593 (40620)	23.49	22.70	21.25
		2549.5(40185)	23.34	22.56	21.09
		2506 (39750)	23.25	22.49	21.02
	50RB-High (50)	2680 (41490)	22.61	21.65	20.58
		2636.5(41055)	22.61	21.62	20.59
		2593 (40620)	22.57	21.58	20.52
		2549.5(40185)	22.59	21.62	20.57
		2506 (39750)	22.40	21.44	20.40
	50RB-Middle (25)	2680 (41490)	22.71	21.73	20.69
		2636.5(41055)	22.61	21.64	20.59
		2593 (40620)	22.63	21.67	20.62
		2549.5(40185)	22.60	21.64	20.58
		2506 (39750)	22.46	21.48	20.45
	50RB-Low (0)	2680 (41490)	22.75	21.74	20.74
		2636.5(41055)	22.65	21.69	20.64
		2593 (40620)	22.68	21.73	20.64
		2549.5(40185)	22.61	21.63	20.56
		2506 (39750)	22.44	21.45	20.38
	100RB (0)	2680 (41490)	22.71	21.68	20.68
		2636.5(41055)	22.66	21.65	20.68
		2593 (40620)	22.61	21.66	20.60
		2549.5(40185)	22.58	21.58	20.55
		2506 (39750)	22.41	21.44	20.40

LTE B41 PC3(ANT4 DSI 1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2687.5 (41565)	19.77	19.80	19.46
		2640.3(41093)	19.77	19.82	19.44
		2593 (40620)	19.75	19.80	19.40
		2545.8(40148)	19.75	19.81	19.43
		2498.5 (39675)	19.62	19.68	19.27
	1RB-Middle (12)	2687.5 (41565)	19.84	19.81	19.48
		2640.3(41093)	19.81	19.79	19.45
		2593 (40620)	19.84	19.86	19.46
		2545.8(40148)	19.79	19.82	19.42
		2498.5 (39675)	19.73	19.70	19.31
	1RB-Low (0)	2687.5 (41565)	19.82	19.80	19.48
		2640.3(41093)	19.79	19.77	19.44
		2593 (40620)	19.80	19.82	19.46
		2545.8(40148)	19.68	19.80	19.37
		2498.5 (39675)	19.67	19.69	19.29
	12RB-High (13)	2687.5 (41565)	19.73	19.68	19.77
		2640.3(41093)	19.75	19.70	19.79
		2593 (40620)	19.68	19.62	19.73
		2545.8(40148)	19.69	19.64	19.74
		2498.5 (39675)	19.61	19.60	19.66
	12RB-Middle (6)	2687.5 (41565)	19.78	19.71	19.81
		2640.3(41093)	19.73	19.68	19.76
		2593 (40620)	19.71	19.67	19.74
		2545.8(40148)	19.68	19.65	19.75
		2498.5 (39675)	19.63	19.60	19.62
	12RB-Low (0)	2687.5 (41565)	19.80	19.76	19.84
		2640.3(41093)	19.77	19.69	19.82
		2593 (40620)	19.76	19.70	19.81
		2545.8(40148)	19.69	19.63	19.74
		2498.5 (39675)	19.63	19.68	19.62
	25RB (0)	2687.5 (41565)	19.79	19.82	19.84
		2640.3(41093)	19.75	19.78	19.83
		2593 (40620)	19.74	19.77	19.78
		2545.8(40148)	19.70	19.69	19.75
		2498.5 (39675)	19.67	19.64	19.69

10MHz	1RB-High (49)	2685 (41540)	19.75	19.77	19.40
		2639(41080)	19.73	19.79	19.40
		2593 (40620)	19.69	19.75	19.36
		2547(40160)	19.74	19.79	19.40
		2501 (39700)	19.54	19.64	19.23
	1RB-Middle (24)	2685 (41540)	19.78	19.86	19.47
		2639(41080)	19.77	19.80	19.42
		2593 (40620)	19.80	19.84	19.45
		2547(40160)	19.78	19.84	19.46
		2501 (39700)	19.61	19.69	19.30
	1RB-Low (0)	2685 (41540)	19.79	19.82	19.46
		2639(41080)	19.73	19.77	19.40
		2593 (40620)	19.79	19.84	19.47
		2547(40160)	19.68	19.71	19.32
		2501 (39700)	19.60	19.67	19.30
	25RB-High (25)	2685 (41540)	19.76	19.79	19.84
		2639(41080)	19.74	19.78	19.84
		2593 (40620)	19.71	19.71	19.75
		2547(40160)	19.73	19.76	19.80
		2501 (39700)	19.60	19.64	19.67
	25RB-Middle (12)	2685 (41540)	19.78	19.80	19.84
		2639(41080)	19.74	19.77	19.81
		2593 (40620)	19.74	19.77	19.79
		2547(40160)	19.71	19.74	19.81
		2501 (39700)	19.61	19.66	19.70
	25RB-Low (0)	2685 (41540)	19.82	19.84	19.89
		2639(41080)	19.74	19.80	19.83
		2593 (40620)	19.74	19.76	19.83
		2547(40160)	19.70	19.70	19.72
		2501 (39700)	19.61	19.63	19.69
	50RB (0)	2685 (41540)	19.80	19.88	19.82
		2639(41080)	19.75	19.81	19.79
		2593 (40620)	19.76	19.76	19.79
		2547(40160)	19.72	19.75	19.72
		2501 (39700)	19.65	19.68	19.66

15MHz	1RB-High (74)	2682.5 (41515)	19.66	19.72	19.35
		2637.8(41068)	19.66	19.73	19.36
		2593 (40620)	19.60	19.69	19.31
		2548.3(40173)	19.70	19.77	19.37
		2503.5 (39725)	19.48	19.59	19.19
	1RB-Middle (37)	2682.5 (41515)	19.75	19.77	19.43
		2637.8(41068)	19.74	19.79	19.42
		2593 (40620)	19.74	19.82	19.44
		2548.3(40173)	19.76	19.84	19.45
		2503.5 (39725)	19.58	19.65	19.26
	1RB-Low (0)	2682.5 (41515)	19.73	19.80	19.43
		2637.8(41068)	19.69	19.73	19.37
		2593 (40620)	19.75	19.81	19.44
		2548.3(40173)	19.60	19.68	19.29
		2503.5 (39725)	19.52	19.64	19.23
	36RB-High (38)	2682.5 (41515)	19.69	19.69	19.70
		2637.8(41068)	19.72	19.70	19.71
		2593 (40620)	19.62	19.65	19.69
		2548.3(40173)	19.67	19.65	19.68
		2503.5 (39725)	19.55	19.53	19.59
	36RB-Middle (19)	2682.5 (41515)	19.72	19.72	19.75
		2637.8(41068)	19.70	19.68	19.73
		2593 (40620)	19.69	19.67	19.72
		2548.3(40173)	19.67	19.66	19.67
		2503.5 (39725)	19.54	19.55	19.57
	36RB-Low (0)	2682.5 (41515)	19.76	19.74	19.77
		2637.8(41068)	19.71	19.68	19.77
		2593 (40620)	19.69	19.73	19.77
		2548.3(40173)	19.61	19.62	19.64
		2503.5 (39725)	19.56	19.56	19.60
	75RB (0)	2682.5 (41515)	19.78	19.80	19.81
		2637.8(41068)	19.73	19.75	19.76
		2593 (40620)	19.72	19.75	19.75
		2548.3(40173)	19.67	19.69	19.70
		2503.5 (39725)	19.59	19.62	19.61

20MHz	1RB-High (99)	2680 (41490)	19.63	19.66	19.30
		2636.5(41055)	19.62	19.67	19.30
		2593 (40620)	19.57	19.63	19.24
		2549.5(40185)	19.59	19.66	19.26
		2506 (39750)	19.43	19.49	19.11
	1RB-Middle (50)	2680 (41490)	19.77	19.78	19.42
		2636.5(41055)	19.73	19.77	19.37
		2593 (40620)	19.76	19.80	19.38
		2549.5(40185)	19.75	19.79	19.40
		2506 (39750)	19.58	19.62	19.23
	1RB-Low (0)	2680 (41490)	19.75	19.75	19.40
		2636.5(41055)	19.66	19.69	19.32
		2593 (40620)	19.65	19.70	19.33
		2549.5(40185)	19.54	19.69	19.25
		2506 (39750)	19.50	19.60	19.17
	50RB-High (50)	2680 (41490)	19.69	19.70	19.72
		2636.5(41055)	19.67	19.72	19.71
		2593 (40620)	19.67	19.72	19.70
		2549.5(40185)	19.67	19.69	19.70
		2506 (39750)	19.54	19.56	19.58
	50RB-Middle (25)	2680 (41490)	19.79	19.80	19.79
		2636.5(41055)	19.75	19.77	19.74
		2593 (40620)	19.72	19.75	19.75
		2549.5(40185)	19.76	19.74	19.75
		2506 (39750)	19.60	19.63	19.61
	50RB-Low (0)	2680 (41490)	19.82	19.87	19.85
		2636.5(41055)	19.70	19.81	19.77
		2593 (40620)	19.71	19.78	19.72
		2549.5(40185)	19.65	19.77	19.64
		2506 (39750)	19.59	19.58	19.61
	100RB (0)	2680 (41490)	19.78	19.79	19.78
		2636.5(41055)	19.73	19.76	19.74
		2593 (40620)	19.68	19.75	19.72
		2549.5(40185)	19.68	19.73	19.69
		2506 (39750)	19.58	19.60	19.59

LTE B48(ANT5 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	56715	23.78	22.78	21.39
		55990	23.84	22.81	21.43
		55265	23.71	22.67	21.34
	1RB-Middle (12)	56715	23.87	22.82	21.44
		55990	23.85	22.79	21.48
		55265	23.79	22.71	21.42
	1RB-Low (0)	56715	23.85	22.77	21.42
		55990	23.89	22.83	21.44
		55265	23.75	22.68	21.35
	12RB-High (13)	56715	22.72	21.65	20.73
		55990	22.75	21.68	20.74
		55265	22.66	21.58	20.64
	12RB-Middle (6)	56715	22.73	21.65	20.72
		55990	22.77	21.70	20.74
		55265	22.65	21.57	20.63
	12RB-Low (0)	56715	22.73	21.67	20.74
		55990	22.79	21.71	20.78
		55265	22.67	21.61	20.64
	25RB (0)	56715	22.72	21.75	20.77
		55990	22.78	21.80	20.80
		55265	22.67	21.68	20.66
10MHz	1RB-High (49)	56690	23.76	22.76	21.35
		55990	23.81	22.78	21.37
		55290	23.74	22.71	21.32
	1RB-Middle (24)	56690	23.79	22.81	21.39
		55990	23.85	22.85	21.44
		55290	23.73	22.69	21.34
	1RB-Low (0)	56690	23.76	22.77	21.35
		55990	23.84	22.80	21.42
		55290	23.70	22.68	21.29
	25RB-High (25)	56690	22.67	21.73	20.76
		55990	22.71	21.75	20.78
		55290	22.66	21.70	20.72
	25RB-Middle (12)	56690	22.67	21.73	20.74
		55990	22.74	21.77	20.80
		55290	22.66	21.64	20.68
	25RB-Low (0)	56690	22.68	21.73	20.75
		55990	22.76	21.78	20.80
		55290	22.64	21.67	20.70
	50RB (0)	56690	22.72	21.73	20.73
		55990	22.79	21.77	20.76
		55290	22.68	21.72	20.65

15MHz	1RB-High (74)	56665	23.69	22.74	21.32
		55990	23.78	22.75	21.34
		55315	23.71	22.71	21.31
	1RB-Middle (37)	56665	23.89	22.81	21.41
		55990	23.83	22.82	21.43
		55315	23.80	22.76	21.39
	1RB-Low (0)	56665	23.77	22.73	21.33
		55990	23.81	22.81	21.39
		55315	23.67	22.65	21.26
	36RB-High (38)	56665	22.67	21.67	20.71
		55990	22.71	21.73	20.71
		55315	22.67	21.66	20.65
	36RB-Middle (19)	56665	22.74	21.71	20.73
		55990	22.72	21.72	20.73
		55315	22.66	21.61	20.63
	36RB-Low (0)	56665	22.70	21.70	20.72
		55990	22.73	21.70	20.72
		55315	22.61	21.62	20.61
	75RB (0)	56665	22.71	21.77	20.74
		55990	22.73	21.74	20.73
		55315	22.65	21.68	20.66
20MHz	1RB-High (99)	56640	23.71	22.72	21.32
		55990	23.73	22.70	21.32
		55340	23.73	22.70	21.29
	1RB-Middle (50)	56640	23.86	22.82	21.44
		55990	23.87	22.84	21.42
		55340	23.81	22.77	21.37
	1RB-Low (0)	56640	23.73	22.69	21.29
		55990	23.81	22.78	21.38
		55340	23.67	22.64	21.24
	50RB-High (50)	56640	22.77	21.80	20.77
		55990	22.83	21.79	20.74
		55340	22.78	21.76	20.73
	50RB-Middle (25)	56640	22.82	21.81	20.78
		55990	22.82	21.81	20.79
		55340	22.76	21.75	20.70
	50RB-Low (0)	56640	22.82	21.80	20.77
		55990	22.82	21.85	20.82
		55340	22.68	21.72	20.68
	100RB (0)	56640	22.76	21.79	20.76
		55990	22.77	21.77	20.74
		55340	22.72	21.73	20.67

LTE B48(ANT5 DSI 1/4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	56715	17.71	17.86	17.56
		55990	17.76	17.88	17.61
		55265	17.68	17.76	17.52
	1RB-Middle (12)	56715	17.84	17.89	17.59
		55990	17.81	17.88	17.63
		55265	17.77	17.83	17.54
	1RB-Low (0)	56715	17.76	17.86	17.60
		55990	17.80	17.89	17.63
		55265	17.69	17.80	17.53
	12RB-High (13)	56715	17.69	17.73	17.70
		55990	17.72	17.75	17.74
		55265	17.63	17.66	17.63
	12RB-Middle (6)	56715	17.67	17.73	17.72
		55990	17.71	17.76	17.75
		55265	17.61	17.68	17.64
	12RB-Low (0)	56715	17.70	17.75	17.73
		55990	17.72	17.77	17.76
		55265	17.62	17.68	17.67
	25RB (0)	56715	17.70	17.81	17.76
		55990	17.73	17.85	17.78
		55265	17.61	17.75	17.69
10MHz	1RB-High (49)	56690	17.71	17.82	17.55
		55990	17.75	17.85	17.57
		55290	17.70	17.81	17.54
	1RB-Middle (24)	56690	17.76	17.90	17.62
		55990	17.79	17.94	17.67
		55290	17.70	17.78	17.54
	1RB-Low (0)	56690	17.72	17.86	17.57
		55990	17.79	17.87	17.62
		55290	17.66	17.77	17.59
	25RB-High (25)	56690	17.71	17.80	17.75
		55990	17.72	17.83	17.78
		55290	17.67	17.78	17.72
	25RB-Middle (12)	56690	17.69	17.81	17.74
		55990	17.74	17.84	17.80
		55290	17.63	17.74	17.67
	25RB-Low (0)	56690	17.71	17.83	17.77
		55990	17.75	17.85	17.80
		55290	17.64	17.75	17.68
	50RB (0)	56690	17.74	17.85	17.71
		55990	17.75	17.86	17.75
		55290	17.66	17.77	17.65

15MHz	1RB-High (74)	56665	17.63	17.80	17.53
		55990	17.65	17.80	17.55
		55315	17.67	17.80	17.52
	1RB-Middle (37)	56665	17.73	17.90	17.60
		55990	17.75	17.91	17.63
		55315	17.72	17.86	17.58
	1RB-Low (0)	56665	17.67	17.82	17.52
		55990	17.72	17.87	17.59
		55315	17.61	17.74	17.57
	36RB-High (38)	56665	17.68	17.79	17.71
		55990	17.67	17.77	17.71
		55315	17.64	17.74	17.65
	36RB-Middle (19)	56665	17.71	17.78	17.74
		55990	17.72	17.80	17.73
		55315	17.61	17.70	17.63
	36RB-Low (0)	56665	17.70	17.80	17.73
		55990	17.67	17.79	17.71
		55315	17.60	17.70	17.65
	75RB (0)	56665	17.70	17.84	17.76
		55990	17.71	17.84	17.75
		55315	17.63	17.77	17.67
20MHz	1RB-High (99)	56640	17.61	17.77	17.60
		55990	17.57	17.59	17.49
		55340	17.58	17.72	17.45
	1RB-Middle (50)	56640	17.69	17.83	17.65
		55990	17.74	17.76	17.61
		55340	17.66	17.78	17.52
	1RB-Low (0)	56640	17.56	17.69	17.54
		55990	17.63	17.63	17.52
		55340	17.58	17.72	17.45
	50RB-High (50)	56640	17.66	17.70	17.64
		55990	17.64	17.66	17.65
		55340	17.63	17.65	17.64
	50RB-Middle (25)	56640	17.68	17.69	17.64
		55990	17.69	17.71	17.65
		55340	17.64	17.70	17.63
	50RB-Low (0)	56640	17.65	17.67	17.65
		55990	17.64	17.73	17.67
		55340	17.61	17.66	17.66
	100RB (0)	56640	17.61	17.63	17.61
		55990	17.63	17.65	17.64
		55340	17.60	17.65	17.61

LTE B48(ANT5 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	56715	20.57	20.72	20.39
		55990	20.62	20.75	20.45
		55265	20.53	20.61	20.35
	1RB-Middle (12)	56715	20.72	20.76	20.43
		55990	20.68	20.75	20.48
		55265	20.64	20.69	20.37
	1RB-Low (0)	56715	20.62	20.73	20.44
		55990	20.67	20.76	20.47
		55265	20.54	20.65	20.36
	12RB-High (13)	56715	20.54	20.57	20.56
		55990	20.58	20.60	20.60
		55265	20.47	20.49	20.48
	12RB-Middle (6)	56715	20.52	20.57	20.58
		55990	20.57	20.61	20.62
		55265	20.45	20.51	20.49
	12RB-Low (0)	56715	20.56	20.60	20.59
		55990	20.58	20.62	20.63
		55265	20.46	20.51	20.52
	25RB (0)	56715	20.55	20.67	20.63
		55990	20.59	20.71	20.65
		55265	20.45	20.60	20.54
10MHz	1RB-High (49)	56690	20.57	20.68	20.38
		55990	20.61	20.71	20.40
		55290	20.56	20.67	20.37
	1RB-Middle (24)	56690	20.63	20.77	20.46
		55990	20.66	20.82	20.52
		55290	20.55	20.63	20.37
	1RB-Low (0)	56690	20.58	20.72	20.40
		55990	20.66	20.74	20.46
		55290	20.51	20.62	20.43
	25RB-High (25)	56690	20.57	20.66	20.62
		55990	20.58	20.69	20.65
		55290	20.52	20.63	20.58
	25RB-Middle (12)	56690	20.54	20.67	20.60
		55990	20.60	20.70	20.67
		55290	20.47	20.58	20.52
	25RB-Low (0)	56690	20.57	20.69	20.64
		55990	20.61	20.71	20.67
		55290	20.48	20.60	20.53
	50RB (0)	56690	20.60	20.71	20.57
		55990	20.61	20.73	20.62
		55290	20.51	20.62	20.50

15MHz	1RB-High (74)	56665	20.47	20.66	20.36
		55990	20.50	20.66	20.38
		55315	20.52	20.65	20.35
	1RB-Middle (37)	56665	20.59	20.77	20.44
		55990	20.61	20.78	20.48
		55315	20.58	20.72	20.42
	1RB-Low (0)	56665	20.52	20.68	20.35
		55990	20.58	20.74	20.43
		55315	20.45	20.58	20.40
	36RB-High (38)	56665	20.53	20.64	20.57
		55990	20.52	20.62	20.57
		55315	20.48	20.59	20.50
	36RB-Middle (19)	56665	20.57	20.63	20.60
		55990	20.58	20.66	20.59
		55315	20.45	20.54	20.48
	36RB-Low (0)	56665	20.55	20.65	20.59
		55990	20.52	20.64	20.57
		55315	20.44	20.54	20.50
	75RB (0)	56665	20.56	20.70	20.63
		55990	20.57	20.70	20.61
		55315	20.47	20.62	20.52
20MHz	1RB-High (99)	56640	20.45	20.62	20.44
		55990	20.51	20.67	20.47
		55340	20.46	20.66	20.37
	1RB-Middle (50)	56640	20.57	20.77	20.58
		55990	20.64	20.82	20.64
		55340	20.55	20.75	20.50
	1RB-Low (0)	56640	20.41	20.65	20.42
		55990	20.52	20.73	20.50
		55340	20.48	20.72	20.40
	50RB-High (50)	56640	20.53	20.58	20.55
		55990	20.54	20.59	20.56
		55340	20.53	20.59	20.56
	50RB-Middle (25)	56640	20.50	20.57	20.52
		55990	20.55	20.63	20.57
		55340	20.57	20.60	20.56
	50RB-Low (0)	56640	20.54	20.58	20.53
		55990	20.59	20.60	20.57
		55340	20.58	20.60	20.55
	100RB (0)	56640	20.49	20.55	20.53
		55990	20.53	20.57	20.52
		55340	20.52	20.57	20.55

LTE B48(ANT5 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	56715	14.51	14.76	14.44
		55990	14.52	14.78	14.45
		55265	14.44	14.68	14.37
	1RB-Middle (12)	56715	14.55	14.77	14.44
		55990	14.53	14.78	14.47
		55265	14.47	14.71	14.41
	1RB-Low (0)	56715	14.50	14.76	14.44
		55990	14.55	14.78	14.48
		55265	14.46	14.68	14.38
	12RB-High (13)	56715	14.45	14.68	14.55
		55990	14.47	14.69	14.56
		55265	14.39	14.60	14.46
	12RB-Middle (6)	56715	14.46	14.68	14.55
		55990	14.48	14.71	14.58
		55265	14.39	14.61	14.48
	12RB-Low (0)	56715	14.45	14.68	14.56
		55990	14.53	14.71	14.58
		55265	14.44	14.62	14.49
	25RB (0)	56715	14.46	14.72	14.58
		55990	14.49	14.77	14.59
		55265	14.38	14.68	14.49
10MHz	1RB-High (49)	56690	14.45	14.74	14.39
		55990	14.49	14.76	14.40
		55290	14.47	14.71	14.39
	1RB-Middle (24)	56690	14.51	14.80	14.45
		55990	14.56	14.78	14.49
		55290	14.43	14.71	14.37
	1RB-Low (0)	56690	14.49	14.79	14.45
		55990	14.54	14.79	14.46
		55290	14.44	14.67	14.35
	25RB-High (25)	56690	14.44	14.73	14.54
		55990	14.46	14.77	14.58
		55290	14.42	14.72	14.54
	25RB-Middle (12)	56690	14.47	14.74	14.56
		55990	14.50	14.77	14.59
		55290	14.38	14.66	14.51
	25RB-Low (0)	56690	14.47	14.75	14.56
		55990	14.51	14.77	14.60
		55290	14.38	14.68	14.51
	50RB (0)	56690	14.45	14.76	14.54
		55990	14.50	14.80	14.58
		55290	14.42	14.69	14.49

15MHz	1RB-High (74)	56665	14.45	14.74	14.39
		55990	14.46	14.73	14.40
		55315	14.43	14.71	14.38
	1RB-Middle (37)	56665	14.51	14.78	14.45
		55990	14.51	14.79	14.46
		55315	14.47	14.74	14.42
	1RB-Low (0)	56665	14.46	14.77	14.40
		55990	14.51	14.78	14.45
		55315	14.41	14.66	14.35
	36RB-High (38)	56665	14.44	14.72	14.51
		55990	14.43	14.73	14.57
		55315	14.41	14.65	14.50
	36RB-Middle (19)	56665	14.47	14.68	14.55
		55990	14.47	14.72	14.57
		55315	14.39	14.63	14.48
	36RB-Low (0)	56665	14.47	14.71	14.56
		55990	14.47	14.71	14.54
		55315	14.38	14.66	14.45
	75RB (0)	56665	14.47	14.75	14.55
		55990	14.47	14.75	14.54
		55315	14.38	14.70	14.47
20MHz	1RB-High (99)	56640	14.49	14.70	14.38
		55990	14.51	14.53	14.42
		55340	14.44	14.65	14.52
	1RB-Middle (50)	56640	14.58	14.75	14.47
		55990	14.63	14.64	14.51
		55340	14.54	14.71	14.51
	1RB-Low (0)	56640	14.46	14.63	14.35
		55990	14.55	14.54	14.44
		55340	14.48	14.65	14.53
	50RB-High (50)	56640	14.55	14.58	14.57
		55990	14.52	14.57	14.57
		55340	14.51	14.56	14.52
	50RB-Middle (25)	56640	14.54	14.60	14.56
		55990	14.56	14.59	14.55
		55340	14.51	14.55	14.54
	50RB-Low (0)	56640	14.55	14.58	14.53
		55990	14.58	14.60	14.55
		55340	14.53	14.55	14.51
	100RB (0)	56640	14.53	14.52	14.53
		55990	14.52	14.55	14.53
		55340	14.50	14.53	14.50

LTE B66(ANT4 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	24.66	23.77	22.82
		1745 (132322)	24.63	23.93	22.81
		1710.7 (131979)	24.58	23.70	22.69
	1RB-Middle (3)	1779.3 (132665)	24.67	23.87	22.86
		1745 (132322)	24.67	23.84	22.78
		1710.7 (131979)	24.57	23.85	22.72
	1RB-Low (0)	1779.3 (132665)	24.68	23.85	22.83
		1745 (132322)	24.65	23.85	22.86
		1710.7 (131979)	24.59	23.76	22.71
	3RB-High (3)	1779.3 (132665)	24.72	23.75	22.71
		1745 (132322)	24.65	23.55	22.70
		1710.7 (131979)	24.59	23.64	22.65
	3RB-Middle (1)	1779.3 (132665)	24.73	23.69	22.71
		1745 (132322)	24.63	23.65	22.66
		1710.7 (131979)	24.58	23.64	22.62
	3RB-Low (0)	1779.3 (132665)	24.74	23.80	22.80
		1745 (132322)	24.65	23.62	22.70
		1710.7 (131979)	24.59	23.58	22.68
	6RB (0)	1779.3 (132665)	23.73	22.80	21.67
		1745 (132322)	23.65	22.65	21.54
		1710.7 (131979)	23.65	22.70	21.57
3MHz	1RB-High (14)	1778.5 (132657)	24.69	23.87	22.86
		1745 (132322)	24.67	23.95	22.83
		1711.5 (131987)	24.59	23.83	22.71
	1RB-Middle (7)	1778.5 (132657)	24.75	23.88	22.79
		1745 (132322)	24.69	23.96	22.82
		1711.5 (131987)	24.57	23.69	22.83
	1RB-Low (0)	1778.5 (132657)	24.71	23.94	22.83
		1745 (132322)	24.65	23.95	22.81
		1711.5 (131987)	24.61	23.82	22.73
	8RB-High (7)	1778.5 (132657)	23.73	22.74	21.69
		1745 (132322)	23.65	22.67	21.65
		1711.5 (131987)	23.54	22.60	21.59
	8RB-Middle (4)	1778.5 (132657)	23.68	22.76	21.71
		1745 (132322)	23.65	22.71	21.62
		1711.5 (131987)	23.59	22.67	21.62
	8RB-Low (0)	1778.5 (132657)	23.68	22.71	21.73
		1745 (132322)	23.62	22.73	21.62
		1711.5 (131987)	23.59	22.67	21.61
	15RB (0)	1778.5 (132657)	23.68	22.72	21.71
		1745 (132322)	23.60	22.71	21.58
		1711.5 (131987)	23.60	22.60	21.56

5MHz	1RB-High (24)	1777.5 (132647)	24.79	23.90	22.87
		1745 (132322)	24.76	23.96	22.87
		1712.5 (131997)	24.60	23.85	22.66
	1RB-Middle (12)	1777.5 (132647)	24.76	23.94	22.93
		1745 (132322)	24.74	23.95	22.87
		1712.5 (131997)	24.65	23.78	22.75
	1RB-Low (0)	1777.5 (132647)	24.77	23.91	22.88
		1745 (132322)	24.72	24.06	22.83
		1712.5 (131997)	24.64	23.89	22.73
	12RB-High (13)	1777.5 (132647)	23.71	22.69	21.72
		1745 (132322)	23.63	22.68	21.66
		1712.5 (131997)	23.60	22.57	21.57
	12RB-Middle (6)	1777.5 (132647)	23.69	22.72	21.75
		1745 (132322)	23.68	22.65	21.65
		1712.5 (131997)	23.58	22.58	21.56
	12RB-Low (0)	1777.5 (132647)	23.72	22.71	21.74
		1745 (132322)	23.65	22.65	21.69
		1712.5 (131997)	23.64	22.60	21.62
	25RB (0)	1777.5 (132647)	23.71	22.73	21.69
		1745 (132322)	23.70	22.68	21.71
		1712.5 (131997)	23.59	22.62	21.59
10MHz	1RB-High (49)	1775 (132622)	24.75	23.93	22.83
		1745 (132322)	24.73	24.04	22.87
		1715 (132022)	24.62	23.81	22.71
	1RB-Middle (24)	1775 (132622)	24.83	23.99	22.91
		1745 (132322)	24.80	24.02	22.84
		1715 (132022)	24.63	23.76	22.74
	1RB-Low (0)	1775 (132622)	24.74	24.02	22.89
		1745 (132322)	24.69	23.94	22.82
		1715 (132022)	24.66	23.85	22.67
	25RB-High (25)	1775 (132622)	23.71	22.76	21.75
		1745 (132322)	23.72	22.75	21.72
		1715 (132022)	23.60	22.63	21.61
	25RB-Middle (12)	1775 (132622)	23.76	22.79	21.76
		1745 (132322)	23.67	22.74	21.70
		1715 (132022)	23.56	22.57	21.59
	25RB-Low (0)	1775 (132622)	23.69	22.78	21.71
		1745 (132322)	23.63	22.72	21.72
		1715 (132022)	23.57	22.56	21.61
	50RB (0)	1775 (132622)	23.76	22.75	21.76
		1745 (132322)	23.73	22.78	21.74
		1715 (132022)	23.65	22.59	21.54

15MHz	1RB-High (74)	1772.5 (132597)	24.67	23.79	22.80
		1745 (132322)	24.66	23.94	22.82
		1717.5 (132047)	24.55	23.75	22.72
	1RB-Middle (37)	1772.5 (132597)	24.76	24.01	22.80
		1745 (132322)	24.71	23.99	22.83
		1717.5 (132047)	24.59	23.83	22.73
	1RB-Low (0)	1772.5 (132597)	24.72	23.87	22.87
		1745 (132322)	24.69	23.90	22.80
		1717.5 (132047)	24.57	23.72	22.72
	36RB-High (38)	1772.5 (132597)	23.74	22.73	21.76
		1745 (132322)	23.71	22.64	21.71
		1717.5 (132047)	23.61	22.61	21.62
	36RB-Middle (19)	1772.5 (132597)	23.77	22.76	21.76
		1745 (132322)	23.68	22.68	21.73
		1717.5 (132047)	23.55	22.54	21.57
	36RB-Low (0)	1772.5 (132597)	23.74	22.69	21.70
		1745 (132322)	23.69	22.65	21.72
		1717.5 (132047)	23.52	22.54	21.55
	75RB (0)	1772.5 (132597)	23.72	22.72	21.78
		1745 (132322)	23.70	22.75	21.65
		1717.5 (132047)	23.57	22.58	21.50
20MHz	1RB-High (99)	1770 (132572)	24.61	23.81	22.67
		1745 (132322)	24.63	23.79	22.67
		1720 (132072)	24.50	23.68	22.57
	1RB-Middle (50)	1770 (132572)	24.70	23.86	22.81
		1745 (132322)	24.65	23.93	22.76
		1720 (132072)	24.56	23.62	22.65
	1RB-Low (0)	1770 (132572)	24.60	23.76	22.71
		1745 (132322)	24.55	23.75	22.67
		1720 (132072)	24.51	23.66	22.55
	50RB-High (50)	1770 (132572)	23.76	22.74	21.77
		1745 (132322)	23.66	22.67	21.58
		1720 (132072)	23.47	22.48	21.44
	50RB-Middle (25)	1770 (132572)	23.74	22.67	21.70
		1745 (132322)	23.64	22.67	21.61
		1720 (132072)	23.51	22.52	21.54
	50RB-Low (0)	1770 (132572)	23.66	22.66	21.63
		1745 (132322)	23.66	22.68	21.58
		1720 (132072)	23.52	22.47	21.46
	100RB (0)	1770 (132572)	23.70	22.71	21.74
		1745 (132322)	23.64	22.66	21.64
		1720 (132072)	23.49	22.45	21.46

LTE B66(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	17.61	17.89	17.76
		1745 (132322)	17.62	17.99	17.75
		1710.7 (131979)	17.51	17.77	17.72
	1RB-Middle (3)	1779.3 (132665)	17.60	17.90	17.72
		1745 (132322)	17.63	18.01	17.83
		1710.7 (131979)	17.54	17.86	17.70
	1RB-Low (0)	1779.3 (132665)	17.57	17.78	17.80
		1745 (132322)	17.63	17.88	17.89
		1710.7 (131979)	17.52	17.74	17.64
	3RB-High (3)	1779.3 (132665)	17.62	17.67	17.71
		1745 (132322)	17.63	17.63	17.71
		1710.7 (131979)	17.54	17.56	17.64
	3RB-Middle (1)	1779.3 (132665)	17.60	17.57	17.69
		1745 (132322)	17.65	17.62	17.70
		1710.7 (131979)	17.55	17.60	17.69
	3RB-Low (0)	1779.3 (132665)	17.58	17.65	17.71
		1745 (132322)	17.66	17.66	17.76
		1710.7 (131979)	17.53	17.59	17.60
	6RB (0)	1779.3 (132665)	17.62	17.68	17.62
		1745 (132322)	17.65	17.76	17.67
		1710.7 (131979)	17.56	17.61	17.53
3MHz	1RB-High (14)	1778.5 (132657)	17.60	17.85	17.80
		1745 (132322)	17.65	17.98	17.89
		1711.5 (131987)	17.49	17.79	17.62
	1RB-Middle (7)	1778.5 (132657)	17.67	17.98	17.78
		1745 (132322)	17.67	17.93	17.90
		1711.5 (131987)	17.55	17.76	17.78
	1RB-Low (0)	1778.5 (132657)	17.66	17.79	17.90
		1745 (132322)	17.62	17.84	17.80
		1711.5 (131987)	17.54	17.74	17.66
	8RB-High (7)	1778.5 (132657)	17.61	17.66	17.67
		1745 (132322)	17.61	17.72	17.72
		1711.5 (131987)	17.52	17.58	17.64
	8RB-Middle (4)	1778.5 (132657)	17.61	17.67	17.65
		1745 (132322)	17.64	17.67	17.68
		1711.5 (131987)	17.51	17.60	17.58
	8RB-Low (0)	1778.5 (132657)	17.63	17.75	17.70
		1745 (132322)	17.63	17.73	17.70
		1711.5 (131987)	17.55	17.63	17.62
	15RB (0)	1778.5 (132657)	17.58	17.66	17.64
		1745 (132322)	17.61	17.67	17.58
		1711.5 (131987)	17.55	17.59	17.54

5MHz	1RB-High (24)	1777.5 (132647)	17.67	17.84	17.77
		1745 (132322)	17.70	18.01	17.96
		1712.5 (131997)	17.54	17.89	17.67
	1RB-Middle (12)	1777.5 (132647)	17.70	17.88	17.88
		1745 (132322)	17.67	18.00	17.85
		1712.5 (131997)	17.58	17.77	17.72
	1RB-Low (0)	1777.5 (132647)	17.74	18.02	17.88
		1745 (132322)	17.64	17.95	17.80
		1712.5 (131997)	17.62	17.77	17.78
	12RB-High (13)	1777.5 (132647)	17.62	17.62	17.71
		1745 (132322)	17.66	17.62	17.67
		1712.5 (131997)	17.49	17.51	17.57
	12RB-Middle (6)	1777.5 (132647)	17.64	17.65	17.70
		1745 (132322)	17.67	17.65	17.67
		1712.5 (131997)	17.55	17.58	17.55
	12RB-Low (0)	1777.5 (132647)	17.63	17.67	17.70
		1745 (132322)	17.67	17.64	17.70
		1712.5 (131997)	17.56	17.52	17.57
	25RB (0)	1777.5 (132647)	17.67	17.71	17.71
		1745 (132322)	17.60	17.65	17.68
		1712.5 (131997)	17.52	17.55	17.55
10MHz	1RB-High (49)	1775 (132622)	17.67	17.93	17.79
		1745 (132322)	17.70	18.05	17.83
		1715 (132022)	17.57	17.73	17.71
	1RB-Middle (24)	1775 (132622)	17.71	18.00	17.77
		1745 (132322)	17.71	17.93	17.77
		1715 (132022)	17.54	17.83	17.72
	1RB-Low (0)	1775 (132622)	17.74	18.01	17.80
		1745 (132322)	17.67	17.90	17.81
		1715 (132022)	17.59	17.84	17.69
	25RB-High (25)	1775 (132622)	17.72	17.76	17.73
		1745 (132322)	17.68	17.69	17.80
		1715 (132022)	17.55	17.58	17.54
	25RB-Middle (12)	1775 (132622)	17.70	17.75	17.72
		1745 (132322)	17.66	17.70	17.72
		1715 (132022)	17.55	17.52	17.55
	25RB-Low (0)	1775 (132622)	17.65	17.68	17.65
		1745 (132322)	17.60	17.68	17.65
		1715 (132022)	17.55	17.54	17.61
	50RB (0)	1775 (132622)	17.67	17.74	17.70
		1745 (132322)	17.74	17.74	17.70
		1715 (132022)	17.59	17.54	17.53

15MHz	1RB-High (74)	1772.5 (132597)	17.58	17.89	17.65
		1745 (132322)	17.61	17.92	17.80
		1717.5 (132047)	17.50	17.86	17.59
	1RB-Middle (37)	1772.5 (132597)	17.67	17.95	17.81
		1745 (132322)	17.64	17.94	17.76
		1717.5 (132047)	17.54	17.82	17.64
	1RB-Low (0)	1772.5 (132597)	17.65	17.87	17.79
		1745 (132322)	17.56	17.78	17.76
		1717.5 (132047)	17.50	17.75	17.69
	36RB-High (38)	1772.5 (132597)	17.70	17.68	17.73
		1745 (132322)	17.57	17.65	17.65
		1717.5 (132047)	17.56	17.58	17.61
	36RB-Middle (19)	1772.5 (132597)	17.67	17.63	17.68
		1745 (132322)	17.64	17.64	17.68
		1717.5 (132047)	17.45	17.47	17.51
	36RB-Low (0)	1772.5 (132597)	17.63	17.66	17.67
		1745 (132322)	17.62	17.62	17.71
		1717.5 (132047)	17.45	17.49	17.52
	75RB (0)	1772.5 (132597)	17.72	17.68	17.73
		1745 (132322)	17.66	17.59	17.62
		1717.5 (132047)	17.51	17.52	17.50
20MHz	1RB-High (99)	1770 (132572)	17.58	17.83	17.73
		1745 (132322)	17.56	17.83	17.80
		1720 (132072)	17.49	17.68	17.58
	1RB-Middle (50)	1770 (132572)	17.68	17.88	17.84
		1745 (132322)	17.62	17.84	17.78
		1720 (132072)	17.52	17.81	17.64
	1RB-Low (0)	1770 (132572)	17.64	17.96	17.79
		1745 (132322)	17.53	17.89	17.70
		1720 (132072)	17.46	17.75	17.59
	50RB-High (50)	1770 (132572)	17.82	17.74	17.77
		1745 (132322)	17.72	17.66	17.71
		1720 (132072)	17.64	17.51	17.48
	50RB-Middle (25)	1770 (132572)	17.77	17.75	17.73
		1745 (132322)	17.66	17.70	17.71
		1720 (132072)	17.49	17.52	17.52
	50RB-Low (0)	1770 (132572)	17.77	17.73	17.78
		1745 (132322)	17.65	17.63	17.64
		1720 (132072)	17.55	17.57	17.50
	100RB (0)	1770 (132572)	17.69	17.70	17.75
		1745 (132322)	17.68	17.67	17.64
		1720 (132072)	17.43	17.49	17.48

LTE B66(ANT4 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	21.05	21.32	21.30
		1745 (132322)	20.98	21.34	21.16
		1710.7 (131979)	20.86	21.10	21.08
	1RB-Middle (3)	1779.3 (132665)	21.11	21.35	21.26
		1745 (132322)	20.99	21.38	21.21
		1710.7 (131979)	20.89	21.16	21.11
	1RB-Low (0)	1779.3 (132665)	21.07	21.40	21.25
		1745 (132322)	20.94	21.25	21.16
		1710.7 (131979)	20.84	21.15	21.09
	3RB-High (3)	1779.3 (132665)	21.11	21.08	21.18
		1745 (132322)	20.98	21.00	21.09
		1710.7 (131979)	20.90	20.90	20.99
	3RB-Middle (1)	1779.3 (132665)	21.10	21.15	21.22
		1745 (132322)	21.01	21.11	21.17
		1710.7 (131979)	20.91	20.90	20.97
	3RB-Low (0)	1779.3 (132665)	21.09	21.15	21.16
		1745 (132322)	21.03	21.08	21.12
		1710.7 (131979)	20.90	20.85	21.00
	6RB (0)	1779.3 (132665)	21.10	21.16	21.08
		1745 (132322)	21.00	21.11	21.05
		1710.7 (131979)	20.92	20.98	20.91
3MHz	1RB-High (14)	1778.5 (132657)	21.07	21.40	21.34
		1745 (132322)	20.95	21.26	21.22
		1711.5 (131987)	20.88	21.10	21.08
	1RB-Middle (7)	1778.5 (132657)	21.13	21.47	21.23
		1745 (132322)	21.00	21.32	21.26
		1711.5 (131987)	20.93	21.23	21.00
	1RB-Low (0)	1778.5 (132657)	21.04	21.25	21.20
		1745 (132322)	20.94	21.23	21.16
		1711.5 (131987)	20.85	21.09	20.96
	8RB-High (7)	1778.5 (132657)	21.08	21.14	21.17
		1745 (132322)	20.95	21.00	21.03
		1711.5 (131987)	20.89	20.97	20.96
	8RB-Middle (4)	1778.5 (132657)	21.08	21.18	21.13
		1745 (132322)	20.98	21.02	21.06
		1711.5 (131987)	20.90	20.95	20.92
	8RB-Low (0)	1778.5 (132657)	21.08	21.10	21.12
		1745 (132322)	21.00	21.07	21.05
		1711.5 (131987)	20.85	20.95	20.95
	15RB (0)	1778.5 (132657)	21.02	21.08	21.06
		1745 (132322)	20.93	20.99	21.00
		1711.5 (131987)	20.89	20.95	20.90

5MHz	1RB-High (24)	1777.5 (132647)	21.15	21.46	21.35
		1745 (132322)	21.10	21.41	21.24
		1712.5 (131997)	20.96	21.20	21.11
	1RB-Middle (12)	1777.5 (132647)	21.15	21.39	21.39
		1745 (132322)	21.04	21.40	21.18
		1712.5 (131997)	21.01	21.18	21.09
	1RB-Low (0)	1777.5 (132647)	21.11	21.50	21.33
		1745 (132322)	21.05	21.38	21.31
		1712.5 (131997)	20.92	21.31	21.15
	12RB-High (13)	1777.5 (132647)	21.13	21.11	21.11
		1745 (132322)	20.93	20.96	21.03
		1712.5 (131997)	20.92	20.92	20.94
	12RB-Middle (6)	1777.5 (132647)	21.09	21.10	21.09
		1745 (132322)	21.02	21.01	21.09
		1712.5 (131997)	20.92	20.93	20.91
	12RB-Low (0)	1777.5 (132647)	21.11	21.04	21.09
		1745 (132322)	21.03	21.08	21.12
		1712.5 (131997)	20.95	20.92	20.94
	25RB (0)	1777.5 (132647)	21.08	21.11	21.09
		1745 (132322)	21.03	21.04	21.05
		1712.5 (131997)	20.97	20.94	20.98
10MHz	1RB-High (49)	1775 (132622)	21.15	21.48	21.28
		1745 (132322)	21.11	21.35	21.29
		1715 (132022)	20.99	21.37	21.18
	1RB-Middle (24)	1775 (132622)	21.06	21.40	21.26
		1745 (132322)	21.08	21.29	21.24
		1715 (132022)	20.93	21.29	21.13
	1RB-Low (0)	1775 (132622)	21.10	21.49	21.26
		1745 (132322)	21.08	21.34	21.22
		1715 (132022)	20.95	21.19	21.08
	25RB-High (25)	1775 (132622)	21.10	21.12	21.16
		1745 (132322)	21.07	21.10	21.08
		1715 (132022)	21.00	20.99	21.03
	25RB-Middle (12)	1775 (132622)	21.07	21.07	21.07
		1745 (132322)	21.03	21.06	21.09
		1715 (132022)	20.91	20.98	21.00
	25RB-Low (0)	1775 (132622)	21.02	21.04	21.05
		1745 (132322)	21.01	21.10	21.06
		1715 (132022)	20.92	20.98	20.98
	50RB (0)	1775 (132622)	21.10	21.10	21.11
		1745 (132322)	21.09	21.12	21.05
		1715 (132022)	20.96	20.94	20.94

15MHz	1RB-High (74)	1772.5 (132597)	21.02	21.25	21.24
		1745 (132322)	20.95	21.40	21.15
		1717.5 (132047)	20.90	21.19	21.11
	1RB-Middle (37)	1772.5 (132597)	21.04	21.42	21.26
		1745 (132322)	21.00	21.29	21.15
		1717.5 (132047)	20.93	21.12	21.13
	1RB-Low (0)	1772.5 (132597)	20.96	21.25	21.19
		1745 (132322)	20.97	21.26	21.18
		1717.5 (132047)	20.90	21.24	21.11
	36RB-High (38)	1772.5 (132597)	21.10	21.09	21.14
		1745 (132322)	21.00	20.98	21.07
		1717.5 (132047)	20.94	20.93	20.99
	36RB-Middle (19)	1772.5 (132597)	21.03	21.05	21.14
		1745 (132322)	21.00	21.02	21.11
		1717.5 (132047)	20.90	20.93	20.94
	36RB-Low (0)	1772.5 (132597)	20.98	20.97	21.05
		1745 (132322)	21.01	21.01	21.04
		1717.5 (132047)	20.90	20.90	20.92
	75RB (0)	1772.5 (132597)	21.07	21.09	21.10
		1745 (132322)	20.97	20.99	21.05
		1717.5 (132047)	20.93	20.90	20.95
20MHz	1RB-High (99)	1770 (132572)	21.03	21.26	21.27
		1745 (132322)	21.01	21.37	21.15
		1720 (132072)	20.94	21.19	21.11
	1RB-Middle (50)	1770 (132572)	21.04	21.30	21.21
		1745 (132322)	21.02	21.26	21.27
		1720 (132072)	20.95	21.09	21.11
	1RB-Low (0)	1770 (132572)	20.97	21.37	21.12
		1745 (132322)	20.92	21.26	21.17
		1720 (132072)	20.87	21.07	21.06
	50RB-High (50)	1770 (132572)	21.14	21.14	21.19
		1745 (132322)	21.03	21.02	21.03
		1720 (132072)	20.97	20.97	20.92
	50RB-Middle (25)	1770 (132572)	21.05	21.09	21.07
		1745 (132322)	21.02	21.08	21.10
		1720 (132072)	20.96	20.91	20.91
	50RB-Low (0)	1770 (132572)	20.99	21.04	21.04
		1745 (132322)	21.06	21.12	21.11
		1720 (132072)	20.89	20.91	20.86
	100RB (0)	1770 (132572)	21.05	21.09	21.05
		1745 (132322)	21.04	21.02	21.04
		1720 (132072)	20.87	20.87	20.85

LTE B66(ANT4 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	14.46	14.77	14.76
		1745 (132322)	14.56	14.82	14.78
		1710.7 (131979)	14.49	14.81	14.62
	1RB-Middle (3)	1779.3 (132665)	14.55	14.80	14.68
		1745 (132322)	14.62	14.95	14.78
		1710.7 (131979)	14.48	14.79	14.61
	1RB-Low (0)	1779.3 (132665)	14.56	14.75	14.68
		1745 (132322)	14.55	14.78	14.84
		1710.7 (131979)	14.48	14.69	14.63
	3RB-High (3)	1779.3 (132665)	14.52	14.54	14.63
		1745 (132322)	14.55	14.62	14.71
		1710.7 (131979)	14.52	14.47	14.58
	3RB-Middle (1)	1779.3 (132665)	14.51	14.49	14.72
		1745 (132322)	14.58	14.64	14.70
		1710.7 (131979)	14.45	14.43	14.57
	3RB-Low (0)	1779.3 (132665)	14.53	14.52	14.71
		1745 (132322)	14.59	14.55	14.65
		1710.7 (131979)	14.49	14.51	14.59
	6RB (0)	1779.3 (132665)	14.54	14.63	14.52
		1745 (132322)	14.60	14.60	14.57
		1710.7 (131979)	14.50	14.53	14.45
3MHz	1RB-High (14)	1778.5 (132657)	14.54	14.80	14.67
		1745 (132322)	14.59	14.85	14.78
		1711.5 (131987)	14.47	14.69	14.61
	1RB-Middle (7)	1778.5 (132657)	14.58	14.82	14.73
		1745 (132322)	14.57	14.91	14.80
		1711.5 (131987)	14.54	14.74	14.67
	1RB-Low (0)	1778.5 (132657)	14.56	14.79	14.73
		1745 (132322)	14.53	14.81	14.65
		1711.5 (131987)	14.46	14.67	14.59
	8RB-High (7)	1778.5 (132657)	14.53	14.59	14.59
		1745 (132322)	14.51	14.65	14.58
		1711.5 (131987)	14.48	14.54	14.51
	8RB-Middle (4)	1778.5 (132657)	14.52	14.62	14.57
		1745 (132322)	14.53	14.66	14.57
		1711.5 (131987)	14.45	14.57	14.51
	8RB-Low (0)	1778.5 (132657)	14.56	14.64	14.60
		1745 (132322)	14.55	14.67	14.62
		1711.5 (131987)	14.46	14.57	14.53
	15RB (0)	1778.5 (132657)	14.55	14.58	14.51
		1745 (132322)	14.55	14.60	14.59
		1711.5 (131987)	14.50	14.48	14.49

5MHz	1RB-High (24)	1777.5 (132647)	14.64	14.84	14.79
		1745 (132322)	14.67	14.86	14.73
		1712.5 (131997)	14.55	14.69	14.56
	1RB-Middle (12)	1777.5 (132647)	14.65	14.76	14.75
		1745 (132322)	14.64	14.79	14.89
		1712.5 (131997)	14.60	14.75	14.68
	1RB-Low (0)	1777.5 (132647)	14.65	14.84	14.80
		1745 (132322)	14.63	14.92	14.79
		1712.5 (131997)	14.59	14.82	14.68
	12RB-High (13)	1777.5 (132647)	14.54	14.53	14.63
		1745 (132322)	14.58	14.55	14.60
		1712.5 (131997)	14.48	14.42	14.48
	12RB-Middle (6)	1777.5 (132647)	14.57	14.58	14.60
		1745 (132322)	14.61	14.61	14.63
		1712.5 (131997)	14.51	14.47	14.51
	12RB-Low (0)	1777.5 (132647)	14.56	14.61	14.62
		1745 (132322)	14.60	14.58	14.67
		1712.5 (131997)	14.47	14.52	14.51
	25RB (0)	1777.5 (132647)	14.59	14.60	14.61
		1745 (132322)	14.57	14.61	14.60
		1712.5 (131997)	14.47	14.52	14.47
10MHz	1RB-High (49)	1775 (132622)	14.62	14.99	14.70
		1745 (132322)	14.62	14.92	14.87
		1715 (132022)	14.57	14.74	14.68
	1RB-Middle (24)	1775 (132622)	14.63	14.88	14.81
		1745 (132322)	14.61	14.92	14.86
		1715 (132022)	14.53	14.83	14.66
	1RB-Low (0)	1775 (132622)	14.66	14.94	14.85
		1745 (132322)	14.59	14.98	14.74
		1715 (132022)	14.51	14.86	14.67
	25RB-High (25)	1775 (132622)	14.63	14.68	14.64
		1745 (132322)	14.67	14.68	14.66
		1715 (132022)	14.51	14.53	14.56
	25RB-Middle (12)	1775 (132622)	14.59	14.70	14.65
		1745 (132322)	14.58	14.66	14.59
		1715 (132022)	14.45	14.51	14.50
	25RB-Low (0)	1775 (132622)	14.57	14.64	14.64
		1745 (132322)	14.57	14.64	14.65
		1715 (132022)	14.51	14.49	14.53
	50RB (0)	1775 (132622)	14.58	14.63	14.64
		1745 (132322)	14.65	14.69	14.62
		1715 (132022)	14.51	14.49	14.50

15MHz	1RB-High (74)	1772.5 (132597)	14.51	14.71	14.61
		1745 (132322)	14.57	14.88	14.72
		1717.5 (132047)	14.47	14.84	14.58
	1RB-Middle (37)	1772.5 (132597)	14.58	14.90	14.83
		1745 (132322)	14.58	14.94	14.76
		1717.5 (132047)	14.52	14.80	14.64
	1RB-Low (0)	1772.5 (132597)	14.57	14.89	14.68
		1745 (132322)	14.50	14.85	14.68
		1717.5 (132047)	14.43	14.72	14.68
	36RB-High (38)	1772.5 (132597)	14.58	14.68	14.62
		1745 (132322)	14.57	14.60	14.62
		1717.5 (132047)	14.46	14.44	14.49
	36RB-Middle (19)	1772.5 (132597)	14.56	14.55	14.63
		1745 (132322)	14.55	14.60	14.61
		1717.5 (132047)	14.41	14.48	14.49
	36RB-Low (0)	1772.5 (132597)	14.58	14.65	14.68
		1745 (132322)	14.56	14.58	14.63
		1717.5 (132047)	14.43	14.48	14.54
	75RB (0)	1772.5 (132597)	14.58	14.67	14.66
		1745 (132322)	14.54	14.55	14.59
		1717.5 (132047)	14.46	14.43	14.46
20MHz	1RB-High (99)	1770 (132572)	14.50	14.79	14.67
		1745 (132322)	14.53	14.73	14.67
		1720 (132072)	14.45	14.63	14.56
	1RB-Middle (50)	1770 (132572)	14.69	14.79	14.74
		1745 (132322)	14.60	14.93	14.75
		1720 (132072)	14.44	14.69	14.56
	1RB-Low (0)	1770 (132572)	14.55	14.87	14.76
		1745 (132322)	14.45	14.68	14.60
		1720 (132072)	14.44	14.69	14.56
	50RB-High (50)	1770 (132572)	14.75	14.72	14.69
		1745 (132322)	14.64	14.65	14.68
		1720 (132072)	14.44	14.40	14.43
	50RB-Middle (25)	1770 (132572)	14.71	14.64	14.70
		1745 (132322)	14.64	14.58	14.61
		1720 (132072)	14.50	14.47	14.53
	50RB-Low (0)	1770 (132572)	14.68	14.65	14.68
		1745 (132322)	14.56	14.62	14.60
		1720 (132072)	14.48	14.45	14.50
	100RB (0)	1770 (132572)	14.68	14.66	14.66
		1745 (132322)	14.63	14.62	14.62
		1720 (132072)	14.42	14.41	14.46

LTE B66(ANT4 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	16.94	17.36	17.12
		1745 (132322)	16.99	17.32	17.17
		1710.7 (131979)	16.80	17.13	17.04
	1RB-Middle (3)	1779.3 (132665)	17.00	17.34	17.15
		1745 (132322)	16.97	17.30	17.10
		1710.7 (131979)	16.85	17.17	17.02
	1RB-Low (0)	1779.3 (132665)	16.96	17.34	17.13
		1745 (132322)	16.97	17.32	17.18
		1710.7 (131979)	16.83	17.12	16.94
	3RB-High (3)	1779.3 (132665)	17.00	16.92	17.09
		1745 (132322)	16.96	16.91	17.06
		1710.7 (131979)	16.88	16.82	16.89
	3RB-Middle (1)	1779.3 (132665)	17.01	17.04	17.09
		1745 (132322)	16.98	17.01	17.14
		1710.7 (131979)	16.85	16.82	16.96
	3RB-Low (0)	1779.3 (132665)	17.00	17.02	17.17
		1745 (132322)	16.99	16.94	17.14
		1710.7 (131979)	16.83	16.81	17.00
	6RB (0)	1779.3 (132665)	17.01	17.16	16.95
		1745 (132322)	17.00	17.11	16.97
		1710.7 (131979)	16.86	16.95	16.77
3MHz	1RB-High (14)	1778.5 (132657)	16.98	17.25	17.14
		1745 (132322)	16.95	17.30	17.14
		1711.5 (131987)	16.87	17.22	17.05
	1RB-Middle (7)	1778.5 (132657)	17.06	17.33	17.17
		1745 (132322)	16.98	17.26	17.19
		1711.5 (131987)	16.85	17.09	17.01
	1RB-Low (0)	1778.5 (132657)	16.94	17.20	17.07
		1745 (132322)	16.97	17.25	17.14
		1711.5 (131987)	16.81	17.05	16.97
	8RB-High (7)	1778.5 (132657)	16.98	17.08	17.01
		1745 (132322)	16.92	17.01	16.99
		1711.5 (131987)	16.88	16.94	16.93
	8RB-Middle (4)	1778.5 (132657)	17.00	17.13	17.03
		1745 (132322)	16.94	17.05	17.01
		1711.5 (131987)	16.84	16.89	16.86
	8RB-Low (0)	1778.5 (132657)	17.01	17.06	17.02
		1745 (132322)	16.99	17.07	17.00
		1711.5 (131987)	16.82	16.92	16.87
	15RB (0)	1778.5 (132657)	16.96	17.00	16.98
		1745 (132322)	16.94	16.96	17.01
		1711.5 (131987)	16.82	16.94	16.87

5MHz	1RB-High (24)	1777.5 (132647)	17.05	17.28	17.13
		1745 (132322)	16.99	17.37	17.23
		1712.5 (131997)	16.91	17.22	17.05
	1RB-Middle (12)	1777.5 (132647)	17.14	17.31	17.19
		1745 (132322)	17.01	17.36	17.21
		1712.5 (131997)	16.89	17.26	17.10
	1RB-Low (0)	1777.5 (132647)	17.01	17.34	17.14
		1745 (132322)	17.01	17.21	17.12
		1712.5 (131997)	16.88	17.15	17.07
	12RB-High (13)	1777.5 (132647)	17.04	17.02	17.08
		1745 (132322)	16.94	16.93	17.02
		1712.5 (131997)	16.89	16.95	16.96
	12RB-Middle (6)	1777.5 (132647)	16.99	17.02	17.05
		1745 (132322)	17.04	17.05	17.00
		1712.5 (131997)	16.89	16.90	16.93
	12RB-Low (0)	1777.5 (132647)	16.97	17.06	17.02
		1745 (132322)	17.07	17.03	17.04
		1712.5 (131997)	16.87	16.90	16.88
	25RB (0)	1777.5 (132647)	16.97	17.03	17.06
		1745 (132322)	16.97	17.00	17.01
		1712.5 (131997)	16.91	16.95	16.92
10MHz	1RB-High (49)	1775 (132622)	17.02	17.36	17.12
		1745 (132322)	17.04	17.38	17.13
		1715 (132022)	16.93	17.20	17.05
	1RB-Middle (24)	1775 (132622)	17.05	17.29	17.13
		1745 (132322)	17.06	17.24	17.24
		1715 (132022)	16.92	17.21	17.14
	1RB-Low (0)	1775 (132622)	17.03	17.25	17.17
		1745 (132322)	17.03	17.32	17.10
		1715 (132022)	16.89	17.10	17.02
	25RB-High (25)	1775 (132622)	17.08	17.08	17.05
		1745 (132322)	17.07	17.04	17.08
		1715 (132022)	16.95	17.00	16.95
	25RB-Middle (12)	1775 (132622)	17.00	17.07	17.07
		1745 (132322)	17.02	17.09	17.09
		1715 (132022)	16.92	16.96	16.97
	25RB-Low (0)	1775 (132622)	17.00	16.99	17.00
		1745 (132322)	17.06	17.05	17.08
		1715 (132022)	16.93	16.97	16.98
	50RB (0)	1775 (132622)	17.05	17.03	17.05
		1745 (132322)	17.09	17.05	17.09
		1715 (132022)	16.90	16.95	16.97

15MHz	1RB-High (74)	1772.5 (132597)	16.98	17.30	17.09
		1745 (132322)	16.98	17.26	17.15
		1717.5 (132047)	16.88	17.19	17.08
	1RB-Middle (37)	1772.5 (132597)	17.02	17.31	17.15
		1745 (132322)	17.02	17.24	17.24
		1717.5 (132047)	16.92	17.21	17.12
	1RB-Low (0)	1772.5 (132597)	16.91	17.19	17.15
		1745 (132322)	16.98	17.15	17.16
		1717.5 (132047)	16.85	17.05	17.00
	36RB-High (38)	1772.5 (132597)	16.99	17.02	17.03
		1745 (132322)	16.96	16.96	17.02
		1717.5 (132047)	16.96	17.00	17.01
	36RB-Middle (19)	1772.5 (132597)	17.00	17.01	17.00
		1745 (132322)	17.08	17.06	17.05
		1717.5 (132047)	16.93	16.89	16.92
	36RB-Low (0)	1772.5 (132597)	16.92	17.00	17.04
		1745 (132322)	16.98	17.05	17.11
		1717.5 (132047)	16.83	16.87	16.86
	75RB (0)	1772.5 (132597)	17.00	17.01	17.06
		1745 (132322)	17.07	17.04	17.00
		1717.5 (132047)	16.95	16.95	16.90
20MHz	1RB-High (99)	1770 (132572)	17.01	17.23	17.17
		1745 (132322)	17.03	17.31	17.15
		1720 (132072)	16.91	17.20	17.08
	1RB-Middle (50)	1770 (132572)	17.13	17.28	17.23
		1745 (132322)	17.09	17.45	17.22
		1720 (132072)	16.92	17.26	17.02
	1RB-Low (0)	1770 (132572)	17.01	17.25	17.07
		1745 (132322)	16.98	17.14	17.08
		1720 (132072)	16.85	17.11	16.92
	50RB-High (50)	1770 (132572)	17.18	17.14	17.08
		1745 (132322)	17.09	17.08	16.99
		1720 (132072)	16.95	16.94	16.93
	50RB-Middle (25)	1770 (132572)	17.07	17.08	17.05
		1745 (132322)	17.08	17.10	17.13
		1720 (132072)	17.00	16.90	16.97
	50RB-Low (0)	1770 (132572)	17.06	17.07	17.07
		1745 (132322)	17.15	17.11	17.07
		1720 (132072)	16.90	16.93	16.92
	100RB (0)	1770 (132572)	17.06	17.07	17.09
		1745 (132322)	17.07	17.07	16.99
		1720 (132072)	16.91	16.90	16.89

LTE B66(ANT1 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	24.55	23.50	22.56
		1745 (132322)	24.52	23.66	22.55
		1710.7 (131979)	24.47	23.43	22.43
	1RB-Middle (3)	1779.3 (132665)	24.56	23.60	22.60
		1745 (132322)	24.56	23.57	22.52
		1710.7 (131979)	24.46	23.58	22.46
	1RB-Low (0)	1779.3 (132665)	24.57	23.58	22.57
		1745 (132322)	24.54	23.58	22.60
		1710.7 (131979)	24.48	23.49	22.45
	3RB-High (3)	1779.3 (132665)	24.61	23.48	22.45
		1745 (132322)	24.54	23.28	22.44
		1710.7 (131979)	24.48	23.37	22.39
	3RB-Middle (1)	1779.3 (132665)	24.62	23.42	22.45
		1745 (132322)	24.52	23.38	22.40
		1710.7 (131979)	24.47	23.37	22.36
	3RB-Low (0)	1779.3 (132665)	24.63	23.53	22.54
		1745 (132322)	24.54	23.35	22.44
		1710.7 (131979)	24.48	23.31	22.42
	6RB (0)	1779.3 (132665)	23.62	22.54	21.42
		1745 (132322)	23.54	22.39	21.29
		1710.7 (131979)	23.54	22.44	21.32
3MHz	1RB-High (14)	1778.5 (132657)	24.58	23.60	22.60
		1745 (132322)	24.56	23.68	22.57
		1711.5 (131987)	24.48	23.56	22.45
	1RB-Middle (7)	1778.5 (132657)	24.64	23.61	22.53
		1745 (132322)	24.58	23.69	22.56
		1711.5 (131987)	24.46	23.42	22.57
	1RB-Low (0)	1778.5 (132657)	24.60	23.67	22.57
		1745 (132322)	24.54	23.68	22.55
		1711.5 (131987)	24.50	23.55	22.47
	8RB-High (7)	1778.5 (132657)	23.62	22.48	21.44
		1745 (132322)	23.54	22.41	21.40
		1711.5 (131987)	23.43	22.34	21.34
	8RB-Middle (4)	1778.5 (132657)	23.57	22.50	21.46
		1745 (132322)	23.54	22.45	21.37
		1711.5 (131987)	23.48	22.41	21.37
	8RB-Low (0)	1778.5 (132657)	23.57	22.45	21.48
		1745 (132322)	23.51	22.47	21.37
		1711.5 (131987)	23.48	22.41	21.36
	15RB (0)	1778.5 (132657)	23.57	22.46	21.46
		1745 (132322)	23.49	22.45	21.33
		1711.5 (131987)	23.49	22.34	21.31

5MHz	1RB-High (24)	1777.5 (132647)	24.68	23.63	22.61
		1745 (132322)	24.65	23.69	22.61
		1712.5 (131997)	24.49	23.58	22.40
	1RB-Middle (12)	1777.5 (132647)	24.65	23.67	22.67
		1745 (132322)	24.63	23.68	22.61
		1712.5 (131997)	24.54	23.51	22.49
	1RB-Low (0)	1777.5 (132647)	24.66	23.64	22.62
		1745 (132322)	24.61	23.79	22.57
		1712.5 (131997)	24.53	23.62	22.47
	12RB-High (13)	1777.5 (132647)	23.60	22.43	21.47
		1745 (132322)	23.52	22.42	21.41
		1712.5 (131997)	23.49	22.31	21.32
	12RB-Middle (6)	1777.5 (132647)	23.58	22.46	21.50
		1745 (132322)	23.57	22.39	21.40
		1712.5 (131997)	23.47	22.32	21.31
	12RB-Low (0)	1777.5 (132647)	23.61	22.45	21.49
		1745 (132322)	23.54	22.39	21.44
		1712.5 (131997)	23.53	22.34	21.37
	25RB (0)	1777.5 (132647)	23.60	22.47	21.44
		1745 (132322)	23.59	22.42	21.46
		1712.5 (131997)	23.48	22.36	21.34
10MHz	1RB-High (49)	1775 (132622)	24.64	23.66	22.57
		1745 (132322)	24.62	23.77	22.61
		1715 (132022)	24.51	23.54	22.45
	1RB-Middle (24)	1775 (132622)	24.72	23.72	22.65
		1745 (132322)	24.69	23.75	22.58
		1715 (132022)	24.52	23.49	22.48
	1RB-Low (0)	1775 (132622)	24.63	23.75	22.63
		1745 (132322)	24.58	23.67	22.56
		1715 (132022)	24.55	23.58	22.41
	25RB-High (25)	1775 (132622)	23.60	22.50	21.50
		1745 (132322)	23.61	22.49	21.47
		1715 (132022)	23.49	22.37	21.36
	25RB-Middle (12)	1775 (132622)	23.65	22.53	21.51
		1745 (132322)	23.56	22.48	21.45
		1715 (132022)	23.45	22.31	21.34
	25RB-Low (0)	1775 (132622)	23.58	22.52	21.46
		1745 (132322)	23.52	22.46	21.47
		1715 (132022)	23.46	22.30	21.36
	50RB (0)	1775 (132622)	23.65	22.49	21.51
		1745 (132322)	23.62	22.52	21.49
		1715 (132022)	23.54	22.33	21.29

15MHz	1RB-High (74)	1772.5 (132597)	24.56	23.52	22.54
		1745 (132322)	24.55	23.67	22.56
		1717.5 (132047)	24.44	23.48	22.46
	1RB-Middle (37)	1772.5 (132597)	24.65	23.74	22.54
		1745 (132322)	24.60	23.72	22.57
		1717.5 (132047)	24.48	23.56	22.47
	1RB-Low (0)	1772.5 (132597)	24.61	23.60	22.61
		1745 (132322)	24.58	23.63	22.54
		1717.5 (132047)	24.46	23.45	22.46
	36RB-High (38)	1772.5 (132597)	23.63	22.47	21.51
		1745 (132322)	23.60	22.38	21.46
		1717.5 (132047)	23.50	22.35	21.37
	36RB-Middle (19)	1772.5 (132597)	23.66	22.50	21.51
		1745 (132322)	23.57	22.42	21.48
		1717.5 (132047)	23.44	22.28	21.32
	36RB-Low (0)	1772.5 (132597)	23.63	22.43	21.45
		1745 (132322)	23.58	22.39	21.47
		1717.5 (132047)	23.41	22.28	21.30
	75RB (0)	1772.5 (132597)	23.61	22.46	21.53
		1745 (132322)	23.59	22.49	21.40
		1717.5 (132047)	23.46	22.32	21.25
20MHz	1RB-High (99)	1770 (132572)	24.50	23.54	22.41
		1745 (132322)	24.52	23.56	22.43
		1720 (132072)	24.48	23.52	22.39
	1RB-Middle (50)	1770 (132572)	24.63	23.63	22.49
		1745 (132322)	24.58	23.61	22.48
		1720 (132072)	24.62	23.65	22.51
	1RB-Low (0)	1770 (132572)	24.49	23.53	22.40
		1745 (132322)	24.44	23.48	22.36
		1720 (132072)	24.43	23.47	22.35
	50RB-High (50)	1770 (132572)	23.48	22.47	21.63
		1745 (132322)	23.25	22.26	21.43
		1720 (132072)	23.60	22.58	21.73
	50RB-Middle (25)	1770 (132572)	23.57	22.55	21.71
		1745 (132322)	23.52	22.51	21.66
		1720 (132072)	23.60	22.58	21.73
	50RB-Low (0)	1770 (132572)	23.35	22.35	21.52
		1745 (132322)	23.40	22.40	21.56
		1720 (132072)	23.74	22.71	21.85
	100RB (0)	1770 (132572)	23.45	22.44	21.60
		1745 (132322)	23.40	22.40	21.56
		1720 (132072)	23.68	22.65	21.80

LTE B66(ANT1 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	23.36	22.93	21.85
		1745 (132322)	23.36	22.93	21.90
		1710.7 (131979)	23.39	22.96	21.88
	1RB-Middle (3)	1779.3 (132665)	23.49	23.06	21.96
		1745 (132322)	23.45	23.02	21.93
		1710.7 (131979)	23.47	23.04	21.95
	1RB-Low (0)	1779.3 (132665)	23.36	22.93	21.85
		1745 (132322)	23.32	22.89	21.81
		1710.7 (131979)	23.30	22.87	21.80
	3RB-High (3)	1779.3 (132665)	22.88	22.03	21.03
		1745 (132322)	22.66	22.08	20.84
		1710.7 (131979)	23.01	22.00	21.14
	3RB-Middle (1)	1779.3 (132665)	22.99	22.12	21.12
		1745 (132322)	22.93	22.15	21.07
		1710.7 (131979)	23.00	22.17	21.13
	3RB-Low (0)	1779.3 (132665)	22.76	22.22	20.93
		1745 (132322)	22.78	22.63	20.94
		1710.7 (131979)	23.12	22.10	21.23
	6RB (0)	1779.3 (132665)	22.83	21.83	20.99
		1745 (132322)	22.75	21.76	20.92
		1710.7 (131979)	23.07	22.05	21.19
3MHz	1RB-High (14)	1778.5 (132657)	23.41	22.98	21.89
		1745 (132322)	23.41	22.98	21.94
		1711.5 (131987)	23.44	23.01	21.92
	1RB-Middle (7)	1778.5 (132657)	23.54	23.11	22.00
		1745 (132322)	23.50	23.07	21.97
		1711.5 (131987)	23.52	23.09	21.99
	1RB-Low (0)	1778.5 (132657)	23.41	22.98	21.89
		1745 (132322)	23.37	22.94	21.85
		1711.5 (131987)	23.35	22.92	21.84
	8RB-High (7)	1778.5 (132657)	22.93	21.92	21.07
		1745 (132322)	22.71	21.72	20.88
		1711.5 (131987)	23.06	22.04	21.18
	8RB-Middle (4)	1778.5 (132657)	23.04	22.02	21.16
		1745 (132322)	22.98	21.97	21.11
		1711.5 (131987)	23.05	22.03	21.17
	8RB-Low (0)	1778.5 (132657)	22.81	21.81	20.97
		1745 (132322)	22.83	21.82	20.98
		1711.5 (131987)	23.17	22.14	21.27
	15RB (0)	1778.5 (132657)	22.88	21.87	21.03
		1745 (132322)	22.80	21.80	20.96
		1711.5 (131987)	23.12	22.09	21.23

5MHz	1RB-High (24)	1777.5 (132647)	23.46	23.03	21.93
		1745 (132322)	23.46	23.03	21.98
		1712.5 (131997)	23.49	23.06	21.96
	1RB-Middle (12)	1777.5 (132647)	23.59	23.16	22.04
		1745 (132322)	23.55	23.12	22.01
		1712.5 (131997)	23.57	23.14	22.03
	1RB-Low (0)	1777.5 (132647)	23.46	23.03	21.93
		1745 (132322)	23.42	22.99	21.89
		1712.5 (131997)	23.40	22.97	21.88
	12RB-High (13)	1777.5 (132647)	22.98	21.96	21.11
		1745 (132322)	22.76	21.76	20.92
		1712.5 (131997)	23.11	22.08	21.22
	12RB-Middle (6)	1777.5 (132647)	23.09	22.06	21.20
		1745 (132322)	23.03	22.01	21.15
		1712.5 (131997)	23.10	22.07	21.21
	12RB-Low (0)	1777.5 (132647)	22.86	21.85	21.01
		1745 (132322)	22.88	21.86	21.02
		1712.5 (131997)	23.22	22.18	21.31
	25RB (0)	1777.5 (132647)	22.93	21.91	21.07
		1745 (132322)	22.85	21.84	21.00
		1712.5 (131997)	23.17	22.13	21.27
10MHz	1RB-High (49)	1775 (132622)	23.51	23.08	21.97
		1745 (132322)	23.51	23.08	22.02
		1715 (132022)	23.54	23.11	22.00
	1RB-Middle (24)	1775 (132622)	23.64	23.21	22.08
		1745 (132322)	23.60	23.17	22.05
		1715 (132022)	23.62	23.19	22.07
	1RB-Low (0)	1775 (132622)	23.51	23.08	21.97
		1745 (132322)	23.47	23.04	21.93
		1715 (132022)	23.45	23.02	21.92
	25RB-High (25)	1775 (132622)	23.03	22.00	21.15
		1745 (132322)	22.81	21.80	20.96
		1715 (132022)	23.16	22.12	21.26
	25RB-Middle (12)	1775 (132622)	23.14	22.10	21.24
		1745 (132322)	23.08	22.05	21.19
		1715 (132022)	23.15	22.11	21.25
	25RB-Low (0)	1775 (132622)	22.91	21.89	21.05
		1745 (132322)	22.93	21.90	21.06
		1715 (132022)	23.27	22.22	21.35
	50RB (0)	1775 (132622)	22.98	21.95	21.11
		1745 (132322)	22.90	21.88	21.04
		1715 (132022)	23.22	22.17	21.31

15MHz	1RB-High (74)	1772.5 (132597)	23.56	23.13	22.01
		1745 (132322)	23.56	23.13	22.06
		1717.5 (132047)	23.59	23.16	22.04
	1RB-Middle (37)	1772.5 (132597)	23.69	23.26	22.12
		1745 (132322)	23.65	23.22	22.09
		1717.5 (132047)	23.67	23.24	22.11
	1RB-Low (0)	1772.5 (132597)	23.56	23.13	22.01
		1745 (132322)	23.52	23.09	21.97
		1717.5 (132047)	23.50	23.07	21.96
	36RB-High (38)	1772.5 (132597)	23.08	22.04	21.19
		1745 (132322)	22.86	21.84	21.00
		1717.5 (132047)	23.21	22.16	21.30
	36RB-Middle (19)	1772.5 (132597)	23.19	22.14	21.28
		1745 (132322)	23.13	22.09	21.23
		1717.5 (132047)	23.20	22.15	21.29
	36RB-Low (0)	1772.5 (132597)	22.96	21.93	21.09
		1745 (132322)	22.98	21.94	21.10
		1717.5 (132047)	23.32	22.26	21.39
	75RB (0)	1772.5 (132597)	23.03	21.99	21.15
		1745 (132322)	22.95	21.92	21.08
		1717.5 (132047)	23.27	22.21	21.35
20MHz	1RB-High (99)	1770 (132572)	23.61	23.18	22.05
		1745 (132322)	23.61	23.18	22.10
		1720 (132072)	23.64	23.21	22.08
	1RB-Middle (50)	1770 (132572)	23.84	23.31	22.16
		1745 (132322)	23.70	23.27	22.13
		1720 (132072)	23.72	23.29	22.15
	1RB-Low (0)	1770 (132572)	23.61	23.18	22.05
		1745 (132322)	23.57	23.14	22.01
		1720 (132072)	23.55	23.12	22.00
	50RB-High (50)	1770 (132572)	23.13	22.08	21.23
		1745 (132322)	22.91	21.88	21.04
		1720 (132072)	23.26	22.20	21.34
	50RB-Middle (25)	1770 (132572)	23.24	22.18	21.32
		1745 (132322)	23.18	22.13	21.27
		1720 (132072)	23.25	22.19	21.33
	50RB-Low (0)	1770 (132572)	23.01	21.97	21.13
		1745 (132322)	23.03	21.98	21.14
		1720 (132072)	23.37	22.30	21.43
	100RB (0)	1770 (132572)	23.08	22.03	21.19
		1745 (132322)	23.00	21.96	21.12
		1720 (132072)	23.32	22.25	21.39

LTE B66(ANT1 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	21.15	21.18	21.22
		1745 (132322)	21.16	21.30	21.21
		1710.7 (131979)	21.03	21.04	21.18
	1RB-Middle (3)	1779.3 (132665)	21.14	21.20	21.18
		1745 (132322)	21.17	21.33	21.31
		1710.7 (131979)	21.06	21.15	21.15
	1RB-Low (0)	1779.3 (132665)	21.10	21.05	21.27
		1745 (132322)	21.17	21.17	21.38
		1710.7 (131979)	21.04	21.01	21.08
	3RB-High (3)	1779.3 (132665)	21.16	20.92	21.16
		1745 (132322)	21.17	20.88	21.16
		1710.7 (131979)	21.06	20.79	21.08
	3RB-Middle (1)	1779.3 (132665)	21.14	20.81	21.14
		1745 (132322)	21.20	20.87	21.15
		1710.7 (131979)	21.08	20.84	21.14
	3RB-Low (0)	1779.3 (132665)	21.11	20.90	21.16
		1745 (132322)	21.21	20.91	21.22
		1710.7 (131979)	21.05	20.83	21.03
	6RB (0)	1779.3 (132665)	21.16	20.94	21.06
		1745 (132322)	21.20	21.03	21.12
		1710.7 (131979)	21.09	20.85	20.95
3MHz	1RB-High (14)	1778.5 (132657)	21.14	21.14	21.27
		1745 (132322)	21.20	21.29	21.38
		1711.5 (131987)	21.00	21.07	21.06
	1RB-Middle (7)	1778.5 (132657)	21.22	21.29	21.25
		1745 (132322)	21.22	21.23	21.39
		1711.5 (131987)	21.08	21.03	21.25
	1RB-Low (0)	1778.5 (132657)	21.21	21.07	21.39
		1745 (132322)	21.16	21.13	21.27
		1711.5 (131987)	21.06	21.01	21.10
	8RB-High (7)	1778.5 (132657)	21.15	20.91	21.12
		1745 (132322)	21.15	20.98	21.18
		1711.5 (131987)	21.04	20.82	21.08
	8RB-Middle (4)	1778.5 (132657)	21.15	20.92	21.09
		1745 (132322)	21.18	20.92	21.13
		1711.5 (131987)	21.03	20.84	21.01
	8RB-Low (0)	1778.5 (132657)	21.17	21.02	21.15
		1745 (132322)	21.17	21.00	21.15
		1711.5 (131987)	21.08	20.88	21.06
	15RB (0)	1778.5 (132657)	21.11	20.91	21.08
		1745 (132322)	21.15	20.92	21.01
		1711.5 (131987)	21.08	20.83	20.96

5MHz	1RB-High (24)	1777.5 (132647)	21.22	21.13	21.24
		1745 (132322)	21.26	21.33	21.46
		1712.5 (131997)	21.06	21.18	21.12
	1RB-Middle (12)	1777.5 (132647)	21.26	21.17	21.37
		1745 (132322)	21.22	21.31	21.33
		1712.5 (131997)	21.11	21.04	21.18
	1RB-Low (0)	1777.5 (132647)	21.30	21.34	21.37
		1745 (132322)	21.18	21.26	21.27
		1712.5 (131997)	21.16	21.04	21.25
	12RB-High (13)	1777.5 (132647)	21.16	20.87	21.16
		1745 (132322)	21.21	20.87	21.12
		1712.5 (131997)	21.00	20.73	21.00
	12RB-Middle (6)	1777.5 (132647)	21.18	20.90	21.15
		1745 (132322)	21.22	20.90	21.12
		1712.5 (131997)	21.08	20.82	20.97
	12RB-Low (0)	1777.5 (132647)	21.17	20.92	21.15
		1745 (132322)	21.22	20.89	21.15
		1712.5 (131997)	21.09	20.75	21.00
	25RB (0)	1777.5 (132647)	21.22	20.97	21.16
		1745 (132322)	21.14	20.90	21.13
		1712.5 (131997)	21.04	20.78	20.97
10MHz	1RB-High (49)	1775 (132622)	21.22	21.23	21.26
		1745 (132322)	21.26	21.37	21.31
		1715 (132022)	21.10	21.00	21.16
	1RB-Middle (24)	1775 (132622)	21.27	21.31	21.24
		1745 (132322)	21.27	21.23	21.24
		1715 (132022)	21.06	21.11	21.18
	1RB-Low (0)	1775 (132622)	21.30	21.33	21.27
		1745 (132322)	21.22	21.20	21.28
		1715 (132022)	21.12	21.13	21.14
	25RB-High (25)	1775 (132622)	21.28	21.03	21.19
		1745 (132322)	21.23	20.95	21.27
		1715 (132022)	21.08	20.82	20.96
	25RB-Middle (12)	1775 (132622)	21.26	21.02	21.18
		1745 (132322)	21.21	20.96	21.18
		1715 (132022)	21.08	20.75	20.97
	25RB-Low (0)	1775 (132622)	21.20	20.94	21.09
		1745 (132322)	21.14	20.94	21.09
		1715 (132022)	21.08	20.77	21.04
	50RB (0)	1775 (132622)	21.22	21.01	21.15
		1745 (132322)	21.30	21.01	21.15
		1715 (132022)	21.12	20.77	20.95

15MHz	1RB-High (74)	1772.5 (132597)	21.11	21.18	21.09
		1745 (132322)	21.15	21.22	21.27
		1717.5 (132047)	21.02	21.15	21.02
	1RB-Middle (37)	1772.5 (132597)	21.22	21.26	21.28
		1745 (132322)	21.18	21.24	21.22
		1717.5 (132047)	21.06	21.10	21.08
	1RB-Low (0)	1772.5 (132597)	21.20	21.16	21.26
		1745 (132322)	21.09	21.05	21.22
		1717.5 (132047)	21.02	21.02	21.14
	36RB-High (38)	1772.5 (132597)	21.26	20.94	21.19
		1745 (132322)	21.10	20.90	21.09
		1717.5 (132047)	21.09	20.82	21.04
	36RB-Middle (19)	1772.5 (132597)	21.22	20.88	21.13
		1745 (132322)	21.18	20.89	21.13
		1717.5 (132047)	20.96	20.69	20.92
	36RB-Low (0)	1772.5 (132597)	21.17	20.91	21.12
		1745 (132322)	21.16	20.87	21.16
		1717.5 (132047)	20.96	20.71	20.94
	75RB (0)	1772.5 (132597)	21.28	20.94	21.19
		1745 (132322)	21.21	20.83	21.06
		1717.5 (132047)	21.03	20.75	20.91
20MHz	1RB-High (99)	1770 (132572)	21.19	21.11	21.19
		1745 (132322)	21.09	21.11	21.27
		1720 (132072)	21.00	20.94	21.01
	1RB-Middle (50)	1770 (132572)	21.06	21.17	21.32
		1745 (132322)	21.08	21.13	21.25
		1720 (132072)	21.04	21.09	21.08
	1RB-Low (0)	1770 (132572)	21.18	21.27	21.26
		1745 (132322)	21.05	21.18	21.15
		1720 (132072)	20.97	21.02	21.02
	50RB-High (50)	1770 (132572)	21.40	21.01	21.24
		1745 (132322)	21.28	20.91	21.16
		1720 (132072)	21.18	20.73	20.89
	50RB-Middle (25)	1770 (132572)	21.34	21.02	21.19
		1745 (132322)	21.21	20.96	21.16
		1720 (132072)	21.00	20.75	20.94
	50RB-Low (0)	1770 (132572)	21.34	21.00	21.25
		1745 (132322)	21.20	20.88	21.08
		1720 (132072)	21.08	20.81	20.91
	100RB (0)	1770 (132572)	21.24	20.96	21.21
		1745 (132322)	21.23	20.92	21.08
		1720 (132072)	20.93	20.71	20.89

LTE B71(ANT0 DSI 0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	695.5 (133447)	24.33	23.52	22.47
		680.5 (133297)	24.37	23.62	22.51
		665.5 (133147)	24.42	23.62	22.45
	1RB-Middle (12)	695.5 (133447)	24.27	23.56	22.44
		680.5 (133297)	24.50	23.65	22.53
		665.5 (133147)	24.55	23.73	22.66
	1RB-Low (0)	695.5 (133447)	24.41	23.59	22.56
		680.5 (133297)	24.43	23.56	22.52
		665.5 (133147)	24.55	23.69	22.63
	12RB-High (13)	695.5 (133447)	23.29	22.34	21.30
		680.5 (133297)	23.33	22.38	21.35
		665.5 (133147)	23.45	22.37	21.41
	12RB-Middle (6)	695.5 (133447)	23.30	22.33	21.30
		680.5 (133297)	23.39	22.38	21.31
		665.5 (133147)	23.47	22.44	21.49
	12RB-Low (0)	695.5 (133447)	23.39	22.38	21.44
		680.5 (133297)	23.41	22.43	21.48
		665.5 (133147)	23.51	22.50	21.47
	25RB (0)	695.5 (133447)	23.33	22.36	21.31
		680.5 (133297)	23.40	22.40	21.42
		665.5 (133147)	23.45	22.48	21.44
10MHz	1RB-High (49)	693 (132422)	24.42	23.60	22.42
		680.5 (133297)	24.46	23.64	22.54
		668 (133172)	24.47	23.74	22.56
	1RB-Middle (24)	693 (132422)	24.54	23.82	22.57
		680.5 (133297)	24.58	23.70	22.65
		668 (133172)	24.54	23.73	22.60
	1RB-Low (0)	693 (132422)	24.48	23.77	22.50
		680.5 (133297)	24.49	23.68	22.52
		668 (133172)	24.64	23.75	22.59
	25RB-High (25)	693 (132422)	23.52	22.45	21.41
		680.5 (133297)	23.51	22.48	21.41
		668 (133172)	23.52	22.53	21.45
	25RB-Middle (12)	693 (132422)	23.45	22.48	21.39
		680.5 (133297)	23.48	22.44	21.42
		668 (133172)	23.52	22.47	21.45
	25RB-Low (0)	693 (132422)	23.53	22.56	21.45
		680.5 (133297)	23.53	22.49	21.49
		668 (133172)	23.53	22.55	21.46
	50RB (0)	693 (132422)	23.59	22.52	21.42
		680.5 (133297)	23.61	22.45	21.45
		668 (133172)	23.56	22.57	21.45

15MHz	1RB-High (74)	690.5 (133397)	24.27	23.50	22.37
		680.5 (133297)	24.30	23.47	22.38
		670.5 (133197)	24.35	23.55	22.45
	1RB-Middle (37)	690.5 (133397)	24.40	23.58	22.49
		680.5 (133297)	24.47	23.67	22.59
		670.5 (133197)	24.52	23.73	22.63
	1RB-Low (0)	690.5 (133397)	24.42	23.65	22.54
		680.5 (133297)	24.46	23.67	22.53
		670.5 (133197)	24.55	23.68	22.58
	36RB-High (38)	690.5 (133397)	23.32	22.26	21.32
		680.5 (133297)	23.38	22.41	21.44
		670.5 (133197)	23.39	22.34	21.42
	36RB-Middle (19)	690.5 (133397)	23.36	22.34	21.40
		680.5 (133297)	23.41	22.42	21.42
		670.5 (133197)	23.41	22.45	21.43
	36RB-Low (0)	690.5 (133397)	23.35	22.30	21.33
		680.5 (133297)	23.46	22.48	21.43
		670.5 (133197)	23.44	22.46	21.43
	75RB (0)	690.5 (133397)	23.38	22.34	21.26
		680.5 (133297)	23.47	22.39	21.39
		670.5 (133197)	23.42	22.35	21.36
20MHz	1RB-High (99)	688 (133372)	24.53	23.69	22.58
		683 (133322)	24.43	22.62	22.53
		673 (133222)	24.47	23.66	22.63
	1RB-Middle (50)	688 (133372)	24.59	23.76	22.70
		683 (133322)	24.58	22.61	22.65
		673 (133222)	24.63	23.77	22.63
	1RB-Low (0)	688 (133372)	24.70	23.81	22.78
		683 (133322)	24.63	22.65	22.73
		673 (133222)	24.68	23.91	22.75
	50RB-High (50)	688 (133372)	23.51	22.44	21.44
		683 (133322)	23.53	22.48	21.48
		673 (133222)	23.52	22.58	21.50
	50RB-Middle (25)	688 (133372)	23.56	22.56	21.56
		683 (133322)	23.58	22.59	21.54
		673 (133222)	23.63	22.64	21.57
	50RB-Low (0)	688 (133372)	23.63	22.55	21.50
		683 (133322)	23.77	22.70	21.72
		673 (133222)	23.61	22.61	21.51
	100RB (0)	688 (133372)	23.56	22.45	21.48
		683 (133322)	23.64	22.62	21.54
		673 (133222)	23.51	22.54	21.56

LTE Carrier Aggregation Conducted Power (Uplink)

41C ANT4 DSI0

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwidth	channel	RB	RB OFFSET	SCC Bandwidth	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	24.50	23.22
CA 41C	20M	39750	1	99	20M	39948	1	0	24.50	23.11
CA 41C	20M	39750	1	99	15M	39921	1	0	24.50	23.20
CA 41C	20M	39750	1	99	10M	39894	1	0	24.50	23.17
CA 41C	15M	39725	1	74	10M	39845	1	0	24.50	23.22
CA 41C	20M	41490	1	0	20M	41292	1	99	24.50	23.44
CA 41C	20M	41490	1	0	15M	41319	1	74	24.50	23.51
CA 41C	20M	41490	1	0	10M	41346	1	49	24.50	23.46
CA 41C	20M	41490	1	0	5M	41373	1	24	24.50	23.52
CA 41C	15M	41515	1	0	15M	41365	1	74	24.50	23.51
CA 41C	15M	41515	1	0	10M	41395	1	49	24.50	23.37

41C ANT4 DSI1/2

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwidth	channel	RB	RB OFFSET	SCC Bandwidth	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	21.00	19.40
CA 41C	20M	39750	1	99	20M	39948	1	0	21.00	19.31
CA 41C	20M	39750	1	99	15M	39921	1	0	21.00	19.38
CA 41C	20M	39750	1	99	10M	39894	1	0	21.00	19.36
CA 41C	15M	39725	1	74	10M	39845	1	0	21.00	19.40
CA 41C	20M	41490	1	0	20M	41292	1	99	21.00	19.58
CA 41C	20M	41490	1	0	15M	41319	1	74	21.00	19.64
CA 41C	20M	41490	1	0	10M	41346	1	49	21.00	19.60
CA 41C	20M	41490	1	0	5M	41373	1	24	21.00	19.67
CA 41C	15M	41515	1	0	15M	41365	1	74	21.00	19.61
CA 41C	15M	41515	1	0	10M	41395	1	49	21.00	19.52

LTE Carrier Aggregation Conducted Power (Downlink)

Uplink maximum output power is measured with downlink carrier aggregation active, using the channel with highest measured maximum output power when downlink carrier aggregation is inactive. SAR test is not required since maximum output power when downlink carrier aggregation active is not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive.

DSi0

DL LTE CA Class	PCC							SCC1			Power		
	PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC DL RB size	PCC DL RB offset	PCC UL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTETx Power(dBm)	Rel 10 DL LTE CA Tx Power(dBm)	Tune-up
CA_2A-2A	2	10	1	0	1	50	19150	2	20	700	24.73	24.15	25.5
CA_2A-4A	2	5	1	12	1	25	18900	4	20	2175	24.79	24.28	25.5
CA_2A-5A	2	5	1	12	1	25	18900	5	10	2525	24.79	24.16	25.5
CA_2A-7A	2	5	1	12	1	25	18900	7	20	3100	24.79	24.01	25.5
CA_2A-12A	2	5	1	12	1	25	18900	12	10	5095	24.79	24.18	25.5
CA_2A-13A	2	5	1	12	1	25	18900	13	10	5230	24.79	24.24	25.5
CA_2A-14A	2	5	1	12	1	25	18900	14	10	5330	24.79	24.26	25.5
CA_2A-29A	2	5	1	12	1	25	18900	29	10	9715	24.79	24.15	25.5
CA_2A-30A	2	5	1	12	1	25	18900	30	10	9820	24.79	24.22	25.5
CA_2A-48A	2	5	1	12	1	25	18900	48	20	55990	24.79	24.16	25.5
CA_2A-66A	2	5	1	12	1	25	18900	66	20	66786	24.79	24.11	25.5
CA_2A-71A	2	5	1	12	1	25	18900	71	20	68786	24.79	24.33	25.5
CA_2C	2	20	1	50	1	100	19100	2	20	902	24.67	24.09	25.5
CA_4A-4A	4	5	1	0	1	25	20375	4	20	2050	24.81	24.33	25.5
CA_4A-5A	4	5	1	0	1	25	20375	5	10	2525	24.63	24.15	25.5
CA_4A-7A	4	5	1	0	1	25	20375	7	20	3100	24.63	24.22	25.5
CA_4A-14A	4	5	1	0	1	25	20375	12	10	5095	24.63	24.19	25.5
CA_4A-13A	4	5	1	0	1	25	20375	13	10	5230	24.63	24.14	25.5
CA_4A-29A	4	5	1	0	1	25	20375	29	10	9715	24.63	24.09	25.5
CA_4A-30A	4	5	1	0	1	25	20375	30	10	9820	24.63	24.37	25.5
CA_4A-48A	4	5	1	0	1	25	20375	48	20	55990	24.63	24.14	25.5
CA_4A-71A	4	5	1	0	1	25	20375	71	20	68786	24.63	24.01	25.5
CA_5A-5A	5	10	1	49	1	50	20600	5	10	2450	24.85	24.39	25.5
CA_5A-7A	5	10	1	49	1	50	20600	7	20	3100	24.85	24.18	25.5
CA_5A-25A	5	10	1	49	1	50	20600	25	20	8365	24.85	24.11	25.5
CA_5A-30A	5	10	1	49	1	50	20600	30	10	9820	24.85	24.31	25.5
CA_5A-41A	5	10	1	49	1	50	20600	41	20	40620	24.85	24.29	25.5
CA_5A-48A	5	10	1	49	1	50	20600	48	20	55990	24.85	24.17	25.5
CA_5A-66A	5	10	1	49	1	50	20600	66	20	66786	24.85	24.06	25.5
CA_5B	5	10	1	49	1	50	20600	5	10	2501	24.85	24.25	25.5
CA_7A-7A	7	20	1	50	1	100	21350	7	20	3000	24.23	24.09	24.5
CA_7A-12A	7	20	1	50	1	100	21350	12	10	5095	24.23	24.01	24.5
CA_7A-13A	7	20	1	50	1	100	21350	13	10	5230	24.23	24.13	24.5
CA_7A-29A	7	20	1	50	1	100	21350	29	10	9715	24.23	24.09	24.5
CA_7A-66A	7	20	1	50	1	100	21350	66	20	66786	24.23	24.08	24.5
CA_7C	7	20	1	50	1	100	21350	7	20	3152	24.23	23.91	24.5
CA_12A-25A	12	5	1	12	1	25	23035	25	20	8365	24.87	24.29	25.5
CA_12A-30A	12	5	1	12	1	25	20600	30	10	9820	24.87	24.41	25.5
CA_12A-48A	12	5	1	12	1	25	20600	48	20	55990	24.87	24.37	25.5
CA_12A-66A	12	5	1	12	1	25	20600	66	20	66786	24.87	24.38	25.5
CA_12B	12	10	1	24	1	50	23130	12	10	5058	24.75	24.31	25.5
CA_13A-48A	13	5	1	0	1	25	23205	48	20	55990	24.55	24.11	25.5
CA_13A-66A	13	5	1	0	1	25	23205	66	20	66786	24.55	24.08	25.5
CA_14A-30A	14	5	1	12	1	25	23305	30	10	9820	24.84	24.41	25.5
CA_13A-66A	14	5	1	12	1	25	23305	66	20	66786	24.84	24.36	25.5
CA_25A-25A	25	20	1	50	1	100	26590	25	20	8140	24.81	24.38	25.5
CA_25A-26A	25	20	1	50	1	100	26590	26	15	8865	24.81	24.34	25.5
CA_25A-41A	25	20	1	50	1	100	26590	41	20	40620	24.83	24.28	25.5
CA_25A-41A	26	10	1	24	1	50	26990	41	20	40620	24.81	24.47	25.5
CA_30A-66A	30	5	1	12	1	25	27710	66	20	66786	25.45	4.11	25.5
CA_66A-66A	66	20	1	50	1	100	132572	66	20	66536	24.7	24.41	25.5
CA_66B	66	10	1	24	1	50	132622	66	20	66987	24.83	24.36	25.5
CA_66C	66	20	1	50	1	100	132572	66	20	66838	24.7	24.28	25.5
CA_66A-71A	66	10	1	24	1	50	132622	71	20	68786	24.72	24.33	25.5

DSI1

DL LTE CA Class	PCC							SCC1			Power		
	PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC DL RB size	PCC DL RB offset	PCC UL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTETx Power(dBm)	Rel 10 DL LTE CA Tx Power(dBm)	Tune-up
CA_2A-2A	2	10	25	0	1	50	19150	2	20	700	17.18	16.98	17.8
CA_2C	2	20	1	50	1	100	19100	2	20	902	17.1	16.82	17.8
CA_4A-4A	4	5	1	0	1	25	20375	4	20	2050	17.78	17.42	19
CA_25A-25A	25	10	1	24	1	50	26640	25	20	8140	17.17	16.74	17.5
CA_66A-66A	66	20	50	50	1	100	132572	66	20	66536	17.82	17.44	19
CA_66B	66	10	1	0	1	50	132622	66	20	66987	17.74	17.39	19
CA_66C	66	20	50	50	1	100	132572	66	20	66838	17.82	17.31	19

DSI2

DL LTE CA Class	PCC							SCC1			Power		
	PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC DL RB size	PCC DL RB offset	PCC UL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTETx Power(dBm)	Rel 10 DL LTE CA Tx Power(dBm)	Tune-up
CA_2A-2A	2	10	1	24	1	50	19150	2	20	700	21.57	21.19	21.8
CA_2A-4A	2	20	1	50	1	100	18900	4	20	2175	23.86	23.11	24.5
CA_2A-5A	2	20	1	50	1	100	18900	5	10	2525	23.86	22.96	24.5
CA_2A-7A	2	20	1	50	1	100	18900	7	20	3100	23.86	23.07	24.5
CA_2A-12A	2	20	1	50	1	100	18900	12	10	5095	23.86	23.09	24.5
CA_2A-13A	2	20	1	50	1	100	18900	13	10	5230	23.86	22.88	24.5
CA_2A-14A	2	20	1	50	1	100	18900	14	10	5330	23.86	22.94	24.5
CA_2A-29A	2	20	1	50	1	100	18900	29	10	9715	23.86	22.93	24.5
CA_2A-30A	2	20	1	50	1	100	18900	30	10	9820	23.86	22.87	24.5
CA_2A-48A	2	20	1	50	1	100	18900	48	20	55990	23.86	23.06	24.5
CA_2A-66A	2	20	1	50	1	100	18900	66	20	66786	23.86	23.19	24.5
CA_2A-71A	2	20	1	50	1	100	18900	71	20	68786	23.86	23.34	24.5
CA_2C	2	20	50	0	1	100	19100	2	20	902	21.54	21.23	21.8
CA_4A-4A	4	5	1	24	1	25	20375	4	20	2050	22.73	22.46	23.1
CA_4A-5A	4	20	50	50	1	100	20175	5	10	2525	21.11	21.03	22.5
CA_4A-7A	4	20	50	50	1	100	20175	7	20	3100	21.11	20.94	22.5
CA_4A-14A	4	20	50	50	1	100	20175	12	10	5095	21.11	20.89	22.5
CA_4A-13A	4	20	50	50	1	100	20175	13	10	5230	21.11	20.88	22.5
CA_4A-29A	4	20	50	50	1	100	20175	29	10	9715	21.11	20.97	22.5
CA_4A-30A	4	20	50	50	1	100	20175	30	10	9820	21.11	21.03	22.5
CA_4A-48A	4	20	50	50	1	100	20175	48	20	55990	21.11	21.01	22.5
CA_4A-71A	4	20	50	50	1	100	20175	71	20	68786	21.11	20.96	22.5
CA_7A-7A	7	20	50	0	1	100	21350	7	20	3000	18.62	18.27	19.2
CA_7A-12A	7	20	50	0	1	100	21350	12	10	5095	18.62	18.36	19.2
CA_7A-13A	7	20	50	0	1	100	21350	13	10	5230	18.62	18.34	19.2
CA_7A-29A	7	20	50	0	1	100	21350	29	10	9715	18.62	18.28	19.2
CA_7A-66A	7	20	50	0	1	100	21350	66	20	66786	18.62	18.22	19.2
CA_7C	7	20	50	0	1	100	21350	7	20	3152	18.62	18.31	19.2
CA_25A-25A	25	20	50	0	1	100	26590	25	20	8140	19.16	19.07	20.5
CA_25A-26A	25	20	1	50	1	100	26590	26	15	8865	23.87	23.44	24.5
CA_25A-41A	25	20	1	50	1	100	26590	41	20	40620	23.87	23.36	24.5
CA_30A-66A	30	10	1	0	1	50	27710	66	20	66786	21.86	21.47	23
CA_66A-66A	66	20	50	50	1	100	132572	66	20	66536	21.14	21.03	22.5
CA_66B	66	10	1	49	1	50	132622	66	20	66987	21.15	21.06	22.5
CA_66C	66	20	50	50	1	100	132572	66	20	66838	21.14	20.93	22.5
CA_66A-71A	66	20	1	50	1	100	132572	71	20	68786	23.84	23.29	24.5

11.4 5G NR Measurement result

N2(ANT4 DSI 0)

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.		
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	24.72
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.50	24.62
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	25.50	24.64
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	25.50	24.64
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	25.50	24.62

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1880	376000	25.50	24.70
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	24.50	23.63
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	23.00	22.11
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	21.00	20.30
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	24.00	23.13
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.50	22.71
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.00	21.11
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.00	18.19
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	24.50	23.58
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	24.50	23.59
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	24.57
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	25.50	24.59
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	24.48
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	25.50	24.61

N2(ANT4 DSI 1)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	17.50	16.28
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	17.50	16.35
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	17.50	16.25
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	17.50	16.27
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	17.50	16.28
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	17.50	16.25

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.		
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1880	376000	17.50	16.30
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	17.50	16.29
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	17.50	16.24
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	17.50	16.28
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	17.50	16.26
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	17.50	16.34
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	17.50	16.27
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	17.50	16.25
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	17.50	16.26
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	17.50	16.28
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	17.50	16.24
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	17.50	16.28
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	17.50	16.23
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	17.50	16.29
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	17.50	16.28
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	17.50	16.08
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	17.50	16.28

N2(ANT4 DSI 2)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	21.30	20.44
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	21.30	20.51
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	21.30	20.40
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	21.30	20.43
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	21.30	20.44
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	21.30	20.40

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.		
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1880	376000	21.30	20.45
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	21.30	20.43
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	21.30	20.53
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.50	20.11
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	21.30	20.43
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	21.30	20.50
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	21.30	20.49
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	18.50	17.97
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	21.30	20.38
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	21.30	20.38
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	21.30	20.36
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	21.30	20.39
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	21.30	20.38
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	21.30	20.37
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	21.30	20.41
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	21.30	20.24
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	21.30	20.41

N2(ANT4 DSI 3)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	14.80	13.31
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	14.80	13.38
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	14.80	13.29
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	14.80	13.30
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	14.80	13.32
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	14.80	13.28

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.		
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1880	376000	14.80	13.34
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	14.80	13.30
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	14.80	13.29
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	14.80	13.31
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	14.80	13.32
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	14.80	13.37
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	14.80	13.31
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	14.80	13.29
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	14.80	13.29
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	14.80	13.28
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	14.80	13.30
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	14.80	13.27
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	14.80	13.28
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	14.80	13.27
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	14.80	13.32
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	14.80	13.12
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	14.80	13.31

N2(ANT4 DSI 4)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	19.70	18.33
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	19.70	18.43
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	19.70	18.31
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	19.70	18.32
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	19.70	18.34
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	19.70	18.29

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.		
1	Middle	15	5	DFT-s-OFDM PVI2 BPSK1	Inner_Full	12_6	1880	376000	19.70	18.36
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	19.70	18.33
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	19.70	18.30
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.70	18.32
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	19.70	18.31
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	19.70	18.42
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	19.70	18.31
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.00	17.81
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	19.70	18.28
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	19.70	18.32
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	19.70	18.31
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	19.70	18.29
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	19.70	18.31
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	19.70	18.30
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	19.70	18.34
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	19.70	18.15
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	19.70	18.32

N2(ANT1 DSI 0)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	25.50	24.89
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	25.50	24.94
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.50	24.92
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	25.50	24.90
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	25.50	24.93
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	25.50	24.91

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.		
1	Middle	15	5	DFT-s-OFDM PVI2 BPSK1	Inner_Full	12_6	1880	376000	25.50	24.92
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	24.50	23.83
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	23.00	22.35
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	21.00	20.38
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	24.00	23.36
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.50	22.80
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.00	21.33
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.00	18.38
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	24.50	23.80
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	24.50	23.81
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	24.50	23.85
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	24.50	23.86
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	25.50	24.91
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	25.50	24.89
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	24.50	23.79
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	25.50	24.88
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	25.50	24.91

N2(ANT1 DSI 2)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	24.50	23.29
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	24.50	23.42
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	24.50	23.31
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	24.50	23.34
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	24.50	23.32
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	24.50	23.33

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.		
1	Middle	15	5	DFT-s-OFDM P12 BPSK1	Inner_Full	12_6	1880	376000	24.50	23.50
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	24.50	23.51
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	23.00	22.11
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	21.00	20.12
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	24.00	22.94
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.50	22.68
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.00	21.06
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.00	18.01
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	24.50	23.33
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	24.50	23.31
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	24.50	23.29
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	24.50	23.29
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	24.50	23.28
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	24.50	23.29
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	24.50	23.35
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	24.50	23.18
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	24.50	23.35

N2(ANT1 DSI 4)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	23.90	22.32
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	23.90	22.44
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	23.90	22.33
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	23.90	22.36
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	23.90	22.34
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	23.90	22.35

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.		
1	Middle	15	5	DFT-s-OFDM P12 BPSK1	Inner_Full	12_6	1880	376000	23.90	22.34
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.90	22.37
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	23.00	22.36
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	21.00	20.38
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	23.90	22.36
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.50	22.43
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.00	21.38
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.00	18.36
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	23.90	22.35
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	23.90	22.33
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	23.90	22.32
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	23.90	22.32
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	23.90	22.31
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	23.90	22.32
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	23.90	22.37
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	23.90	22.21
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	23.90	22.37

N5(ANT0 DSI 0)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	846.5	169300	25.50	24.72
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	836.5	167300	25.50	24.73
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	826.5	165300	25.50	24.65
4	High	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	839	167800	25.50	24.72
5	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	836.5	167300	25.50	24.71
6	Low	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	834	166800	25.50	24.71

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

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner Full	12 6	836.5	167300	25.50	24.71
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	836.5	167300	24.50	23.71
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	836.5	167300	23.00	22.34
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	836.5	167300	21.00	20.39
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	836.5	167300	24.00	23.38
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	836.5	167300	23.50	22.94
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	836.5	167300	22.00	21.38
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	836.5	167300	19.00	18.29
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	836.5	167300	24.50	23.65
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	836.5	167300	24.50	23.66
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	836.5	167300	24.50	23.63
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	836.5	167300	24.50	23.61
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	836.5	167300	25.50	24.61
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	836.5	167300	25.50	24.60
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	836.5	167300	24.50	23.67
17	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	836.5	167300	25.50	24.54
20	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	836.5	167300	25.50	24.68

N25(ANT4 DSI 0)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1912.5	382500	25.50	24.59
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1882.5	376500	25.50	24.63
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1852.5	370500	25.50	24.62
4	High	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	1905	381000	25.50	24.60
5	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	1882.5	376500	25.50	24.56
6	Low	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	1860	372000	25.50	24.53

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

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner Full	12 6	1852.5	370500	25.50	24.61
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	1852.5	370500	24.50	23.58
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	1852.5	370500	23.00	22.04
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	1852.5	370500	21.00	20.20
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	1852.5	370500	24.00	23.07
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	1852.5	370500	23.50	22.66
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	1852.5	370500	22.00	21.06
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	1852.5	370500	19.00	18.10
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	1852.5	370500	24.50	23.51
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	1852.5	370500	24.50	23.48
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	1852.5	370500	24.50	23.50
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	1852.5	370500	24.50	23.49
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	1852.5	370500	25.50	24.52
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	1852.5	370500	25.50	24.47
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	1852.5	370500	24.50	23.45
14	High	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	1910	382000	25.50	24.36
15	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	1882.5	376500	25.50	24.38
16	Low	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	1855	371000	25.50	24.51
17	High	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	1907.5	381500	25.50	24.56
18	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	1882.5	376500	25.50	24.59
19	Low	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	1857.5	371500	25.50	24.50

N25(ANT4 DSI 1)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	17.30	16.52
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	17.30	16.43
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	17.30	16.48
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1905	381000	17.30	16.48
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	17.30	16.46
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	17.30	16.44

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

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	15	5	DFT-s-OFDM PVI2 BPSK1	Inner_Full	12_6	1912.5	382500	17.30	16.48
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1912.5	382500	17.30	16.45
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1912.5	382500	17.30	16.42
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1912.5	382500	17.30	16.44
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1912.5	382500	17.30	16.43
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1912.5	382500	17.30	16.51
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1912.5	382500	17.30	16.43
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1912.5	382500	17.30	16.42
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1912.5	382500	17.30	16.42
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1912.5	382500	17.30	16.49
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1912.5	382500	17.30	16.43
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1912.5	382500	17.30	16.49
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1912.5	382500	17.30	16.43
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1912.5	382500	17.30	16.48
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1912.5	382500	17.30	16.42
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	17.30	16.22
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	17.30	16.44

N25(ANT4 DSI 2)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	20.50	18.87
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	20.50	18.77
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	20.50	18.82
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1905	381000	20.50	18.82
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	20.50	18.80
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	20.50	18.78

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

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	15	5	DFT-s-OFDM PVI2 BPSK1	Inner_Full	12_6	1912.5	382500	20.50	18.82
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1912.5	382500	20.50	18.79
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1912.5	382500	20.50	18.76
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1912.5	382500	20.50	18.78
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1912.5	382500	20.50	18.77
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1912.5	382500	20.50	18.86
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1912.5	382500	20.50	18.77
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1912.5	382500	19.00	18.76
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1912.5	382500	20.50	18.76
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1912.5	382500	20.50	18.84
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1912.5	382500	20.50	18.77
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1912.5	382500	20.50	18.84
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1912.5	382500	20.50	18.77
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1912.5	382500	20.50	18.82
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1912.5	382500	20.50	18.76
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	20.50	18.53
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	20.50	18.78

N25(ANT4 DSI 3)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	15.30	13.83
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	15.30	13.75
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	15.30	13.80
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1905	381000	15.30	13.80
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	15.30	13.78
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	15.30	13.76

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

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	15	5	DFT-s-OFDM PVI2 BPSK1	Inner_Full	12_6	1912.5	382500	15.30	13.80
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1912.5	382500	15.30	13.77
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1912.5	382500	15.30	13.75
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1912.5	382500	15.30	13.76
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1912.5	382500	15.30	13.75
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1912.5	382500	15.30	13.82
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1912.5	382500	15.30	13.75
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1912.5	382500	15.30	13.75
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1912.5	382500	15.30	13.75
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1912.5	382500	15.30	13.80
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1912.5	382500	15.30	13.75
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1912.5	382500	15.30	13.80
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1912.5	382500	15.30	13.75
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1912.5	382500	15.30	13.80
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1912.5	382500	15.30	13.75
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	15.30	13.58
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	15.30	13.76

N25(ANT4 DSI 4)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	18.00	16.86
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	18.00	16.77
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	18.00	16.82
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1905	381000	18.00	16.82
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	18.00	16.80
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	18.00	16.78

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

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	15	5	DFT-s-OFDM PVI2 BPSK1	Inner_Full	12_6	1912.5	382500	18.00	16.82
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1912.5	382500	18.00	16.79
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1912.5	382500	18.00	16.76
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1912.5	382500	18.00	16.78
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1912.5	382500	18.00	16.77
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1912.5	382500	18.00	16.85
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1912.5	382500	18.00	16.77
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1912.5	382500	18.00	16.76
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1912.5	382500	18.00	16.76
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1912.5	382500	18.00	16.83
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1912.5	382500	18.00	16.77
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1912.5	382500	18.00	16.83
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1912.5	382500	18.00	16.77
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1912.5	382500	18.00	16.82
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1912.5	382500	18.00	16.76
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	18.00	16.56
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	18.00	16.78

N25(ANT1 DSI 0)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	25.50	24.82
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	25.50	24.81
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.50	24.84
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1905	381000	25.50	24.80
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	25.50	24.82
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	25.50	24.83

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

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1852.5	370500	25.50	24.80
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1852.5	370500	24.50	23.80
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1852.5	370500	23.00	22.31
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1852.5	370500	21.00	20.35
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1852.5	370500	24.00	23.33
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1852.5	370500	23.50	22.79
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1852.5	370500	22.00	21.35
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1852.5	370500	19.00	18.38
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1852.5	370500	24.50	23.82
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1852.5	370500	24.50	23.78
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1852.5	370500	24.50	23.83
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1852.5	370500	24.50	23.79
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1852.5	370500	25.50	24.81
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1852.5	370500	25.50	24.82
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1852.5	370500	24.50	23.80
14	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1910	382000	25.50	24.83
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	25.50	24.79
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1855	371000	25.50	24.78
17	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1907.5	381500	25.50	24.82
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	25.50	24.80
19	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1857.5	371500	25.50	24.81

N25(ANT1 DSI 2)

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.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	24.50	23.37
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	24.50	23.40
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	24.50	23.35
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1905	381000	24.50	23.35
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	24.50	23.37
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	24.50	23.36

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

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1882.5	376500	24.50	23.38
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	24.50	23.30
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	23.00	22.04
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	21.00	19.04
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1882.5	376500	24.50	22.84
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	23.50	22.62
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	22.00	21.06
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	19.00	17.93
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1882.5	376500	24.50	23.37
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	24.50	23.34
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1882.5	376500	24.50	23.33
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	24.50	23.32
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1882.5	376500	24.50	23.32
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	24.50	23.31
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1882.5	376500	24.50	23.38
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	24.50	23.22
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	24.50	23.37

N25(ANT1 DSI 4)

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	23.30
2	Middle	15	5	DFT-s-OFDM QPSK	Inner	Full	12 6	1882.5	376500	23.50
3	Low	15	5	DFT-s-OFDM QPSK	Inner	Full	12 6	1852.5	370500	23.50
4	High	15	20	DFT-s-OFDM QPSK	Inner	Full	50 25	1905	381000	23.50
5	Middle	15	20	DFT-s-OFDM QPSK	Inner	Full	50 25	1882.5	376500	23.50
6	Low	15	20	DFT-s-OFDM QPSK	Inner	Full	50 25	1860	372000	23.50

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

No.	Test Freq Description	5G-n25							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n25
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner	Full	12 6	1882.5	376500	23.50
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner	Full	12 6	1882.5	376500	23.50
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner	Full	12 6	1882.5	376500	23.00
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner	Full	12 6	1882.5	376500	21.00
5	Middle	15	5	CP-OFDM QPSK	Inner	Full	12 6	1882.5	376500	23.50
6	Middle	15	5	CP-OFDM 16QAM	Inner	Full	12 6	1882.5	376500	23.50
7	Middle	15	5	CP-OFDM 64QAM	Inner	Full	12 6	1882.5	376500	22.00
8	Middle	15	5	CP-OFDM 256QAM	Inner	Full	12 6	1882.5	376500	19.00
9	Middle	15	5	DFT-s-OFDM QPSK	Edge	Full Right	2 23	1882.5	376500	23.50
10	Middle	15	5	DFT-s-OFDM QPSK	Edge	Full Left	2 0	1882.5	376500	23.50
11	Middle	15	5	DFT-s-OFDM QPSK	Edge	1RB Right	1 24	1882.5	376500	23.50
12	Middle	15	5	DFT-s-OFDM QPSK	Edge	1RB Left	1 0	1882.5	376500	23.50
13	Middle	15	5	DFT-s-OFDM QPSK	Inner	1RB Right	1 23	1882.5	376500	23.50
14	Middle	15	5	DFT-s-OFDM QPSK	Inner	1RB Left	1 1	1882.5	376500	23.50
15	Middle	15	5	DFT-s-OFDM QPSK	Outer	Full	25 0	1882.5	376500	23.50
15	Middle	15	10	DFT-s-OFDM QPSK	Inner	Full	25 12	1882.5	376500	23.50
18	Middle	15	15	DFT-s-OFDM QPSK	Inner	Full	36 18	1882.5	376500	23.50

N41 PC2(ANT4 DSI 0)

No.	Test Freq Description	5G-n41							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n41
1	High	30	20	DFT-s-OFDM QPSK	Inner	Full	25 12	2679.99	535998	28.00
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner	Full	25 12	2636.49	527298	28.00
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner	Full	25 12	2592.99	518598	28.00
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner	Full	25 12	2549.505	509901	28.00
5	Low	30	20	DFT-s-OFDM QPSK	Inner	Full	25 12	2506.02	501204	28.00
6	High	30	100	DFT-s-OFDM QPSK	Inner	Full	135 67	2640	528000	28.00
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner	Full	135 67	2616.495	523299	28.00
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner	Full	135 67	2592.99	518598	28.00
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner	Full	135 67	2569.5	513900	28.00
10	Low	30	100	DFT-s-OFDM QPSK	Inner	Full	135 67	2546.01	509202	28.00

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

No.	Test Freq Description	5G-n41							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n41
1	Middle1	30	100	DFT-s-OFDM P1/2 BPSK1	Inner	Full	135 67	2616.495	523299	28.00
2	Middle1	30	100	DFT-s-OFDM 16QAM	Inner	Full	135 67	2616.495	523299	27.00
3	Middle1	30	100	DFT-s-OFDM 64QAM	Inner	Full	135 67	2616.495	523299	25.50
4	Middle1	30	100	DFT-s-OFDM 256QAM	Inner	Full	135 67	2616.495	523299	23.50
5	Middle1	30	100	CP-OFDM QPSK	Inner	Full	135 67	2616.495	523299	26.50
6	Middle1	30	100	CP-OFDM 16QAM	Inner	Full	135 67	2616.495	523299	26.00
7	Middle1	30	100	CP-OFDM 64QAM	Inner	Full	135 67	2616.495	523299	24.50
8	Middle1	30	100	CP-OFDM 256QAM	Inner	Full	135 67	2616.495	523299	21.50
9	Middle1	30	100	DFT-s-OFDM QPSK	Edge	Full Right	2@271	2616.495	523299	24.50
10	Middle1	30	100	DFT-s-OFDM QPSK	Edge	Full Left	2 0	2616.495	523299	24.50
11	Middle1	30	100	DFT-s-OFDM QPSK	Edge	1RB Right	1@272	2616.495	523299	24.50
12	Middle1	30	100	DFT-s-OFDM QPSK	Edge	1RB Left	1 0	2616.495	523299	24.50
13	Middle1	30	100	DFT-s-OFDM QPSK	Inner	1RB Right	1@271	2616.495	523299	28.00
14	Middle1	30	100	DFT-s-OFDM QPSK	Inner	1RB Left	1 1	2616.495	523299	28.00
15	Middle1	30	100	DFT-s-OFDM QPSK	Outer	Full	270@0	2616.495	523299	27.00
18	Middle2	30	5	DFT-s-OFDM QPSK	Inner	Full	18 9	2592.99	518598	28.00
19	Middle2	30	10	DFT-s-OFDM QPSK	Inner	Full	25 12	2592.99	518598	28.00
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner	Full	36 18	2592.99	518598	28.00
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner	Full	50 25	2592.99	518598	28.00
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner	Full	64 32	2592.99	518598	28.00
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner	Full	81 40	2592.99	518598	28.00
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner	Full	108 54	2592.99	518598	28.00
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner	Full	120 60	2592.99	518598	28.00

N41 PC2(ANT4 DSI 1/4)

No.	Test Freq Description	5G-n41						Tune up	Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41	
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2679.99	535998	17.7	16.11
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2636.49	527298	17.7	16.16
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2592.99	518598	17.7	16.17
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2549.505	509901	17.7	16.20
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2506.02	501204	17.7	16.24
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2640	528000	17.7	16.20
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2616.495	523299	17.7	16.20
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2592.99	518598	17.7	16.19
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2569.5	513900	17.7	16.21
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2546.01	509202	17.7	16.23

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

No.	Test Freq Description	5G-n41						Tune up	Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41	
1	Middle1	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25 12	2506.02	501204	17.7	16.23
2	Middle1	30	20	DFT-s-OFDM 16QAM	Inner_Full	25 12	2506.02	501204	17.7	16.22
3	Middle1	30	20	DFT-s-OFDM 64QAM	Inner_Full	25 12	2506.02	501204	17.7	16.20
4	Middle1	30	20	DFT-s-OFDM 256QAM	Inner_Full	25 12	2506.02	501204	17.7	16.23
5	Middle1	30	20	CP-OFDM QPSK	Inner_Full	25 12	2506.02	501204	17.7	16.21
6	Middle1	30	20	CP-OFDM 16QAM	Inner_Full	25 12	2506.02	501204	17.7	16.23
7	Middle1	30	20	CP-OFDM 64QAM	Inner_Full	25 12	2506.02	501204	17.7	16.21
8	Middle1	30	20	CP-OFDM 256QAM	Inner_Full	25 12	2506.02	501204	17.7	16.22
9	Middle1	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2506.02	501204	17.7	16.14
10	Middle1	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2 0	2506.02	501204	17.7	16.21
11	Middle1	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2506.02	501204	17.7	16.11
12	Middle1	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1 0	2506.02	501204	17.7	16.18
13	Middle1	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2506.02	501204	17.7	16.10
14	Middle1	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1 1	2506.02	501204	17.7	16.18
15	Middle1	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2506.02	501204	17.7	16.21
18	Middle2	30	5	DFT-s-OFDM QPSK	Inner_Full	18 9	2592.99	518598	17.7	16.18
19	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	25 12	2592.99	518598	17.7	16.15
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36 18	2592.99	518598	17.7	16.22
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50 25	2592.99	518598	17.7	16.20
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64 32	2592.99	518598	17.7	16.21
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81 40	2592.99	518598	17.7	16.19
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108 54	2592.99	518598	17.7	16.20
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120 60	2592.99	518598	17.7	16.20

N41 PC2(ANT4 DSI 2)

No.	Test Freq Description	5G-n41						Tune up	Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41	
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2679.99	535998	16.2	14.60
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2636.49	527298	16.2	14.65
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2592.99	518598	16.2	14.66
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2549.505	509901	16.2	14.68
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2506.02	501204	16.2	14.72
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2640	528000	16.2	14.68
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2616.495	523299	16.2	14.68
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2592.99	518598	16.2	14.67
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2569.5	513900	16.2	14.69
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2546.01	509202	16.2	14.71

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

No.	Test Freq Description	5G-n41						Tune up	Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41	
1	Middle1	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25 12	2506.02	501204	16.2	14.71
2	Middle1	30	20	DFT-s-OFDM 16QAM	Inner_Full	25 12	2506.02	501204	16.2	14.70
3	Middle1	30	20	DFT-s-OFDM 64QAM	Inner_Full	25 12	2506.02	501204	16.2	14.68
4	Middle1	30	20	DFT-s-OFDM 256QAM	Inner_Full	25 12	2506.02	501204	16.2	14.71
5	Middle1	30	20	CP-OFDM QPSK	Inner_Full	25 12	2506.02	501204	16.2	14.69
6	Middle1	30	20	CP-OFDM 16QAM	Inner_Full	25 12	2506.02	501204	16.2	14.71
7	Middle1	30	20	CP-OFDM 64QAM	Inner_Full	25 12	2506.02	501204	16.2	14.69
8	Middle1	30	20	CP-OFDM 256QAM	Inner_Full	25 12	2506.02	501204	16.2	14.71
9	Middle1	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2506.02	501204	16.2	14.63
10	Middle1	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2 0	2506.02	501204	16.2	14.69
11	Middle1	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2506.02	501204	16.2	14.60
12	Middle1	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1 0	2506.02	501204	16.2	14.67
13	Middle1	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2506.02	501204	16.2	14.59
14	Middle1	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1 1	2506.02	501204	16.2	14.67
15	Middle1	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2506.02	501204	16.2	14.69
18	Middle2	30	5	DFT-s-OFDM QPSK	Inner_Full	18 9	2592.99	518598	16.2	14.65
19	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	25 12	2592.99	518598	16.2	14.61
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36 18	2592.99	518598	16.2	14.70
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50 25	2592.99	518598	16.2	14.68
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64 32	2592.99	518598	16.2	14.69
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81 40	2592.99	518598	16.2	14.67
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108 54	2592.99	518598	16.2	14.68
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120 60	2592.99	518598	16.2	14.68

N41 PC2(ANT4 DSI 3)

No.	Test Freq Description	5G-n41							Power Results (dBm)
		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	2679.99	535998	19.7
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2636.49	527298	19.7
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2592.99	518598	19.7
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2549.505	509901	19.7
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2506.02	501204	19.7
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2640	528000	19.7
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2616.495	523299	19.7
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2592.99	518598	19.7
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2569.5	513900	19.7
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2546.01	509202	19.7

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

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle1	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25 12	2506.02	501204	19.7
2	Middle1	30	20	DFT-s-OFDM 16QAM	Inner_Full	25 12	2506.02	501204	19.7
3	Middle1	30	20	DFT-s-OFDM 64QAM	Inner_Full	25 12	2506.02	501204	19.7
4	Middle1	30	20	DFT-s-OFDM 256QAM	Inner_Full	25 12	2506.02	501204	19.7
5	Middle1	30	20	CP-OFDM QPSK	Inner_Full	25 12	2506.02	501204	19.7
6	Middle1	30	20	CP-OFDM 16QAM	Inner_Full	25 12	2506.02	501204	19.7
7	Middle1	30	20	CP-OFDM 64QAM	Inner_Full	25 12	2506.02	501204	19.7
8	Middle1	30	20	CP-OFDM 256QAM	Inner_Full	25 12	2506.02	501204	19.7
9	Middle1	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2506.02	501204	19.7
10	Middle1	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2 0	2506.02	501204	19.7
11	Middle1	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2506.02	501204	19.7
12	Middle1	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1 0	2506.02	501204	19.7
13	Middle1	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2506.02	501204	19.7
14	Middle1	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1 1	2506.02	501204	19.7
15	Middle1	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2506.02	501204	19.7
18	Middle2	30	5	DFT-s-OFDM QPSK	Inner_Full	18 9	2592.99	518598	19.7
19	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	25 12	2592.99	518598	19.7
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36 18	2592.99	518598	19.7
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50 25	2592.99	518598	19.7
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64 32	2592.99	518598	19.7
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81 40	2592.99	518598	19.7
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108 54	2592.99	518598	19.7
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120 60	2592.99	518598	19.7

N41 PC3(ANT4 DSI 0)

No.	Test Freq Description	5G-n41							Power Results (dBm)
		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	2679.99	535998	25.00
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2636.49	527298	25.00
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2592.99	518598	25.00
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2549.505	509901	25.00
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	2506.02	501204	25.00
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2640	528000	25.00
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2616.495	523299	25.00
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2592.99	518598	25.00
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2569.5	513900	25.00
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135 67	2546.01	509202	25.00

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

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle1	30	100	DFT-s-OFDM P1/2 BPSK1	Inner_Full	135 67	2616.495	523299	25.00
2	Middle1	30	100	DFT-s-OFDM 16QAM	Inner_Full	135 67	2616.495	523299	24.00
3	Middle1	30	100	DFT-s-OFDM 64QAM	Inner_Full	135 67	2616.495	523299	22.50
4	Middle1	30	100	DFT-s-OFDM 256QAM	Inner_Full	135 67	2616.495	523299	20.50
5	Middle1	30	100	CP-OFDM QPSK	Inner_Full	135 67	2616.495	523299	23.50
6	Middle1	30	100	CP-OFDM 16QAM	Inner_Full	135 67	2616.495	523299	23.00
7	Middle1	30	100	CP-OFDM 64QAM	Inner_Full	135 67	2616.495	523299	21.50
8	Middle1	30	100	CP-OFDM 256QAM	Inner_Full	135 67	2616.495	523299	18.50
9	Middle1	30	100	DFT-s-OFDM P1/2 BPSK1	Edge_Full_Right	2@271	2616.495	523299	24.00
10	Middle1	30	100	DFT-s-OFDM P1/2 BPSK1	Edge_Full_Left	2 0	2616.495	523299	24.00
11	Middle1	30	100	DFT-s-OFDM P1/2 BPSK1	Edge_1RB_Right	1@272	2616.495	523299	24.00
12	Middle1	30	100	DFT-s-OFDM P1/2 BPSK1	Edge_1RB_Left	1 0	2616.495	523299	24.00
13	Middle1	30	100	DFT-s-OFDM P1/2 BPSK1	Inner_1RB_Right	1@271	2616.495	523299	25.00
14	Middle1	30	100	DFT-s-OFDM P1/2 BPSK1	Inner_1RB_Left	1 1	2616.495	523299	25.00
15	Middle1	30	100	DFT-s-OFDM P1/2 BPSK1	Outer_Full	270@0	2616.495	523299	24.00
18	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	18 9	2592.99	518598	25.00
19	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	25 12	2592.99	518598	25.00
18	Middle2	30	30	DFT-s-OFDM P1/2 BPSK1	Inner_Full	36 18	2592.99	518598	25.00
19	Middle2	30	40	DFT-s-OFDM P1/2 BPSK1	Inner_Full	50 25	2592.99	518598	25.00
20	Middle2	30	50	DFT-s-OFDM P1/2 BPSK1	Inner_Full	64 32	2592.99	518598	25.00
21	Middle2	30	60	DFT-s-OFDM P1/2 BPSK1	Inner_Full	81 40	2592.99	518598	25.00
23	Middle2	30	80	DFT-s-OFDM P1/2 BPSK1	Inner_Full	108 54	2592.99	518598	25.00
24	Middle2	30	90	DFT-s-OFDM P1/2 BPSK1	Inner_Full	120 60	2592.99	518598	25.00

N48(ANT5 DSI 0)

No.	Test Freq Descripti on	5G-n48							Tune up	Power Results (dBm) n48
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	25.00	23.42
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	25.00	23.51
3	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	25.00	23.19
4	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3649.98	643332	25.00	23.09
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3624.99	641666	25.00	23.15
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3600	640000	25.00	23.22

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

No.	Test Freq Descripti on	5G-n48							Tune up	Power Results (dBm) n48
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Low	30	10	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	3555	637000	25.00	23.4
2	Low	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3555	637000	24.00	22.92
3	Low	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3555	637000	22.50	21.35
4	Low	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3555	637000	20.50	19.6
5	Low	30	10	CP-OFDM QPSK	Inner_Full	12_6	3555	637000	23.50	22.4
6	Low	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3555	637000	23.00	22.04
7	Low	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3555	637000	21.50	20.5
8	Low	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3555	637000	18.50	17.47
9	Low	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	1_23	3555	637000	24.00	22.8
10	Low	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	1_0	3555	637000	24.00	22.81
11	Low	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	2_22	3555	637000	24.00	22.91
12	Low	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	2_0	3555	637000	24.00	22.92
13	Low	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3555	637000	25.00	23.39
14	Low	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3555	637000	25.00	23.36
15	Low	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	3555	637000	24.00	22.94
18	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	25.00	23.32
18	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	25.00	23.21
18	Middle	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	25.00	23.16
18	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3624.99	641666	25.00	23.17
18	Middle	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3624.99	641666	25.00	23.15
18	Middle	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3624.99	641666	25.00	23.16
18	Middle	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3624.99	641666	25.00	23.15
18	Middle	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3624.99	641666	25.00	23.16

N48(ANT5 DSI 1)

No.	Test Freq Descripti on	5G-n48							Tune up	Power Results (dBm) n48
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	16.90	15.71
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	16.90	15.67
3	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	16.90	15.66
4	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3649.98	643332	16.90	15.66
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3624.99	641666	16.90	15.67
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3600	640000	16.90	15.68

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

No.	Test Freq Descripti on	5G-n48							Tune up	Power Results (dBm) n48
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Low	30	10	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	3555	637000	16.90	15.70
2	Low	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3555	637000	16.90	15.68
3	Low	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3555	637000	16.90	15.64
4	Low	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3555	637000	16.90	15.66
5	Low	30	10	CP-OFDM QPSK	Inner_Full	12_6	3555	637000	16.90	15.62
6	Low	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3555	637000	16.90	15.64
7	Low	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3555	637000	16.90	15.57
8	Low	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3555	637000	16.90	15.59
9	Low	30	10	CP-OFDM 16QAM	Edge_Full_Right	1_23	3555	637000	16.90	15.35
10	Low	30	10	CP-OFDM 16QAM	Edge_Full_Left	1_0	3555	637000	16.90	15.32
11	Low	30	10	CP-OFDM 16QAM	Edge_1RB_Right	2_22	3555	637000	16.90	15.52
12	Low	30	10	CP-OFDM 16QAM	Edge_1RB_Left	2_0	3555	637000	16.90	15.61
13	Low	30	10	CP-OFDM 16QAM	Inner_1RB_Right	1_22	3555	637000	16.90	15.35
14	Low	30	10	CP-OFDM 16QAM	Inner_1RB_Left	1_1	3555	637000	16.90	15.34
15	Low	30	10	CP-OFDM 16QAM	Outer_Full	24_0	3555	637000	16.90	15.65
18	Middle	30	15	CP-OFDM 16QAM	Inner_Full	18_9	3624.99	641666	16.90	15.53
18	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3624.99	641666	16.90	15.54
18	Middle	30	40	CP-OFDM 16QAM	Inner_Full	50@25	3624.99	641666	16.90	15.51
18	Middle	30	50	CP-OFDM 16QAM	Inner_Full	64@32	3624.99	641666	16.90	15.53
18	Middle	30	60	CP-OFDM 16QAM	Inner_Full	81@40	3624.99	641666	16.90	15.52
18	Middle	30	80	CP-OFDM 16QAM	Inner_Full	108@54	3624.99	641666	16.90	15.51
18	Middle	30	90	CP-OFDM 16QAM	Inner_Full	120@60	3624.99	641666	16.90	15.51

N48(ANT5 DSI 2)

No.	Test Freq Descripti on	5G-n48							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	18.51
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	18.29
3	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	18.22
4	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3649.98	643332	18.22
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3624.99	641666	18.26
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3600	640000	18.31

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

No.	Test Freq Descripti on	5G-n48							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Low	30	10	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	3555	637000	18.39
2	Low	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3555	637000	18.5
3	Low	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3555	637000	18.46
4	Low	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3555	637000	18.02
5	Low	30	10	CP-OFDM QPSK	Inner_Full	12_6	3555	637000	18.44
6	Low	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3555	637000	18.43
7	Low	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3555	637000	18.02
8	Low	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3555	637000	18.50
9	Low	30	10	CP-OFDM 16QAM	Edge_Full_Right	1_23	3555	637000	18.22
10	Low	30	10	CP-OFDM 16QAM	Edge_Full_Left	1_0	3555	637000	18.21
11	Low	30	10	CP-OFDM 16QAM	Edge_1RB_Right	2_22	3555	637000	18.12
12	Low	30	10	CP-OFDM 16QAM	Edge_1RB_Left	2_0	3555	637000	18.14
13	Low	30	10	CP-OFDM 16QAM	Inner_1RB_Right	1_22	3555	637000	18.42
14	Low	30	10	CP-OFDM 16QAM	Inner_1RB_Left	1_1	3555	637000	18.48
15	Low	30	10	CP-OFDM 16QAM	Outer_Full	24_0	3555	637000	18.14
18	Middle	30	15	CP-OFDM 16QAM	Inner_Full	18_9	3624.99	641666	18.31
18	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3624.99	641666	18.33
18	Middle	30	40	CP-OFDM 16QAM	Inner_Full	50@25	3624.99	641666	18.25
18	Middle	30	50	CP-OFDM 16QAM	Inner_Full	64@32	3624.99	641666	18.32
18	Middle	30	60	CP-OFDM 16QAM	Inner_Full	81@40	3624.99	641666	18.29
18	Middle	30	80	CP-OFDM 16QAM	Inner_Full	108@54	3624.99	641666	18.24
18	Middle	30	90	CP-OFDM 16QAM	Inner_Full	120@60	3624.99	641666	18.27

N48(ANT5 DSI 3)

No.	Test Freq Descripti on	5G-n48							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	14.36
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	14.18
3	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	14.08
4	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3649.98	643332	14.13
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3624.99	641666	14.16
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3600	640000	14.20

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

No.	Test Freq Descripti on	5G-n48							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Low	30	10	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	3555	637000	14.32
2	Low	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3555	637000	14.33
3	Low	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3555	637000	14.32
4	Low	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3555	637000	14.33
5	Low	30	10	CP-OFDM QPSK	Inner_Full	12_6	3555	637000	14.26
6	Low	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3555	637000	14.31
7	Low	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3555	637000	14.32
8	Low	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3555	637000	14.28
9	Low	30	10	CP-OFDM 16QAM	Edge_Full_Right	1_23	3555	637000	13.96
10	Low	30	10	CP-OFDM 16QAM	Edge_Full_Left	1_0	3555	637000	13.93
11	Low	30	10	CP-OFDM 16QAM	Edge_1RB_Right	2_22	3555	637000	14.25
12	Low	30	10	CP-OFDM 16QAM	Edge_1RB_Left	2_0	3555	637000	14.18
13	Low	30	10	CP-OFDM 16QAM	Inner_1RB_Right	1_22	3555	637000	13.97
14	Low	30	10	CP-OFDM 16QAM	Inner_1RB_Left	1_1	3555	637000	13.96
15	Low	30	10	CP-OFDM 16QAM	Outer_Full	24_0	3555	637000	14.34
18	Middle	30	15	CP-OFDM 16QAM	Inner_Full	18_9	3624.99	641666	14.16
18	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3624.99	641666	14.18
18	Middle	30	40	CP-OFDM 16QAM	Inner_Full	50@25	3624.99	641666	14.11
18	Middle	30	50	CP-OFDM 16QAM	Inner_Full	64@32	3624.99	641666	14.17
18	Middle	30	60	CP-OFDM 16QAM	Inner_Full	81@40	3624.99	641666	14.14
18	Middle	30	80	CP-OFDM 16QAM	Inner_Full	108@54	3624.99	641666	14.11
18	Middle	30	90	CP-OFDM 16QAM	Inner_Full	120@60	3624.99	641666	14.13

N48(ANT5 DSI 4)

No.	Test Freq Descripti on	5G-n48						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	18.50
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	18.50
3	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	18.50
4	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3649.98	643332	18.50
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3624.99	641666	18.50
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3600	640000	18.50

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

No.	Test Freq Descripti on	5G-n48						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Low	30	10	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	3555	637000	18.50
2	Low	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3555	637000	18.50
3	Low	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3555	637000	18.50
4	Low	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3555	637000	18.50
5	Low	30	10	CP-OFDM QPSK	Inner_Full	12_6	3555	637000	18.50
6	Low	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3555	637000	18.50
7	Low	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3555	637000	18.50
8	Low	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3555	637000	18.50
9	Low	30	10	CP-OFDM 16QAM	Edge_Full_Right	1_23	3555	637000	18.50
10	Low	30	10	CP-OFDM 16QAM	Edge_Full_Left	1_0	3555	637000	18.50
11	Low	30	10	CP-OFDM 16QAM	Edge_1RB_Right	2_22	3555	637000	18.50
12	Low	30	10	CP-OFDM 16QAM	Edge_1RB_Left	2_0	3555	637000	18.50
13	Low	30	10	CP-OFDM 16QAM	Inner_1RB_Right	1_22	3555	637000	18.50
14	Low	30	10	CP-OFDM 16QAM	Inner_1RB_Left	1_1	3555	637000	18.50
15	Low	30	10	CP-OFDM 16QAM	Outer_Full	24_0	3555	637000	18.50
18	Middle	30	15	CP-OFDM 16QAM	Inner_Full	18_9	3624.99	641666	18.50
18	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3624.99	641666	18.50
18	Middle	30	40	CP-OFDM 16QAM	Inner_Full	50@25	3624.99	641666	18.50
18	Middle	30	50	CP-OFDM 16QAM	Inner_Full	64@32	3624.99	641666	18.50
18	Middle	30	60	CP-OFDM 16QAM	Inner_Full	81@40	3624.99	641666	18.50
18	Middle	30	80	CP-OFDM 16QAM	Inner_Full	108@54	3624.99	641666	18.50
18	Middle	30	90	CP-OFDM 16QAM	Inner_Full	120@60	3624.99	641666	18.50

N66(ANT4 DSI 0)

No.	Test Freq Descripti on	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	25.50
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	25.50
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	25.50
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	25.50
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	25.50
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	25.50

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

No.	Test Freq Descripti on	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1745	349000	25.50
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	24.50
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	23.00
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	21.00
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	24.00
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	23.50
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	22.00
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	19.00
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	24.50
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	24.50
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	24.50
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	24.50
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	25.50
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	25.50
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	24.50
18	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	25.50
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	25.50
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	25.50
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	25.50
18	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	25.50

N66(ANT4 DSI 1)

No.	Test Freq Description	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	17.00
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	17.01
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	16.98
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	16.97
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	16.98
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	16.98

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

No.	Test Freq Description	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1745	349000	16.97
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	16.96
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	16.92
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	16.94
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	16.68
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	16.98
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	16.94
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	16.91
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	16.94
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	16.95
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	16.95
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	16.94
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	16.95
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	16.94
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	16.95
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	16.88
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	16.87
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	16.86
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	16.89
18	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	16.88

N66(ANT4 DSI 2)

No.	Test Freq Description	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	21.43
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	21.44
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	21.43
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	21.39
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	21.39
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	21.38

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

No.	Test Freq Description	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1745	349000	21.46
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	21.42
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.4
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	20.14
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	21.4
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	21.56
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	20.96
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.05
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	21.37
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	21.38
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	21.39
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	21.38
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	21.38
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	21.37
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	21.38
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	21.28
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	21.27
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	21.26
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	21.29
18	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	21.27

N66(ANT4 DSI 3)

No.	Test Freq Description	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	15.31
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	15.32
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	15.30
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	15.27
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	15.29
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	15.28

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

No.	Test Freq Description	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1745	349000	15.29
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	15.29
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	15.17
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	15.13
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	15.09
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	15.03
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	15.11
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	15.14
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	15.26
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	15.27
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	15.28
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	15.27
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	15.27
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	15.26
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	15.27
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	15.23
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	15.29
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	15.28
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	15.01
18	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	15.14

N66(ANT4 DSI 4)

No.	Test Freq Description	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	20.05
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	20.07
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	20.06
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	20.04
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	20.06
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	20.02

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

No.	Test Freq Description	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1745	349000	20.13
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	20.11
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	20.11
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	20.06
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	20.1
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	20.01
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	20.02
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.04
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	20.04
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	20.01
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	20.02
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	20.04
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	20.01
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	20
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	20.01
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	19.93
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	20
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	19.91
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	19.94
18	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	19.92

N66(ANT1 DSI 0)

No.	Test Freq Description	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1777.5	355500	24.76
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1745	349000	24.80
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1712.5	342500	24.77
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1760	352000	24.74
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1745	349000	24.78
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1730	346000	24.75

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

No.	Test Freq Description	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner Full	12 6	1745	349000	24.79
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	1745	349000	23.79
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	1745	349000	22.32
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	1745	349000	20.35
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	1745	349000	23.27
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	1745	349000	22.78
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	1745	349000	20.78
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	1745	349000	18.20
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	1745	349000	23.82
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	1745	349000	23.81
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	1745	349000	23.84
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	1745	349000	23.80
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	1745	349000	24.72
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	1745	349000	24.74
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	1745	349000	23.85
15	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	1745	349000	24.75
18	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	1745	349000	24.77
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	1745	349000	24.78
18	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64-32	1745	349000	24.79
18	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	1745	349000	24.70

N66(ANT1 DSI 2)

No.	Test Freq Description	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1777.5	355500	21.43
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1745	349000	21.21
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1712.5	342500	21.05
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1760	352000	21.34
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1745	349000	21.14
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1730	346000	21.03

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

No.	Test Freq Description	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner Full	12 6	1777.5	355500	21.4
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	1777.5	355500	21.39
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	1777.5	355500	21.32
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	1777.5	355500	19.92
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	1777.5	355500	21.4
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	1777.5	355500	21.41
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	1777.5	355500	20.92
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	1777.5	355500	17.81
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	1777.5	355500	21.41
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	1777.5	355500	21.31
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	1777.5	355500	21.34
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	1777.5	355500	21.3
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	1777.5	355500	21.33
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	1777.5	355500	21.32
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	1777.5	355500	21.35
15	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	1745	349000	21.34
18	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	1745	349000	21.43
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	1745	349000	21.42
18	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64-32	1745	349000	21.02
18	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	1745	349000	21.03

N66(ANT1 DSI 4)

No.	Test Freq Description	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	18.50
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	18.31
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	18.17
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	18.01
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	17.92
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	17.91

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

No.	Test Freq Description	5G-n66						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1777.5	355500	18.46
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1777.5	355500	18.41
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1777.5	355500	18.37
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1777.5	355500	18.4
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1777.5	355500	18.43
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1777.5	355500	18.53
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1777.5	355500	18.43
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1777.5	355500	18.50
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1777.5	355500	18.44
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1777.5	355500	18.39
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1777.5	355500	18.42
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1777.5	355500	18.4
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1777.5	355500	18.41
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1777.5	355500	18.36
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1777.5	355500	18.46
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	18.22
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	18.36
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	18.39
18	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1745	349000	18.25
18	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	18.29

N71(ANT0 DSI 0)

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.	
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	695.5	139100	24.77
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	680.5	136100	24.85
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	665.5	133100	24.98
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	688	137600	24.77
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	680.5	136100	24.81
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	673	134600	24.85

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

No.	Test Freq Description	5G-n71						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	665.5	133100	24.97
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	665.5	133100	23.91
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	665.5	133100	22.37
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	665.5	133100	21.00
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	665.5	133100	23.42
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	665.5	133100	23.50
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	665.5	133100	21.41
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	665.5	133100	18.39
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	665.5	133100	23.80
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	665.5	133100	23.85
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	665.5	133100	24.50
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	665.5	133100	23.86
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	665.5	133100	24.80
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	665.5	133100	24.92
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	665.5	133100	23.91
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	680.5	136100	24.65
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	680.5	136100	24.81

N77_L PC2(ANT5 DSI 0)

No.	Test Freq Description	5G-n77							Tune up	Power Results n77
		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	3540	636000	28.00	26.92
2	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	28.00	26.92
3	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3460.02	630668	28.00	27.11
4	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3499.98	633332	28.00	26.84
5	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	28.00	26.72

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

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm) n77
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner Full	25 12	3460.02	630668	28.00	27.02
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3460.02	630668	27.00	25.83
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3460.02	630668	25.50	24.27
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3460.02	630668	23.50	22.37
5	Middle	30	20	CP-OFDM QPSK	Inner Full	25 12	3460.02	630668	26.50	25.50
6	Middle	30	20	CP-OFDM 16QAM	Inner Full	25 12	3460.02	630668	26.00	25.00
7	Middle	30	20	CP-OFDM 64QAM	Inner Full	25 12	3460.02	630668	24.50	23.47
8	Middle	30	20	CP-OFDM 256QAM	Inner Full	25 12	3460.02	630668	21.50	20.48
9	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1-50	3460.02	630668	24.50	23.31
10	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1-0	3460.02	630668	24.50	23.29
11	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3460.02	630668	24.50	23.34
12	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3460.02	630668	24.50	23.35
13	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1-49	3460.02	630668	28.00	26.93
14	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3460.02	630668	28.00	26.95
15	Middle	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3460.02	630668	27.00	26.39
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	28.00	26.91
19	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	28.00	26.89
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3500.01	633334	28.00	27.03
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3500.01	633334	28.00	27.04
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	28.00	27.04
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	28.00	27.04
21	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	28.00	27.07

N77_L PC2(ANT5 DSI 1)

No.	Test Freq Description	5G-n77							Tune up	Power Results n77
		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	3540	636000	16.20	14.48
2	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	16.20	14.39
3	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3460.02	630668	16.20	14.33
4	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3499.98	633332	16.20	14.46
5	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	16.20	14.45

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

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm) n77
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner Full	25 12	3540	636000	16.20	14.46
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3540	636000	16.20	14.45
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3540	636000	16.20	14.39
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3540	636000	16.20	14.43
5	Middle	30	20	CP-OFDM QPSK	Inner Full	25 12	3540	636000	16.20	14.46
6	Middle	30	20	CP-OFDM 16QAM	Inner Full	25 12	3540	636000	16.20	14.47
7	Middle	30	20	CP-OFDM 64QAM	Inner Full	25 12	3540	636000	16.20	14.46
8	Middle	30	20	CP-OFDM 256QAM	Inner Full	25 12	3540	636000	16.20	14.26
9	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1 50	3540	636000	16.20	14.38
10	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3540	636000	16.20	14.38
11	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3540	636000	16.20	14.40
12	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3540	636000	16.20	14.41
13	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1 49	3540	636000	16.20	14.31
14	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3540	636000	16.20	14.35
15	Middle	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3540	636000	16.20	14.46
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	16.20	14.36
19	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	16.20	14.32
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3500.01	633334	16.20	14.41
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3500.01	633334	16.20	14.39
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	16.20	14.38
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	16.20	14.38
21	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	16.20	14.35

N77_L PC2(ANT5 DSI 2)

No.	Test Freq Description	5G-n77						Tune up	Power Results
		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	3540	636000	20.00 18.51
2	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	20.00 18.41
3	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3460.02	630668	20.00 18.35
4	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3499.98	633332	20.00 18.44
5	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	20.00 18.43

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

No.	Test Freq Description	5G-n77						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner Full	25 12	3540	636000	20.00 18.49
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3540	636000	20.00 18.46
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3540	636000	20.00 18.40
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3540	636000	20.00 18.45
5	Middle	30	20	CP-OFDM QPSK	Inner Full	25 12	3540	636000	20.00 18.49
6	Middle	30	20	CP-OFDM 16QAM	Inner Full	25 12	3540	636000	20.00 18.50
7	Middle	30	20	CP-OFDM 64QAM	Inner Full	25 12	3540	636000	20.00 18.48
8	Middle	30	20	CP-OFDM 256QAM	Inner Full	25 12	3540	636000	20.00 18.23
9	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1—50	3540	636000	20.00 18.39
10	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1-0	3540	636000	20.00 18.38
11	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3540	636000	20.00 18.41
12	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3540	636000	20.00 18.42
13	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1-49	3540	636000	20.00 18.28
14	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3540	636000	20.00 18.35
15	Middle	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3540	636000	20.00 18.48
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	20.00 18.34
19	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	20.00 18.39
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3500.01	633334	20.00 18.42
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3500.01	633334	20.00 18.40
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	20.00 18.39
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	20.00 18.38
21	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	20.00 18.36

N77_L PC2(ANT5 DSI 3)

No.	Test Freq Description	5G-n77						Tune up	Power Results
		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	3540	636000	14.50 13.03
2	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	14.50 12.92
3	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3460.02	630668	14.50 12.83
4	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3499.98	633332	14.50 12.95
5	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	14.50 12.96

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

No.	Test Freq Description	5G-n77						Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner Full	25 12	3540	636000	14.50 13.00
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3540	636000	14.50 12.98
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3540	636000	14.50 12.93
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3540	636000	14.50 12.99
5	Middle	30	20	CP-OFDM QPSK	Inner Full	25 12	3540	636000	14.50 13.00
6	Middle	30	20	CP-OFDM 16QAM	Inner Full	25 12	3540	636000	14.50 13.01
7	Middle	30	20	CP-OFDM 64QAM	Inner Full	25 12	3540	636000	14.50 13.02
8	Middle	30	20	CP-OFDM 256QAM	Inner Full	25 12	3540	636000	14.50 13.02
9	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1—50	3540	636000	14.50 12.92
10	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1-0	3540	636000	14.50 12.90
11	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3540	636000	14.50 12.93
12	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3540	636000	14.50 12.93
13	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1-49	3540	636000	14.50 12.91
14	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3540	636000	14.50 12.90
15	Middle	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3540	636000	14.50 13.00
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	14.50 12.79
19	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	14.50 12.81
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3500.01	633334	14.50 12.90
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3500.01	633334	14.50 12.89
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	14.50 12.89
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	14.50 12.94
21	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	14.50 12.97

N77_L PC2(ANT5 DSI 4)

No.	Test Freq Description	5G-n77							Tune up	Power Results n77
		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	3540	636000	17.50	16.52
2	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	17.50	16.42
3	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3460.02	630668	17.50	16.35
4	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3499.98	633332	17.50	16.50
5	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	17.50	16.49

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

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm) n77
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner Full	25 12	3540	636000	17.50	16.50
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3540	636000	17.50	16.48
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3540	636000	17.50	16.42
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3540	636000	17.50	16.46
5	Middle	30	20	CP-OFDM QPSK	Inner Full	25 12	3540	636000	17.50	16.50
6	Middle	30	20	CP-OFDM 16QAM	Inner Full	25 12	3540	636000	17.50	16.51
7	Middle	30	20	CP-OFDM 64QAM	Inner Full	25 12	3540	636000	17.50	16.51
8	Middle	30	20	CP-OFDM 256QAM	Inner Full	25 12	3540	636000	17.50	16.27
9	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1—50	3540	636000	17.50	16.41
10	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1-0	3540	636000	17.50	16.41
11	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3540	636000	17.50	16.43
12	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3540	636000	17.50	16.45
13	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1-49	3540	636000	17.50	16.32
14	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3540	636000	17.50	16.37
15	Middle	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3540	636000	17.50	16.50
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	17.50	16.35
19	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	17.50	14.31
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3500.01	633334	17.50	16.45
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3500.01	633334	17.50	16.42
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	17.50	16.41
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	17.50	16.41
21	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	17.50	16.39

N77_H PC2(ANT5 DSI 0)

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm)
		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	3969.990	664666	28.00	27.12
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3918.000	661200	28.00	27.32
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3866.000	657733	28.00	27.20
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3814.000	654267	28.00	27.18
5	Middle-5	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3762.000	650800	28.00	26.97
6	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3710.010	647334	28.00	27.02
7	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3930.000	662000	28.00	27.17
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3894.000	659600	28.00	27.07
9	Middle-2	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3858.000	657200	28.00	27.11
10	Middle-3	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3822.000	654800	28.00	27.15
11	Middle-4	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3786.000	652400	28.00	26.86
12	Low	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750.000	650000	28.00	26.93

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

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle-3	30	20	DFT-s-OFDM P1/2 BPSK1	Inner Full	25 12	3918.000	661200	28.00	27.21
2	Middle-3	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3918.000	661200	27.00	26.09
3	Middle-3	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3918.000	661200	25.50	24.56
4	Middle-3	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3918.000	661200	23.50	22.66
5	Middle-3	30	20	CP-OFDM QPSK	Inner Full	25 12	3918.000	661200	26.50	25.73
6	Middle-3	30	20	CP-OFDM 16QAM	Inner Full	25 12	3918.000	661200	26.00	25.23
7	Middle-3	30	20	CP-OFDM 64QAM	Inner Full	25 12	3918.000	661200	24.50	23.69
8	Middle-3	30	20	CP-OFDM 256QAM	Inner Full	25 12	3918.000	661200	21.50	20.51
9	Middle-3	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3918.000	661200	24.50	23.54
10	Middle-3	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3918.000	661200	24.50	23.56
11	Middle-3	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1 49	3918.000	661200	28.00	27.27
12	Middle-3	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3918.000	661200	28.00	27.25
13	Middle-3	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3918.000	661200	27.00	26.34
14	Middle-3	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3918.000	661200	24.50	23.47
15	Middle-3	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1 50	3918.000	661200	24.50	23.43
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	18 9	3918.000	661200	28.00	27.09
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	25 12	3918.000	661200	28.00	27.11
16	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3918.000	661200	28.00	27.16
17	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3918.000	661200	28.00	27.14
18	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3918.000	661200	28.00	27.07
19	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3918.000	661200	28.00	27.17
19	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3918.000	661200	28.00	24.06

N77_H PC2(ANT5 DSI 1)

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm)
		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	3969.990	664666	16.20	14.36
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3918.000	661200	16.20	14.44
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3866.000	657733	16.20	14.46
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3814.000	654267	16.20	14.41
5	Middle-5	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3762.000	650800	16.20	14.31
6	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3710.010	647334	16.20	14.34
7	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3930.000	662000	16.20	14.43
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3894.000	659600	16.20	14.43
9	Middle-2	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3858.000	657200	16.20	14.43
10	Middle-3	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3822.000	654800	16.20	14.43
11	Middle-4	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3786.000	652400	16.20	14.43
12	Low	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750.000	650000	16.20	14.39

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

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle-3	30	20	DFT-s-OFDM P1/2 BPSK1	Inner Full	25 12	3866.000	657733	16.20	14.43
2	Middle-3	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3866.000	657733	16.20	14.43
3	Middle-3	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3866.000	657733	16.20	14.37
4	Middle-3	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3866.000	657733	16.20	14.42
5	Middle-3	30	20	CP-OFDM QPSK	Inner Full	25 12	3866.000	657733	16.20	14.43
6	Middle-3	30	20	CP-OFDM 16QAM	Inner Full	25 12	3866.000	657733	16.20	14.43
7	Middle-3	30	20	CP-OFDM 64QAM	Inner Full	25 12	3866.000	657733	16.20	14.43
8	Middle-3	30	20	CP-OFDM 256QAM	Inner Full	25 12	3866.000	657733	16.20	14.08
9	Middle-3	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3866.000	657733	16.20	14.35
10	Middle-3	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3866.000	657733	16.20	14.36
11	Middle-3	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1 49	3866.000	657733	16.20	14.28
12	Middle-3	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3866.000	657733	16.20	14.30
13	Middle-3	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3866.000	657733	16.20	14.41
14	Middle-3	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3866.000	657733	16.20	14.31
15	Middle-3	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1 50	3866.000	657733	16.20	14.28
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	18 9	3866.000	657733	16.20	14.28
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	25 12	3866.000	657733	16.20	14.26
16	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3866.000	657733	16.20	14.32
17	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3866.000	657733	16.20	14.29
18	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3866.000	657733	16.20	14.30
19	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3866.000	657733	16.20	14.28
19	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3866.000	657733	16.20	14.26

N77_H PC2(ANT5 DSI 2)

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm)
		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	3969.990	664666	20.00	18.39
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3918.000	661200	20.00	18.51
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3866.000	657733	20.00	18.47
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3814.000	654267	20.00	18.44
5	Middle-5	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3762.000	650800	20.00	18.32
6	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3710.010	647334	20.00	18.34
7	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3930.000	662000	20.00	18.44
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3894.000	659600	20.00	18.50
9	Middle-2	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3858.000	657200	20.00	18.49
10	Middle-3	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3822.000	654800	20.00	18.47
11	Middle-4	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3786.000	652400	20.00	18.41
12	Low	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750.000	650000	20.00	18.38

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

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle-3	30	20	DFT-s-OFDM P1/2 BPSK1	Inner Full	25 12	3918.000	661200	20.00	18.50
2	Middle-3	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3918.000	661200	20.00	18.48
3	Middle-3	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3918.000	661200	20.00	18.42
4	Middle-3	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3918.000	661200	20.00	18.47
5	Middle-3	30	20	CP-OFDM QPSK	Inner Full	25 12	3918.000	661200	20.00	18.48
6	Middle-3	30	20	CP-OFDM 16QAM	Inner Full	25 12	3918.000	661200	20.00	18.50
7	Middle-3	30	20	CP-OFDM 64QAM	Inner Full	25 12	3918.000	661200	20.00	18.49
8	Middle-3	30	20	CP-OFDM 256QAM	Inner Full	25 12	3918.000	661200	20.00	18.04
9	Middle-3	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3918.000	661200	20.00	18.38
10	Middle-3	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3918.000	661200	20.00	18.39
11	Middle-3	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1 49	3918.000	661200	20.00	18.30
12	Middle-3	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3918.000	661200	20.00	18.33
13	Middle-3	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3918.000	661200	20.00	18.47
14	Middle-3	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3918.000	661200	20.00	18.35
15	Middle-3	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1 50	3918.000	661200	20.00	18.29
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	18 9	3918.000	661200	20.00	18.27
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	25 12	3918.000	661200	20.00	18.25
16	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3918.000	661200	20.00	18.36
17	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3918.000	661200	20.00	18.32
18	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3918.000	661200	20.00	18.33
19	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3918.000	661200	20.00	18.30
19	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3918.000	661200	20.00	18.39

N77_H PC2(ANT5 DSI 3)

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm)
		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	3969.990	664666	14.50	12.83
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3918.000	661200	14.50	12.96
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3866.000	657733	14.50	12.89
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3814.000	654267	14.50	12.86
5	Middle-5	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3762.000	650800	14.50	12.77
6	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3710.010	647334	14.50	12.78
7	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3930.000	662000	14.50	12.88
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3894.000	659600	14.50	12.95
9	Middle-2	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3858.000	657200	14.50	12.95
10	Middle-3	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3822.000	654800	14.50	12.91
11	Middle-4	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3786.000	652400	14.50	12.81
12	Low	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750.000	650000	14.50	12.82

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

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle-3	30	20	DFT-s-OFDM P1/2 BPSK1	Inner Full	25 12	3918.000	661200	14.50	12.95
2	Middle-3	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3918.000	661200	14.50	12.90
3	Middle-3	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3918.000	661200	14.50	12.87
4	Middle-3	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3918.000	661200	14.50	12.93
5	Middle-3	30	20	CP-OFDM QPSK	Inner Full	25 12	3918.000	661200	14.50	12.93
6	Middle-3	30	20	CP-OFDM 16QAM	Inner Full	25 12	3918.000	661200	14.50	12.95
7	Middle-3	30	20	CP-OFDM 64QAM	Inner Full	25 12	3918.000	661200	14.50	12.95
8	Middle-3	30	20	CP-OFDM 256QAM	Inner Full	25 12	3918.000	661200	14.50	12.95
9	Middle-3	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3918.000	661200	14.50	12.83
10	Middle-3	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3918.000	661200	14.50	12.84
11	Middle-3	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1 49	3918.000	661200	14.50	12.79
12	Middle-3	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3918.000	661200	14.50	12.78
13	Middle-3	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3918.000	661200	14.50	12.92
14	Middle-3	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3918.000	661200	14.50	12.78
15	Middle-3	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1 50	3918.000	661200	14.50	12.74
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	18 9	3918.000	661200	14.50	12.59
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	25 12	3918.000	661200	14.50	12.61
16	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3918.000	661200	14.50	12.73
17	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3918.000	661200	14.50	12.65
18	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3918.000	661200	14.50	12.64
19	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3918.000	661200	14.50	12.65
19	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3918.000	661200	14.50	12.63

N77_H PC2(ANT5 DSI 4)

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm)
		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	3969.990	664666	17.50	16.42
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3918.000	661200	17.50	16.51
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3866.000	657733	17.50	16.53
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3814.000	654267	17.50	16.47
5	Middle-5	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3762.000	650800	17.50	16.36
6	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3710.010	647334	17.50	16.39
7	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3930.000	662000	17.50	16.49
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3894.000	659600	17.50	16.50
9	Middle-2	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3858.000	657200	17.50	16.50
10	Middle-3	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3822.000	654800	17.50	16.49
11	Middle-4	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3786.000	652400	17.50	16.50
12	Low	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750.000	650000	17.50	16.45

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

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle-3	30	20	DFT-s-OFDM P1/2 BPSK1	Inner Full	25 12	3866.000	657733	17.50	16.50
2	Middle-3	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3866.000	657733	17.50	16.49
3	Middle-3	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3866.000	657733	17.50	16.43
4	Middle-3	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3866.000	657733	17.50	16.48
5	Middle-3	30	20	CP-OFDM QPSK	Inner Full	25 12	3866.000	657733	17.50	16.49
6	Middle-3	30	20	CP-OFDM 16QAM	Inner Full	25 12	3866.000	657733	17.50	16.50
7	Middle-3	30	20	CP-OFDM 64QAM	Inner Full	25 12	3866.000	657733	17.50	16.49
8	Middle-3	30	20	CP-OFDM 256QAM	Inner Full	25 12	3866.000	657733	17.50	16.09
9	Middle-3	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3866.000	657733	17.50	16.40
10	Middle-3	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3866.000	657733	17.50	16.41
11	Middle-3	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1 49	3866.000	657733	17.50	16.32
12	Middle-3	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3866.000	657733	17.50	16.35
13	Middle-3	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3866.000	657733	17.50	16.47
14	Middle-3	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3866.000	657733	17.50	16.36
15	Middle-3	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1 50	3866.000	657733	17.50	16.32
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	18 9	3866.000	657733	17.50	16.31
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	25 12	3866.000	657733	17.50	16.33
16	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3866.000	657733	17.50	16.37
17	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3866.000	657733	17.50	16.34
18	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3866.000	657733	17.50	16.35
19	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3866.000	657733	17.50	16.32
19	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3866.000	657733	17.50	16.31

N77_L PC3(ANT5 DSI 0)

No.	Test Freq Description	5G-n77							Power Results	
		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	25.00	24.02
2	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	25.00	24.10
3	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3460.02	630668	25.00	24.19
4	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3499.98	633332	25.00	23.95
5	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	25.00	23.84

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

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 P12 BPSK1	Inner Full	25 12	3460.02	630668	25.00	24.18
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3460.02	630668	24.00	23.86
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3460.02	630668	22.50	22.02
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3460.02	630668	20.50	20.17
5	Middle	30	20	CP-OFDM QPSK	Inner Full	25 12	3460.02	630668	23.50	23.22
6	Middle	30	20	CP-OFDM 16QAM	Inner Full	25 12	3460.02	630668	23.00	22.73
7	Middle	30	20	CP-OFDM 64QAM	Inner Full	25 12	3460.02	630668	21.50	21.27
8	Middle	30	20	CP-OFDM 256QAM	Inner Full	25 12	3460.02	630668	18.50	18.30
9	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1-50	3460.02	630668	24.00	22.98
10	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1-0	3460.02	630668	24.00	22.97
11	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3460.02	630668	24.00	23.07
12	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3460.02	630668	24.00	23.05
13	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1-49	3460.02	630668	25.00	24.06
14	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3460.02	630668	25.00	24.08
15	Middle	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3460.02	630668	24.00	23.09
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	25.00	24.02
19	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	25.00	24.03
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3500.01	633334	25.00	24.11
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3500.01	633334	25.00	24.12
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	25.00	24.12
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	25.00	24.09
21	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	25.00	24.15

N77_H PC3(ANT5 DSI 0)

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm)
		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	3969.990	664666	25.00	24.02
2	Middle-1	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3918.000	661200	25.00	24.20
3	Middle-2	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3866.000	657733	25.00	24.09
4	Middle-3	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3814.000	654267	25.00	24.08
5	Middle-5	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3762.000	650800	25.00	23.89
6	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3710.010	647334	25.00	23.93
7	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3930.000	662000	25.00	24.07
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3894.000	659600	25.00	23.98
9	Middle-2	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3858.000	657200	25.00	24.01
10	Middle-3	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3822.000	654800	25.00	24.05
11	Middle-4	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3786.000	652400	25.00	23.79
12	Low	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750.000	650000	25.00	23.85

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

No.	Test Freq Description	5G-n77							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle-3	30	20	DFT-s-OFDM P1/2 BPSK1	Inner Full	25 12	3918.000	661200	25.00	24.19
2	Middle-3	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3918.000	661200	24.00	23.75
3	Middle-3	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3918.000	661200	22.50	22.10
4	Middle-3	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3918.000	661200	20.50	20.14
5	Middle-3	30	20	CP-OFDM QPSK	Inner Full	25 12	3918.000	661200	23.50	23.12
6	Middle-3	30	20	CP-OFDM 16QAM	Inner Full	25 12	3918.000	661200	23.00	22.17
7	Middle-3	30	20	CP-OFDM 64QAM	Inner Full	25 12	3918.000	661200	21.50	21.20
8	Middle-3	30	20	CP-OFDM 256QAM	Inner Full	25 12	3918.000	661200	18.50	18.26
9	Middle-3	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3918.000	661200	24.00	23.04
10	Middle-3	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3918.000	661200	24.00	23.08
11	Middle-3	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1 49	3918.000	661200	25.00	23.93
12	Middle-3	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3918.000	661200	25.00	23.97
13	Middle-3	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3918.000	661200	24.00	23.13
14	Middle-3	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3918.000	661200	24.00	23.00
15	Middle-3	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1 50	3918.000	661200	24.00	22.94
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	18 9	3762.000	650800	25.00	24.05
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	25 12	3762.000	650800	25.00	24.01
16	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3762.000	650800	25.00	24.12
17	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3762.000	650800	25.00	24.17
18	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3762.000	650800	25.00	24.11
19	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3762.000	650800	25.00	24.09
19	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3762.000	650800	25.00	24.15

N78_L PC3(ANT5 DSI 0)

No.	Test Freq Description	5G-n78							Power Results (dBm)
		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	3540	636000	23.51
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	23.48
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	23.45
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	23.58
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	23.56

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

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	135_67	3499.98	633332	23.57
2	Middle	30	100	DFT-s-OFDM 16QAM	Inner_Full	135_67	3499.98	633332	22.56
3	Middle	30	100	DFT-s-OFDM 64QAM	Inner_Full	135_67	3499.98	633332	21.17
4	Middle	30	100	DFT-s-OFDM 256QAM	Inner_Full	135_67	3499.98	633332	19.14
5	Middle	30	100	CP-OFDM QPSK	Inner_Full	135_67	3499.98	633332	21.97
6	Middle	30	100	CP-OFDM 16QAM	Inner_Full	135_67	3499.98	633332	21.51
7	Middle	30	100	CP-OFDM 64QAM	Inner_Full	135_67	3499.98	633332	20.09
8	Middle	30	100	CP-OFDM 256QAM	Inner_Full	135_67	3499.98	633332	17.05
9	Middle	30	100	DFT-s-OFDM QPSK	Edge 1RB Right	1_272	3499.98	633332	22.28
10	Middle	30	100	DFT-s-OFDM QPSK	Edge 1RB Left	1_0	3499.98	633332	22.06
11	Middle	30	100	DFT-s-OFDM QPSK	Edge Full Right	2_271	3499.98	633332	22.26
12	Middle	30	100	DFT-s-OFDM QPSK	Edge Full Left	2_0	3499.98	633332	22.09
13	Middle	30	100	DFT-s-OFDM QPSK	Inner 1RB Right	1_271	3499.98	633332	23.27
14	Middle	30	100	DFT-s-OFDM QPSK	Inner 1RB Left	1_1	3499.98	633332	23.11
15	Middle	30	100	DFT-s-OFDM QPSK	Outer Full	270_0	3499.98	633332	22.93
18	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3499.98	633332	23.50
19	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3499.98	633332	23.49
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3499.98	633332	23.53
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3499.98	633332	23.52
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3499.98	633332	23.51
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3499.98	633332	23.49
21	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3499.98	633332	23.52

N78_L PC3(ANT5 DSI 1)

No.	Test Freq Description	5G-n78							Power Results (dBm)
		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	3540	636000	14.63
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	14.55
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	14.52
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	14.54
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	14.56

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

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3540	636000	14.61
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3540	636000	14.62
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3540	636000	14.58
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3540	636000	14.62
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3540	636000	14.61
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3540	636000	14.62
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3540	636000	14.60
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3540	636000	14.60
9	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1_50	3540	636000	14.43
10	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1_0	3540	636000	14.38
11	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Right	2_49	3540	636000	14.46
12	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Left	2_0	3540	636000	14.44
13	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1_49	3540	636000	14.36
14	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1_1	3540	636000	14.41
15	Middle	30	20	DFT-s-OFDM QPSK	Outer Full	50_0	3540	636000	14.58
19	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3540	636000	14.57
18	Middle-5	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	14.51
19	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3540	636000	14.60
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3540	636000	14.60
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3540	636000	14.49
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3540	636000	14.61
21	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3540	636000	14.61

N78_L PC3(ANT5 DSI 2)

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.	
1	High	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3540	636000	20.00
2	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	20.00
3	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3460.02	630668	20.00
4	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3499.98	633332	20.00
5	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	20.00

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)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner Full	25 12	3540	636000	20.00
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3540	636000	20.00
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3540	636000	20.00
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3540	636000	20.00
5	Middle	30	20	CP-OFDM QPSK	Inner Full	25 12	3540	636000	20.00
6	Middle	30	20	CP-OFDM 16QAM	Inner Full	25 12	3540	636000	20.00
7	Middle	30	20	CP-OFDM 64QAM	Inner Full	25 12	3540	636000	20.00
8	Middle	30	20	CP-OFDM 256QAM	Inner Full	25 12	3540	636000	20.00
9	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1—50	3540	636000	20.00
10	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1-0	3540	636000	20.00
11	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3540	636000	20.00
12	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3540	636000	20.00
13	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1-49	3540	636000	20.00
14	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3540	636000	20.00
15	Middle	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3540	636000	20.00
18	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3540	636000	20.00
19	Middle-5	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3540	636000	20.00
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3540	636000	20.00
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3540	636000	20.00
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3540	636000	20.00
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3540	636000	20.00
21	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3540	636000	20.00

N78_L PC3(ANT5 DSI 3)

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.	
1	High	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3540	636000	14.50
2	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	14.50
3	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3460.02	630668	14.50
4	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3499.98	633332	14.50
5	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	14.50

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)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner Full	25 12	3460.02	630668	14.50
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3460.02	630668	14.50
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3460.02	630668	14.50
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3460.02	630668	14.50
5	Middle	30	20	CP-OFDM QPSK	Inner Full	25 12	3460.02	630668	14.50
6	Middle	30	20	CP-OFDM 16QAM	Inner Full	25 12	3460.02	630668	14.50
7	Middle	30	20	CP-OFDM 64QAM	Inner Full	25 12	3460.02	630668	14.50
8	Middle	30	20	CP-OFDM 256QAM	Inner Full	25 12	3460.02	630668	14.50
9	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1—50	3460.02	630668	14.50
10	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1-0	3460.02	630668	14.50
11	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3460.02	630668	14.50
12	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3460.02	630668	14.50
13	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1-49	3460.02	630668	14.50
14	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3460.02	630668	14.50
15	Middle	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3460.02	630668	14.50
18	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	14.50
19	Middle-5	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	14.50
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3500.01	633334	14.50
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3500.01	633334	14.50
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	14.50
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	14.50
21	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	14.50

N78_L PC3(ANT5 DSI 4)

No.	Test Freq Description	5G-n78							Power Results (dBm)
		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	3540	636000	17.50
2	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	17.50
3	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3460.02	630668	17.50
4	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3499.98	633332	17.50
5	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	17.50

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

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	20	DFT-s-OFDM P12 BPSK1	Inner Full	25 12	3460.02	630668	17.50
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner Full	25 12	3460.02	630668	17.50
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner Full	25 12	3460.02	630668	17.50
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner Full	25 12	3460.02	630668	17.50
5	Middle	30	20	CP-OFDM QPSK	Inner Full	25 12	3460.02	630668	17.50
6	Middle	30	20	CP-OFDM 16QAM	Inner Full	25 12	3460.02	630668	17.50
7	Middle	30	20	CP-OFDM 64QAM	Inner Full	25 12	3460.02	630668	17.50
8	Middle	30	20	CP-OFDM 256QAM	Inner Full	25 12	3460.02	630668	17.50
9	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Right	1—50	3460.02	630668	17.50
10	Middle	30	20	DFT-s-OFDM QPSK	Edge 1RB Left	1-0	3460.02	630668	17.50
11	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Right	2 49	3460.02	630668	17.50
12	Middle	30	20	DFT-s-OFDM QPSK	Edge Full Left	2 0	3460.02	630668	17.50
13	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Right	1-49	3460.02	630668	17.50
14	Middle	30	20	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3460.02	630668	17.50
15	Middle	30	20	DFT-s-OFDM QPSK	Outer Full	50 0	3460.02	630668	17.50
18	Middle-5	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	17.50
19	Middle-5	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	17.50
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3500.01	633334	17.50
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3500.01	633334	17.50
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	17.50
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	17.50
21	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	17.50

N78_H PC3(ANT5 DSI 0)

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3795	653000	23.67
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3750	650000	23.54
6	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705	647000	23.51
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750	650000	23.49

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

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12 6	3795	653000	23.66
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner_Full	12 6	3795	653000	22.61
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner_Full	12 6	3795	653000	21.05
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner_Full	12 6	3795	653000	19.21
5	Middle-3	30	10	CP-OFDM QPSK	Inner_Full	12 6	3795	653000	22.08
6	Middle-3	30	10	CP-OFDM 16QAM	Inner_Full	12 6	3795	653000	21.73
7	Middle-3	30	10	CP-OFDM 64QAM	Inner_Full	12 6	3795	653000	20.22
8	Middle-3	30	10	CP-OFDM 256QAM	Inner_Full	12 6	3795	653000	17.16
14	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1 0	3795	653000	22.41
15	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1 23	3795	653000	22.46
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2 22	3795	653000	22.53
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2 0	3795	653000	22.53
11	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1 22	3795	653000	23.48
12	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1 1	3795	653000	23.44
13	Middle-3	30	10	DFT-s-OFDM QPSK	Outer_Full	24 0	3795	653000	22.61
16	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	18 9	3795	653000	23.65
16	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25 12	3795	653000	23.56
16	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	50 25	3795	653000	23.54
17	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	64 32	3795	653000	23.52
18	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	81 40	3795	653000	23.53
19	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	108 54	3795	653000	23.61
20	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	120 60	3795	653000	23.63

N78_H PC3(ANT5 DSI 1)

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3795	653000	14.45
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3750	650000	14.37
6	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705	647000	14.35
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750	650000	14.37

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

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	3795	653000	14.44
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner_Full	12@6	3795	653000	14.43
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner_Full	12@6	3795	653000	14.42
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner_Full	12@6	3795	653000	14.40
5	Middle-3	30	10	CP-OFDM QPSK	Inner_Full	12@6	3795	653000	14.41
6	Middle-3	30	10	CP-OFDM 16QAM	Inner_Full	12@6	3795	653000	14.43
7	Middle-3	30	10	CP-OFDM 64QAM	Inner_Full	12@6	3795	653000	14.40
8	Middle-3	30	10	CP-OFDM 256QAM	Inner_Full	12@6	3795	653000	14.42
14	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3795	653000	14.42
15	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1@23	3795	653000	14.26
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2@22	3795	653000	14.21
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3795	653000	14.29
11	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1@22	3795	653000	14.27
12	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3795	653000	14.20
13	Middle-3	30	10	DFT-s-OFDM QPSK	Outer_Full	24@0	3795	653000	14.24
16	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3750	650000	14.40
16	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3750	650000	14.41
16	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3750	650000	14.40
17	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3750	650000	14.41
18	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3750	650000	14.42
19	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3750	650000	14.42
20	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3750	650000	14.43

N78_H PC3(ANT5 DSI 2)

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.		
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3795	653000	20.00	18.60
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3750	650000	20.00	18.42
6	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705	647000	20.00	18.35
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750	650000	20.00	18.40

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)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	3795	653000	20.00	18.59
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner_Full	12@6	3795	653000	20.00	18.55
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner_Full	12@6	3795	653000	20.00	18.58
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner_Full	12@6	3795	653000	20.00	18.49
5	Middle-3	30	10	CP-OFDM QPSK	Inner_Full	12@6	3795	653000	20.00	18.58
6	Middle-3	30	10	CP-OFDM 16QAM	Inner_Full	12@6	3795	653000	20.00	18.55
7	Middle-3	30	10	CP-OFDM 64QAM	Inner_Full	12@6	3795	653000	20.00	18.58
8	Middle-3	30	10	CP-OFDM 256QAM	Inner_Full	12@6	3795	653000	18.50	18.53
14	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3795	653000	20.00	18.53
15	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1@23	3795	653000	20.00	18.15
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2@22	3795	653000	20.00	18.03
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3795	653000	20.00	18.21
11	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1@22	3795	653000	20.00	18.17
12	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3795	653000	20.00	17.99
13	Middle-3	30	10	DFT-s-OFDM QPSK	Outer_Full	24@0	3795	653000	20.00	18.10
16	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3750	650000	20.00	18.49
16	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3750	650000	20.00	18.51
16	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3750	650000	20.00	18.52
17	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3750	650000	20.00	18.51
18	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3750	650000	20.00	18.53
19	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3750	650000	20.00	18.53
20	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3750	650000	20.00	18.55

N78_H PC3(ANT5 DSI 3)

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3795	653000	14.50
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3750	650000	14.50
6	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705	647000	14.50
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750	650000	14.50

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

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	3795	653000	14.50
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner_Full	12@6	3795	653000	14.50
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner_Full	12@6	3795	653000	14.50
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner_Full	12@6	3795	653000	14.50
5	Middle-3	30	10	CP-OFDM QPSK	Inner_Full	12@6	3795	653000	14.50
6	Middle-3	30	10	CP-OFDM 16QAM	Inner_Full	12@6	3795	653000	14.50
7	Middle-3	30	10	CP-OFDM 64QAM	Inner_Full	12@6	3795	653000	14.50
8	Middle-3	30	10	CP-OFDM 256QAM	Inner_Full	12@6	3795	653000	14.50
14	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	3795	653000	14.50
15	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1@23	3795	653000	14.50
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2@22	3795	653000	14.50
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	3795	653000	14.50
11	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1@22	3795	653000	14.50
12	Middle-3	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3795	653000	14.50
13	Middle-3	30	10	DFT-s-OFDM QPSK	Outer_Full	24@0	3795	653000	14.50
16	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3750	650000	14.50
16	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3750	650000	14.50
16	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3750	650000	14.50
17	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3750	650000	14.50
18	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3750	650000	14.50
19	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3750	650000	14.50
20	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3750	650000	14.50

N78_H PC3(ANT5 DSI 4)

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3795	653000	17.50 16.55
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3750	650000	17.50 16.42
6	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3705	647000	17.50 16.37
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3750	650000	17.50 16.40

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

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	3795	653000	17.50 16.54
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner_Full	12@6	3795	653000	17.50 16.52
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner_Full	12@6	3795	653000	17.50 16.53
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner_Full	12@6	3795	653000	17.50 16.47
5	Middle-3	30	10	CP-OFDM QPSK	Inner_Full	12@6	3795	653000	17.50 16.53
6	Middle-3	30	10	CP-OFDM 16QAM	Inner_Full	12@6	3795	653000	17.50 16.52
7	Middle-3	30	10	CP-OFDM 64QAM	Inner_Full	12@6	3795	653000	17.50 16.53
8	Middle-3	30	10	CP-OFDM 256QAM	Inner_Full	12@6	3795	653000	17.50 16.50
14	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1@0	3795	653000	17.50 16.50
15	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1@23	3795	653000	17.50 16.23
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Right	2@22	3795	653000	17.50 16.15
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Left	2@0	3795	653000	17.50 16.28
11	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1@22	3795	653000	17.50 16.24
12	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1@1	3795	653000	17.50 16.11
13	Middle-3	30	10	DFT-s-OFDM QPSK	Outer Full	24@0	3795	653000	17.50 16.20
16	Middle-1	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3750	650000	17.50 16.47
16	Middle-1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3750	650000	17.50 16.48
16	Middle-1	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3750	650000	17.50 16.53
17	Middle-1	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3750	650000	17.50 16.49
18	Middle-1	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3750	650000	17.50 16.50
19	Middle-1	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3750	650000	17.50 16.50
20	Middle-1	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3750	650000	17.50 16.52

11.5 Wi-Fi and BT Measurement result

The maximum output power of BT antenna is 8.64dBm.

The maximum tune up of BT antenna is 9dBm.

The average conducted power for Wi-Fi 2.4G-Receiver off:

802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	21.64
	6(2437(MHz)	21.78
	1(2412MHz)	21.51
	Tune up	23.00
802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	17.79
	6(2437(MHz)	18.17
	1(2412MHz)	17.67
	Tune up	19.00
802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	16.66
	6(2437(MHz)	16.89
	Tune up	18.00
	1(2412MHz)	17.21
	Tune up	19.00

The average conducted power for Wi-Fi 2.4G-Receiver on:

802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	13.60
	6(2437(MHz)	13.91
	1(2412MHz)	13.54
	Tune up	15.00
802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	13.73
	6(2437(MHz)	13.92
	1(2412MHz)	13.64
	Tune up	15.00
802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	13.44
	6(2437(MHz)	13.75
	1(2412MHz)	13.52
	Tune up	15.00

The average conducted power for Wi-Fi 2.4G-Sensor on:

802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	17.66
	6(2437(MHz)	17.93
	1(2412MHz)	17.41
	Tune up	19.50
802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	17.44
	6(2437(MHz)	17.80
	1(2412MHz)	17.52
	Tune up	19.00
802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	16.75
	6(2437(MHz)	17.00
	Tune up	18.00
	1(2412MHz)	17.25
	Tune up	19.00

The average conducted power for Wi-Fi 5G-Receiver off:

802.11a(dBm)	
Channel\data rate	6Mbps
36(5180 MHz)	19.30
40(5200 MHz)	19.15
44(5220 MHz)	18.84
48(5240 MHz)	19.02
52(5260 MHz)	18.56
56(5280 MHz)	18.91
60(5300 MHz)	19.48
64(5320 MHz)	19.83
Tune up	20.50
100(5500 MHz)	19.11
104(5520 MHz)	19.32
108(5540 MHz)	19.69
112(5560 MHz)	19.52
116(5580 MHz)	18.02
120(5600 MHz)	18.00
124(5620 MHz)	18.52
128(5640 MHz)	18.60
132(5660 MHz)	19.10
136(5680 MHz)	19.47
140(5700 MHz)	19.57
144(5720 MHz)	19.25
Tune up	20.00
149(5745 MHz)	20.20
153(5765 MHz)	20.00
157(5785 MHz)	19.92
161(5805 MHz)	19.79
165(5825 MHz)	19.73
Tune up	21.00

The average conducted power for Wi-Fi 5G-Receiver on:

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	11.75
58(5290 MHz)	11.88
106(5530 MHz)	12.27
122(5610 MHz)	11.00
138(5690 MHz)	12.22
155(5775 MHz)	12.41
Tune up	12.50

The average conducted power for Wi-Fi 5G-Sensor on:

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	12.65
58(5290 MHz)	12.60
106(5530 MHz)	12.77
122(5610 MHz)	11.51
138(5690 MHz)	12.96
155(5775 MHz)	13.00
Tune up	13.50

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.I22Z70331-SEM01

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 edge	Right edge	Top edge	Bottom edge
ANT0	Yes	Yes	Yes	No	No	Yes
ANT1	Yes	Yes	Yes	Yes	No	Yes
ANT4	Yes	Yes	Yes	No	Yes	No
ANT5	Yes	Yes	No	Yes	Yes	No
ANT6	Yes	Yes	No	Yes	Yes	No

13 Evaluation of Simultaneous

SA

Year	Year	Q1 2016		Q2 2016		Q3 2016		Q4 2016		Q1 2017		Q2 2017		Q3 2017		Q4 2017		Q1 2018		Q2 2018		Q3 2018		Q4 2018		Q1 2019		Q2 2019		Q3 2019		Q4 2019		Q1 2020		Q2 2020		Q3 2020		Q4 2020		Q1 2021		Q2 2021		Q3 2021		Q4 2021		Q1 2022		Q2 2022		Q3 2022		Q4 2022		Q1 2023		Q2 2023		Q3 2023		Q4 2023		Q1 2024		Q2 2024		Q3 2024		Q4 2024		Q1 2025		Q2 2025		Q3 2025		Q4 2025		Q1 2026		Q2 2026		Q3 2026		Q4 2026		Q1 2027		Q2 2027		Q3 2027		Q4 2027		Q1 2028		Q2 2028		Q3 2028		Q4 2028		Q1 2029		Q2 2029		Q3 2029		Q4 2029		Q1 2030		Q2 2030		Q3 2030		Q4 2030		Q1 2031		Q2 2031		Q3 2031		Q4 2031		Q1 2032		Q2 2032		Q3 2032		Q4 2032		Q1 2033		Q2 2033		Q3 2033		Q4 2033		Q1 2034		Q2 2034		Q3 2034		Q4 2034		Q1 2035		Q2 2035		Q3 2035		Q4 2035		Q1 2036		Q2 2036		Q3 2036		Q4 2036		Q1 2037		Q2 2037		Q3 2037		Q4 2037		Q1 2038		Q2 2038		Q3 2038		Q4 2038		Q1 2039		Q2 2039		Q3 2039		Q4 2039		Q1 2040		Q2 2040		Q3 2040		Q4 2040		Q1 2041		Q2 2041		Q3 2041		Q4 2041		Q1 2042		Q2 2042		Q3 2042		Q4 2042		Q1 2043		Q2 2043		Q3 2043		Q4 2043		Q1 2044		Q2 2044		Q3 2044		Q4 2044		Q1 2045		Q2 2045		Q3 2045		Q4 2045		Q1 2046		Q2 2046		Q3 2046		Q4 2046		Q1 2047		Q2 2047		Q3 2047		Q4 2047		Q1 2048		Q2 2048		Q3 2048		Q4 2048		Q1 2049		Q2 2049		Q3 2049	
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Test Position		SR 10 (g/s)			
		FWAN	FWAN2_4G	FWAN3G	RT
Head	Left Cheek	0.92	0.31	0.35	0.02
	Left Tilt	0.98	0.29	0.33	0.00
	Right Cheek	0.96	0.13	0.16	0.00
	Right Tilt	1.00	0.16	0.19	0.00
	Front 10mm	0.68	0.38	0.06	0.00
	Rear 10mm	1.05	0.48	0.39	0.01
Body	Left 10mm	0.48			
	Right 10mm	0.74	0.31	0.55	0.00
	Bottom 10mm	0.90			
	Torso 10mm	0.85	0.39	0.32	0.00
	Front 23mm	0.68	0.23	0.25	0.00
	Rear 22mm	1.00	0.25	0.48	0.00

Test Position	MR Ig (W/h)	simultaneous transmission			
		1-2	1-3	1-4	1-3-4
Head	Left Cheek	1.23	1.27	0.94	1.29
	Right Cheek	0.97	1.33	0.98	1.33
	Right Cheek	1.08	1.12	0.92	1.12
	Right Tilt	1.16	1.19	1.00	1.19
	Front 10mm	1.00	0.74	0.68	0.74
	Rear 10mm	1.34	1.35	1.07	1.46
Body	Left 10mm	0.48	0.48	0.48	0.48
	Right 10mm	1.05	1.29	0.74	1.29
	Bottom 10mm	0.90	0.99	0.90	0.99
	Top 10mm	1.24	1.17	0.85	1.17
	Rear 23mm	0.91	0.93	0.68	0.93
	Rear 22mm	1.25	1.48	1.00	1.48

Test Position		SAR (W/kg)														MAX. SAR 1g	
		N2 ANT4	N2 ANT1	N5 ANT0	N25 ANT4	N25 ANT1	N41 ANT4	N48 ANT5	N66 ANT5	N66 ANT4	N71	N77-L ANT5	N77-H ANT5	N78-L ANT5	N78-H ANT5		
Head	Left Cheek	0.66	0.29	0.33	0.52	0.25	0.24	0.90	0.47	0.37	0.20	0.76	0.89	0.77	0.91	0.91	
	Left Tilt	0.73	0.16	0.21	0.57	0.06	0.33	0.99	0.57	0.18	0.14	0.94	0.94	0.95	0.97	0.99	
	Right Cheek	0.92	0.08	0.34	0.84	0.14	0.59	0.73	0.80	0.18	0.29	0.63	0.54	0.64	0.55	0.92	
	Right Tilt	1.00	0.24	0.25	0.98	0.08	0.88	0.78	0.95	0.16	0.16	0.67	0.60	0.68	0.61	1.00	
	Front 10mm	0.53	0.51	0.28	0.45	0.32	0.14	0.55	0.32	0.32	0.21	0.67	0.46	0.46	0.49	0.60	
	Rear 10mm	0.88	0.83	0.67	0.83	0.74	0.69	0.71	0.83	0.52	0.49	0.91	0.64	0.74	0.54	0.94	
Body	Left 10mm	0.81	0.33	0.12	0.16	0.22	0.25	0.43	0.21	0.27	0.10	0.11	0.04	0.11	0.04	0.81	
	Right 10mm	0.77		0.23				0.43			0.35	0.68	0.50	0.54	0.43	0.77	
	Bottom 10mm		0.51	0.48		0.41				0.35	0.38					0.51	
	Top 10mm	0.18			0.73	0.41	0.55	0.81	0.54	0.28	1.00	0.80	0.99	0.88	1.00		
	Front 23mm	0.65	0.47	0.28	0.60	0.24	0.48	0.64	0.43	0.33	0.21	0.71	0.67	0.56	0.57	0.71	
	Rear 27mm	0.63	0.43	0.67	0.64	0.25	0.65	0.36	0.34	0.49	0.77	0.82	0.61	0.53	0.77		
	Front 27mm	0.72			0.58	0.89	0.44	0.59			0.96	0.73	0.76	0.62	0.95		
	Front 27mm				0.58	0.89	0.44	0.59			0.96	0.73	0.76	0.62	0.95		

Test Position		S&S 1g(V/h)			
		WNAN	WLAN2_4G	WLAN3G	BT
Head	Left Cheek	0.91	0.31	0.35	0.02
	Left Tilt1	0.99	0.29	0.35	0.00
	Right Cheek	0.92	0.13	0.16	0.00
	Right Tilt1	1.00	0.16	0.19	0.00
	Front 10mm	0.60	0.38	0.06	0.00
Body	Rear 10mm	0.94	0.48	0.39	0.01
	Left 10mm	0.81			
	Right 10mm	0.77	0.31	0.55	0.00
	Bottom 10mm	0.51			
	Top 10mm	1.00	0.39	0.32	0.00
	Front 23mm	0.71	0.23	0.25	0.00
	Rear 23mm	0.77	0.35	0.48	0.00
	Neck 23mm	0.66	0.21	0.44	0.00

Test Position		RAR 1g(0/s)	simultaneous transmission			
			1+2	1+3	1+4	1+3+4
Head	Left Cheek	1.22	1.26	0.93	1.28	
	Left Tilt	1.38	1.34	0.98	1.34	
	Right Cheek	0.95	1.08	0.92	1.08	
	Right Tilt	1.16	1.19	1.00	1.19	
	Front 10mm	0.98	0.66	0.60	0.66	
	Rear 10mm	1.33	0.95	0.97	1.34	
Body	Left 10mm	0.81	0.81	0.81	0.81	
	Right 10mm	1.08	1.32	0.77	1.32	
	Bottom 10mm	0.51	0.51	0.51	0.51	
	Top 10mm	0.39	0.40	0.32	0.39	
	Front 23mm	0.94	0.94	0.96	0.97	
	Rear 27mm	1.02	1.25	0.71	1.25	

ENDC

Test Position		SAR 1g(W/kg)	ENDC										ENDC
			n2 (ANT4)	LTE B5 (ANT0)	LTE B12 (ANT0)	LTE B13 (ANT0)	LTE B14 (ANT0)	5A_n2A (ANT0+4)	12A_n2A (ANT0+4)	13A_n2A (ANT0+4)	14A_n2A (ANT0+4)	MAX. SAR 1g	
Head	Left Cheek	0.24	0.35	0.24	0.33	0.29	0.59	0.48	0.57	0.53	0.59		
	Left Tilt	0.26	0.19	0.18	0.20	0.19	0.45	0.44	0.47	0.45	0.47		
	Right Cheek	0.48	0.34	0.16	0.31	0.35	0.83	0.64	0.80	0.83	0.83		
	Right Tilt	0.54	0.25	0.19	0.22	0.24	0.79	0.73	0.76	0.78	0.79		
	Front 10mm	0.33	0.19	0.15	0.37	0.34	0.52	0.48	0.70	0.68	0.70		
Body	Rear 10mm	0.60	0.37	0.34	0.64	0.67	0.97	0.95	1.24	1.27	1.27		
	Left 10mm	0.11	0.20	0.07	0.19	0.12	0.31	0.18	0.30	0.23	0.31		
	Right 10mm		0.27	0.12	0.20	0.30	0.27	0.12	0.20	0.30	0.30		
	Bottom 10mm		0.26	0.13	0.46	0.66	0.26	0.13	0.46	0.66	0.66		
	Top 10mm	0.47					0.47	0.47	0.47	0.47	0.47		
	Front 17mm	0.65	0.27	0.15	0.37	0.34	0.92	0.80	1.02	0.99	1.02		
	Rear 17mm	0.63	0.22	0.34	0.32	0.27	0.85	0.97	0.95	0.90	0.97		
	Left 17mm	0.20		0.07	0.19	0.12	0.20	0.27	0.39	0.32	0.39		
	Top 22mm	0.77					0.77	0.77	0.77	0.77	0.77		

Test Position		1				Test Position		simultaneous transmission			
		WWAN	WLAN2.4G	WLAN5G	BT			1+2	1+3	1+4	1+3+4
Head	Left Cheek	0.59	0.31	0.35	0.02	Head	Left Cheek	0.90	0.94	0.61	0.96
	Left Tilt	0.47	0.29	0.35	0.00		Left Tilt	0.76	0.82	0.47	0.82
	Right Cheek	0.83	0.13	0.16	0.00		Right Cheek	0.96	0.99	0.83	0.99
	Right Tilt	0.79	0.16	0.19	0.00		Right Tilt	0.95	0.98	0.79	0.98
Body	Front 10mm	0.70	0.38	0.06	0.00	Body	Front 10mm	1.08	0.76	0.70	0.76
	Rear 10mm	1.27	0.48	0.39	0.01		Rear 10mm	1.75	1.66	1.28	1.67
	Left 10mm	0.31					Left 10mm	0.31	0.31	0.31	0.31
	Right 10mm	0.30	0.31	0.55	0.00		Right 10mm	0.61	0.85	0.30	0.85
	Bottom 10mm	0.66					Bottom 10mm	0.66	0.66	0.66	0.66
	Top 10mm	0.47	0.39	0.32	0.00		Top 10mm	0.86	0.79	0.47	0.79
	Front 17mm	1.02	0.23	0.25	0.00		Front 17mm	1.25	1.27	1.02	1.27
	Rear 17mm	0.97	0.25	0.55	0.00		Rear 17mm	1.22	1.52	0.97	1.52
	Left 17mm	0.39					Left 17mm	0.39	0.39	0.39	0.39
	Top 17mm	0.77	0.21	0.44	0.00		Top 17mm	0.98	1.21	0.77	1.21
	Front 22mm						Front 22mm				
	Rear 22mm						Rear 22mm				

Band	ANT	Position	SAR(W/kg)	distance	Pair SAR sum(W/kg)	SPLSR	Simultaneous SAR
LTE B13	0	Rear 10mm	0.64	135.42	1.24	0.010	Not required
n2	4		0.6				
LTE B14	0	Rear 10mm	0.67	135.44	1.27	0.011	Not required
n2	4		0.6				
Band		Position	SAR(W/kg)	distance	Pair SAR sum(W/kg)	SPLSR	Simultaneous SAR
LTE B13	0	Rear 10mm	0.64	135.62	1.12	0.009	Not required
WLAN 2.4G	6		0.48				
LTE B14	0	Rear 10mm	0.67	135.6	1.15	0.009	Not required
WLAN 2.4G	6		0.48				
n2	4	Rear 10mm	0.67	52.39	1.15	0.024	Not required
WLAN 2.4G	6		0.48				
Band		Position	SAR(W/kg)	distance	Pair SAR sum(W/kg)	SPLSR	Simultaneous SAR
LTE B13	0	Rear 10mm	0.64	142.52	1.01	0.007	Not required
WLAN 5G	6		0.37				
LTE B14	0	Rear 10mm	0.67	142.51	1.06	0.008	Not required
WLAN 5G	6		0.39				
n2	4	Rear 10mm	0.67	47.91	1.06	0.023	Not required
WLAN 5G	6		0.39				
Band		Position	SAR(W/kg)	distance	Pair SAR sum(W/kg)	SPLSR	Simultaneous SAR
LTE B13	0	Rear 10mm	0.64	171.51	0.65	0.003	Not required
BT	6		0.01				
LTE B14	0	Rear 10mm	0.67	171.5	0.68	0.003	Not required
BT	6		0.01				
n2	4	Rear 10mm	0.67	59.24	0.68	0.009	Not required
BT	6		0.01				

Test Position		ENDC			
		n2 (ANT1)	LTE B48 (ANT5)	48A_n2A (ANT5+1)	MAX. SAR 1g
Head	Left Cheek	0.29	0.46	0.75	0.75
	Left Tilt	0.13	0.47	0.61	0.61
	Right Cheek	0.16	0.26	0.42	0.42
	Right Tilt	0.08	0.27	0.35	0.35
Body	Front 10mm	0.38	0.16	0.54	0.54
	Rear 10mm	0.61	0.26	0.87	0.87
	Left 10mm	0.23	0.25	0.25	0.25
	Right 10mm		0.28	0.28	0.28
	Bottom 10mm	0.38		0.38	0.38
	Top 10mm		0.24	0.24	0.24
	Front 17mm	0.47	0.45	0.92	0.92
	Rear 17mm	0.43	0.45	0.88	0.88
	Left 17mm		0.47	0.47	0.47
	Top 17mm				
	Front 22mm				
	Rear 22mm				

Test Position		1			
		WWAN	WLAN2.4G	WLAN5G	BT
Head	Left Cheek	0.75	0.31	0.35	0.02
	Left Tilt	0.61	0.29	0.35	0.00
	Right Cheek	0.42	0.13	0.16	0.00
	Right Tilt	0.35	0.16	0.19	0.00
Body	Front 10mm	0.54	0.38	0.06	0.00
	Rear 10mm	0.87	0.48	0.39	0.01
	Left 10mm	0.23			
	Right 10mm	0.28	0.31	0.55	0.00
	Bottom 10mm	0.38			
	Top 10mm	0.24	0.39	0.32	0.00
	Front 17mm	0.92	0.23	0.25	0.00
	Rear 17mm	0.88	0.25	0.55	0.00
	Left 17mm		0.47	0.21	0.44
	Top 17mm				
	Front 22mm				
	Rear 22mm				

Test Position		simultaneous transmission			
		1+2	1+3	1+4	1+3+4
Head	Left Cheek	1.06	1.10	0.77	1.12
	Left Tilt	0.90	0.96	0.61	0.96
	Right Cheek	0.55	0.58	0.42	0.58
	Right Tilt	0.51	0.54	0.35	0.54
Body	Front 10mm	0.92	0.60	0.54	0.60
	Rear 10mm	1.35	1.28	0.88	1.27
	Left 10mm	0.25	0.25	0.25	0.25
	Right 10mm	0.59	0.83	0.28	0.83
	Bottom 10mm	0.38	0.38	0.38	0.38
	Top 10mm	0.63	0.56	0.24	0.56
	Front 17mm	1.15	1.17	0.92	1.17
	Rear 17mm	1.13	1.43	0.88	1.43
	Left 17mm		0.68	0.91	0.47
	Top 17mm				
	Front 22mm				
	Rear 22mm				

Test Position		SAR 1g(W/g)		ENDC												ENDC	
				n5 (ANT0)	LTE B2 (ANT4)	LTE B7 (ANT4)	LTE B30 (ANT4)	LTE B48 (ANT5)	LTE B66 (ANT4)	2A_n5A (ANT4+0)	7A_n5A (ANT4+0)	20A_n5A (ANT4+0)	48A_n5A (ANT5+0)	66A_n5A (ANT4+0)	MAX. SAR 1g		
Head	Left Cheek	0.33	0.36	0.13	0.30	0.70	0.28	0.69	0.46	0.63	1.03	0.61	1.03				
	Left Tilt	0.21	0.44	0.17	0.39	0.75	0.32	0.65	0.38	0.60	0.96	0.53	0.96				
	Right Cheek	0.34	0.51	0.35	0.46	0.37	0.46	0.85	0.69	0.80	0.71	0.80	0.85				
	Right Tilt	0.25	0.56	0.44	0.53	0.46	0.48	0.81	0.69	0.78	0.71	0.73	0.71				
Body	Front 10mm	0.28	0.35	0.12	0.21	0.41	0.40	0.63	0.40	0.49	0.69	0.68	0.69				
	Rear 10mm	0.67	0.62	0.39	0.57	0.62	0.61	1.29	1.07	1.24	1.30	1.28	1.30				
	Left 10mm	0.12	0.10	0.15	0.10			0.19	0.22	0.28	0.23	0.31	0.31				
	Right 10mm	0.23				0.28		0.23	0.23	0.23	0.51	0.23	0.51				
	Bottom 10mm	0.48						0.48	0.48	0.48	0.48	0.48	0.48				
	Top 10mm		0.42	0.33	0.46	0.58	0.51	0.42	0.33	0.46	0.58	0.51	0.51				
	Front 17mm	0.28	0.50	0.30	0.39	0.45	0.61	0.78	0.58	0.67	0.73	0.89	0.89				
	Rear 17mm	0.25	0.50	0.71	0.20	0.45	0.63	0.75	0.96	0.45	0.70	0.88	0.96				
	Left 17mm	0.12	0.43	0.37	0.29	0.43	0.27	0.55	0.49	0.41	0.12	0.39	0.55				

Test Position		SAR 1g(W/kg)				Test Position		SAR 1g(W/kg)				simultaneous transmission			
		1	2	3	4			1+2	1+3	1+4	1+3+4				
		WWAN	WLAN2.4G	WLAN5G	BT										
Head	Left Cheek	1.03	0.31	0.35	0.02	Head	Left Cheek	1.34	1.38	1.05	1.40	Body	Left Cheek	1.34	1.38
	Left Tilt	0.96	0.29	0.35	0.00		Left Tilt	1.25	1.31	0.96	1.31		Left Tilt	1.25	1.31
	Right Cheek	0.85	0.13	0.16	0.00		Right Cheek	0.97	1.01	0.85	1.01		Right Cheek	0.97	1.01
	Right Tilt	0.81	0.16	0.19	0.00		Right Tilt	0.96	1.00	0.81	1.00		Right Tilt	0.96	1.00
	Front 10mm	0.69	0.38	0.06	0.00		Front 10mm	1.07	0.75	0.69	0.75		Front 10mm	1.07	0.75
Body	Rear 10mm	1.30	0.48	0.39	0.01	Body	Rear 10mm	1.78	1.89	1.31	1.70		Rear 10mm	1.78	1.89
	Left 10mm	0.31					Left 10mm	0.31	0.31	0.31	0.31		Left 10mm	0.31	0.31
	Right 10mm	0.51	0.31	0.55	0.00		Right 10mm	0.82	1.06	0.51	1.06		Right 10mm	0.82	1.06
	Bottom 10mm	0.48					Bottom 10mm	0.48	0.48	0.48	0.48		Bottom 10mm	0.48	0.48
	Top 10mm	0.58	0.39	0.32	0.00		Top 10mm	0.97	0.90	0.58	0.90		Top 10mm	0.97	0.90
	Front 17mm	0.89	0.23	0.25	0.00		Front 17mm	1.12	1.14	0.89	1.14		Front 17mm	1.12	1.14
	Rear 27mm	0.96	0.25	0.55	0.00		Rear 27mm	1.21	1.51	0.96	1.51		Rear 27mm	1.21	1.51
	Left 17mm	0.55					Left 17mm	0.55	0.55	0.55	0.55		Left 17mm	0.55	0.55
	Top 22mm	0.76	0.21	0.44			Top 22mm	0.97	1.20	0.76	1.20		Top 22mm	0.97	1.20

Band	ANT	Position	SAR(W/kg)	distance	Pair SAR sum(W/kg)	SPLSR	Simultaneous SAR
LTE B2	4	Rear 10mm	0.62	126.99	1.29	0.012	Not required
n5	0		0.67				
LTE B30	4	Rear 10mm	0.57	128.92	1.24	0.011	Not required
n5	0		0.67				
LTE B48	5	Rear 10mm	0.26	139.46	0.93	0.006	Not required
n5	0		0.67				
LTE B66	4	Rear 10mm	0.61	148.7	1.28	0.010	Not required
n5	0		0.67				
Band	ANT	Position	SAR(W/kg)	distance	Pair SAR sum(W/kg)	SPLSR	Simultaneous SAR
LTE B2	4	Rear 10mm	0.62	52.15	1.1	0.022	Not required
WLAN 2.4G	6		0.48				
LTE B30	4	Rear 10mm	0.57	50.78	1.05	0.021	Not required
WLAN 2.4G	6		0.48				
LTE B48	5	Rear 10mm	0.26	22.7	0.74	0.028	Not required
WLAN 2.4G	6		0.48				
LTE B66	4	Rear 10mm	0.61	66.47	1.09	0.017	Not required
WLAN 2.4G	6		0.48				
Band	ANT	Position	SAR(W/kg)	distance	Pair SAR sum(W/kg)	SPLSR	Simultaneous SAR
LTE B2	4	Rear 10mm	0.62	45.92	1.01	0.022	Not required
WLAN 5G	6		0.39				
LTE B30	4	Rear 10mm	0.57	44.28	0.96	0.021	Not required
WLAN 5G	6		0.39				
LTE B48	5	Rear 10mm	0.26	16.21	0.65	0.032	Not required
WLAN 5G	6		0.39				
LTE B66	4	Rear 10mm	0.61	58.71	1	0.017	Not required
WLAN 5G	6		0.39				
Band	ANT	Position	SAR(W/kg)	distance	Pair SAR sum(W/kg)	SPLSR	Simultaneous SAR
LTE B2	4	Rear 10mm	0.62	51.68	0.63	0.010	Not required
BT	6		0.01				
LTE B30	4	Rear 10mm	0.57	49.33	0.58	0.009	Not required
BT	6		0.01				
LTE B48	5	Rear 10mm	0.26	16.76	0.27	0.008	Not required
BT	6		0.01				
LTE B66	4	Rear 10mm	0.61	53.17	0.62	0.009	Not required
BT	6		0.01				
Band	ANT	Position	SAR(W/kg)	distance	Pair SAR sum(W/kg)	SPLSR	Simultaneous SAR
N5	0	Rear 10mm	0.67	152.66	0.68	0.004	Not required
BT	6		0.01				
N5	0	Rear 10mm	0.67	116.97	1.15	0.011	Not required
WLAN 2.4G	6		0.48				
N5	0	Rear 10mm	0.67	123.74	1.06	0.009	Not required
WLAN 5G	6		0.39				

Test Position		SAR 1g(V/kg)	n25 (ANT1)	ENDC LTE B12 (ANT0)	12A n25A (ANT0+4)	ENDC MAX. SAR 1g
Head	Left Cheek	0.23	0.24	0.47	0.47	
	Left Tilt	0.34	0.18	0.52	0.52	
	Right Cheek	0.59	0.16	0.74	0.74	
	Right Tilt	0.63	0.19	0.82	0.82	
	Front 10mm	0.23	0.15	0.37	0.37	
Body	Rear 10mm	0.42	0.34	0.76	0.76	
	Left 10mm	0.08	0.07	0.15	0.15	
	Right 10mm		0.12	0.12	0.12	
	Bottom 10mm		0.13	0.13	0.13	
	Top 10mm	0.37		0.37	0.37	
	Front 17mm	0.60	0.15	0.75	0.75	
	Rear 27mm	0.64	0.34	0.98	0.98	
	Left 17mm	0.18	0.07	0.25	0.25	
	Top 22mm	0.78		0.78	0.78	

Test Position		SAR 1g(V/kg)	1 WWAN	2 WLAN2.4G	3 WLAN5G	4 BT
Head	Left Cheek	0.47	0.31	0.35	0.02	
	Left Tilt	0.52	0.29	0.35	0.00	
	Right Cheek	0.74	0.13	0.16	0.00	
	Right Tilt	0.82	0.16	0.19	0.00	
	Front 10mm	0.37	0.38	0.06	0.00	
Body	Rear 10mm	0.76	0.48	0.39	0.01	
	Left 10mm	0.15				
	Right 10mm	0.12	0.31	0.55	0.00	
	Bottom 10mm	0.13				
	Top 10mm	0.37	0.39	0.32	0.00	
	Front 17mm	0.75	0.23	0.25	0.00	
	Rear 27mm	0.98	0.25	0.55	0.00	
	Left 17mm	0.25				
	Top 22mm	0.78	0.21	0.44		

Test Position		SAR 1g(V/kg)	simultaneous transmission			
			1+2	1+3	1+4	1+3+4
Head	Left Cheek	0.77	0.81	0.49	0.83	
	Left Tilt	0.81	0.88	0.52	0.88	
	Right Cheek	0.87	0.91	0.74	0.91	
	Right Tilt	0.97	1.01	0.82	1.01	
	Front 10mm	0.73	0.44	0.37	0.44	
Body	Rear 10mm	1.24	1.15	0.77	1.16	
	Left 10mm	0.15	0.15	0.15	0.15	
	Right 10mm	0.43	0.67	0.12	0.67	
	Bottom 10mm	0.13	0.13	0.13	0.13	
	Top 10mm	0.76	0.69	0.37	0.69	
	Front 17mm	0.98	1.00	0.75	1.00	
	Rear 27mm	1.23	1.53	0.98	1.53	
	Left 17mm	0.25	0.25	0.25	0.25	
	Top 22mm	0.99	1.22	0.78	1.22	

Test Position		SAR 1g(V/kg)	n25 (ANT1)	LTE B48 (ANT5)	48A n25A (ANT5+1)	ENDC MAX. SAR 1g
Head	Left Cheek	0.25	0.46	0.71	0.71	
	Left Tilt	0.06	0.47	0.54	0.54	
	Right Cheek	0.14	0.26	0.40	0.40	
	Right Tilt	0.08	0.27	0.34	0.34	
	Front 10mm	0.27	0.16	0.43	0.43	
Body	Rear 10mm	0.62	0.26	0.88	0.88	
	Left 10mm	0.18		0.18	0.18	
	Right 10mm	0.28		0.28	0.28	
	Bottom 10mm	0.34		0.34	0.34	
	Top 10mm	0.24	0.24	0.24	0.24	
	Front 17mm	0.24	0.45	0.69	0.69	
	Rear 27mm	0.25	0.45	0.70	0.70	
	Left 17mm	0.40		0.40	0.40	
	Top 22mm	0.47	0.47	0.47	0.47	

Test Position		SAR 1g(V/kg)	1 WWAN	2 WLAN2.4G	3 WLAN5G	4 BT
Head	Left Cheek	0.71	0.31	0.35	0.02	
	Left Tilt	0.54	0.29	0.35	0.00	
	Right Cheek	0.40	0.13	0.16	0.00	
	Right Tilt	0.34	0.16	0.19	0.00	
	Front 10mm	0.43	0.38	0.06	0.00	
Body	Rear 10mm	0.88	0.48	0.39	0.01	
	Left 10mm	0.18				
	Right 10mm	0.28	0.31	0.55	0.00	
	Bottom 10mm	0.34				
	Top 10mm	0.24	0.39	0.32	0.00	
	Front 17mm	0.69	0.23	0.25	0.00	
	Rear 27mm	0.70	0.25	0.55	0.00	
	Left 17mm	0.40				
	Top 22mm	0.47	0.21	0.44		

Test Position		SAR 1g(V/kg)	simultaneous transmission			
			1+2	1+3	1+4	1+3+4
Head	Left Cheek	1.02	1.06	0.73	1.08	
	Left Tilt	0.83	0.89	0.54	0.89	
	Right Cheek	0.52	0.56	0.40	0.56	
	Right Tilt	0.50	0.51	0.34	0.54	
	Front 10mm	0.81	0.49	0.43	0.49	
Body	Rear 10mm	1.36	1.27	0.89	1.28	
	Left 10mm	0.18	0.18	0.18	0.18	
	Right 10mm	0.59	0.83	0.28	0.83	
	Bottom 10mm	0.34	0.34	0.34	0.34	
	Top 10mm	0.63	0.56	0.24	0.56	
	Front 15mm	0.92	0.94	0.69	0.94	
	Rear 19mm	0.95	1.25	0.70	1.25	
	Bottom 15mm	0.40	0.40	0.40	0.40	
	Top 17mm	0.68	0.91	0.47	0.91	

Test Position		SAR 1g(V/kg)	ENDC											ENDC MAX. SAR 1g
			n41 (ANT4)	LTE B2 (ANT1)	LTE B4 (ANT1)	LTE B12 (ANT0)	LTE B25 (ANT1)	LTE B66 (ANT1)	2A n41A (ANT1+4)	4A n41A (ANT1+4)	12A n41A (ANT0+4)	25A n41A (ANT1+4)	66A n41A (ANT1+4)	
Head	Left Cheek	0.12	0.32	0.34	0.24	0.32	0.34	0.45	0.47	0.36	0.45	0.47	0.47	
	Left Tilt	0.17	0.11	0.21	0.18	0.26	0.32	0.28	0.38	0.35	0.42	0.49	0.49	
	Right Cheek	0.30	0.21	0.20	0.16	0.40	0.35	0.51	0.50	0.46	0.70	0.65	0.70	
	Right Tilt	0.45	0.14	0.18	0.19	0.17	0.18	0.59	0.63	0.64	0.62	0.63	0.64	
	Front 10mm	0.13	0.40	0.19	0.15	0.27	0.32	0.53	0.32	0.28	0.40	0.45	0.53	
Body	Rear 10mm	0.51	0.58	0.28	0.34	0.47	0.53	1.09	0.79	0.85	0.98	1.04	1.09	
	Left 10mm	0.17	0.30	0.19	0.07	0.18	0.22	0.47	0.36	0.24	0.35	0.39	0.47	
	Right 10mm				0.12			0.00	0.00	0.12	0.00	0.00	0.12	
	Bottom 10mm		0.53	0.18	0.13	0.37	0.32	0.53	0.18	0.13	0.37	0.32	0.53	
	Top 10mm	0.32					0.32	0.32	0.32	0.32	0.32	0.32	0.32	
	Front 17mm	0.23	0.37	0.39	0.15	0.49	0.32	0.60	0.62	0.38	0.72	0.55	0.72	
	Rear 27mm	0.31	0.36	0.38	0.34	0.40	0.34	0.67	0.69	0.65	0.71	0.65	0.71	
	Left 17mm	0.29	0.30	0.33	0.07	0.35	0.36	0.59	0.62	0.36	0.64	0.65	0.65	
	Top 22mm	0.39					0.39	0.39	0.39	0.39	0.39	0.39	0.39	

Test Position		SAR 1g(V/kg)	1 WWAN	2 WLAN2.4G	3 WLAN5G	4 BT
Head	Left Cheek	0.47	0.31	0.35	0.02	
	Left Tilt	0.49	0.29	0.35	0.00	
	Right Cheek	0.70	0.13	0.16	0.00	
	Right Tilt	0.64	0.16	0.19	0.00	
	Front 10mm	0.53	0.38	0.06	0.00	
Body	Rear 10mm	1.09	0.48	0.39	0.01	
	Left 10mm	0.47				
	Right 10mm	0.12	0.31	0.55	0.00	
	Bottom 10mm	0.53				
	Top 10mm	0.32	0.39	0.32	0.00	
	Front 17mm	0.72	0.23	0.25	0.00	
	Rear 27mm	0.71	0.25	0.55	0.00	
	Left 17mm	0.65				
	Top 22mm	0.39	0.21	0.44		

Test Position		SAR 1g(V/kg)	simultaneous transmission			
			1+2	1+3	1+4	1+3+4
Head	Left Cheek	0.77	0.82	0.49	0.84	
	Left Tilt	0.78	0.84	0.49	0.84	
	Right Cheek	0.83	0.86	0.70	0.86	
	Right Tilt	0.80	0.84	0.64	0.84	
	Front 10mm	0.91	0.59	0.53	0.59	
Body	Rear 10mm	1.57	1.48	1.10	1.49	
	Left 10mm	0.47	0.47	0.47	0.47	
	Right 10mm	0.43	0.67	0.12	0.67	
	Bottom 10mm	0.53	0.53	0.53	0.53	
	Top 10mm	0.71	0.64	0.32	0.64	
	Front 17mm	0.95	0.97	0.72	0.97	
	Rear 27mm	0.96	1.26	0.71	1.26	
	Left 17mm	0.65	0.65	0.65	0.65	
	Top 22mm	0.60	0.83	0.39	0.83	

Test Position		SAR 1g(V/kg)	n48 (ANT5)	ENDC LTE B66 (ANT1)	66A n48A (ANT1+5)	ENDC MAX. SAR 1g
Head	Left Cheek	0.68	0.34	1.02	1.02	
	Left Tilt	0.69	0.32	1.01	1.01	
	Right Cheek	0.51	0.35	0.86	0.86	
	Right Tilt	0.54	0.18	0.72	0.72	
	Front 10mm	0.37	0.32	0.70	0.70	
Body	Rear 10mm	0.48	0.53	1.01	1.01	
	Left 10mm		0.22	0.22	0.22	
	Right 10mm			0.00	0.00	
	Bottom 10mm		0.32	0.32	0.32	
	Top 10mm	0.55		0.55	0.55	
	Front 17mm	0.64	0.32	0.96	0.96	
	Rear 27mm	0.65	0.34	0.99	0.99	
	Left 17mm		0.36	0.36	0.36	
	Top 22mm	0.44		0.44	0.44	

Test Position		SAR 1g(V/kg)	1	2	3	4
			WWAN	WLAN2.4G	WLAN5G	BT
Head	Left Cheek	1.02	0.31	0.35	0.02	
	Left Tilt	1.01	0.29	0.35	0.00	
	Right Cheek	0.86	0.13	0.16	0.00	
	Right Tilt	0.72	0.16	0.19	0.00	
	Front 10mm	0.70	0.38	0.06	0.00	
Body	Rear 10mm	1.01	0.48	0.39	0.01	
	Left 10mm	0.22				
	Right 10mm	0.00	0.31	0.55	0.00	
	Bottom 10mm	0.32				
	Top 10mm	0.55	0.36	0.32	0.00	
	Front 17mm	0.96	0.23	0.25	0.00	
	Rear 27mm	0.99	0.25	0.55	0.00	
	Left 17mm	0.36				
	Top 22mm	0.44	0.21	0.44		

Test Position		SAR 1g(W/kg)				Test Position		SAR 1g(W/kg)				simultaneous transmission			
		1	2	3	4			1+2	1+3	1+4	1+3+4				
		WWAN	WLAN2.4G	WLAN5G	BT			1+2	1+3	1+4	1+3+4				
Head	Left Cheek	0.69	0.31	0.35	0.02	Head	Left Cheek	0.99	1.03	0.71	1.05	Body	Left Cheek	0.86	0.91
	Left Tilt	0.61	0.29	0.35	0.00		Left Tilt	0.90	0.96	0.61	0.96		Left Tilt	0.86	0.93
	Right Cheek	0.91	0.13	0.16	0.00		Right Cheek	1.04	1.07	0.91	1.07		Right Cheek	0.93	0.96
	Right Tilt	0.92	0.16	0.19	0.00		Right Tilt	1.07	1.11	0.92	1.11		Right Tilt	0.87	0.91
	Front 10mm	0.68	0.38	0.06	0.00		Front 10mm	1.06	0.75	0.68	0.75		Front 10mm	0.99	0.67
Body	Rear 10mm	1.20	0.48	0.39	0.01	Body	Rear 10mm	1.68	1.59	1.21	1.60		Rear 10mm	1.59	1.49
	Left 10mm	0.38					Left 10mm	0.38	0.38	0.38	0.38		Left 10mm	0.29	0.29
	Right 10mm	0.42	0.31	0.55	0.00		Right 10mm	0.73	0.97	0.42	0.97		Right 10mm	0.88	0.96
	Bottom 10mm	0.66					Bottom 10mm	0.66	0.66	0.66	0.66		Bottom 10mm	0.68	0.68
	Top 10mm	0.36	0.39	0.32	0.00		Top 10mm	0.75	0.68	0.36	0.68		Top 10mm	0.90	0.83
	Rear 27mm	0.80	0.23	0.25	0.00		Front 15mm	1.03	1.05	0.80	1.05		Front 17mm	1.05	1.07
	Rear 29mm	0.80	0.25	0.55	0.00		Rear 27mm	1.05	1.35	0.80	1.35		Rear 27mm	1.24	1.54
	Left 17mm	0.38					Left 17mm	0.38	0.38	0.38	0.38		Left 17mm	0.53	0.53
	Top 22mm	0.59	0.21	0.44			Top 17mm	0.80	1.03	0.59	1.03		Top 22mm	0.97	1.20

Band	ANT	Position	SAR(W/kg)	distance	Pair SAR sum(W/kg)	SPLSR	Simultaneous SAR
LTE B13	0	Rear 10mm	0.64	144.87	1.17	0.009	Not required
n66	4		0.53				
LTE B14	0	Rear 10mm	0.67	144.9	1.2	0.009	Not required
n66	4		0.53				
Band		Position	SAR(W/kg)	distance	Pair SAR sum(W/kg)	SPLSR	Simultaneous SAR
LTE B13	0	Rear 10mm	0.64	135.62	1.12	0.009	Not required
WLAN 2.4G	6		0.48				
LTE B14	0	Rear 10mm	0.67	135.6	1.15	0.009	Not required
WLAN 2.4G	6		0.48				
n66	4	Rear 10mm	0.53	63.89	1.01	0.016	Not required
WLAN 2.4G	6		0.48				
Band		Position	SAR(W/kg)	distance	Pair SAR sum(W/kg)	SPLSR	Simultaneous SAR
LTE B13	0	Rear 10mm	0.64	142.52	1.03	0.007	Not required
WLAN 5G	6		0.39				
LTE B14	0	Rear 10mm	0.67	142.51	1.06	0.008	Not required
WLAN 5G	6		0.39				
n66	4	Rear 10mm	0.53	58.35	0.92	0.015	Not required
WLAN 5G	6		0.39				
Band		Position	SAR(W/kg)	distance	Pair SAR sum(W/kg)	SPLSR	Simultaneous SAR
LTE B13	0	Rear 10mm	0.64	171.51	0.65	0.003	Not required
BT	6		0.01				
LTE B14	0	Rear 10mm	0.67	171.5	0.68	0.003	Not required
BT	6		0.01				
n66	4	Rear 10mm	0.53	64.57	0.54	0.006	Not required
BT	6		0.01				

Test Position		SAR 1g(W/kg)				Test Position		SAR 1g(W/kg)				Test Position		SAR 1g(W/kg)			
		n66 (ANT1)	LTE B48 (ANT5)	48A n66A (ANT5+1)	ENDC MAX. SAR 1g			1	2	3	4			1+2	1+3	1+4	1+3+4
Head	Left Cheek	0.37	0.46	0.83	0.83	Head	Left Cheek	0.83	0.31	0.35	0.02	Head	Left Cheek	1.14	1.18	0.83	1.20
	Left Tilt	0.18	0.47	0.66	0.66		Left Tilt	0.66	0.29	0.35	0.00		Left Tilt	0.95	1.01	0.66	1.01
	Right Cheek	0.18	0.26	0.44	0.44		Right Cheek	0.44	0.13	0.16	0.00		Right Cheek	0.56	0.60	0.44	0.60
	Right Tilt	0.16	0.27	0.42	0.42		Right Tilt	0.42	0.16	0.19	0.00		Right Tilt	0.58	0.62	0.42	0.62
	Front 10mm	0.14	0.16	0.29	0.29		Front 10mm	0.29	0.38	0.06	0.00		Front 10mm	0.67	0.36	0.29	0.36
Body	Rear 10mm	0.29	0.26	0.55	0.55	Body	Rear 10mm	0.55	0.48	0.39	0.01	Body	Rear 10mm	1.03	0.94	0.56	0.95
	Left 10mm	0.10		0.10	0.10		Left 10mm	0.10					Left 10mm	0.10	0.10	0.10	0.10
	Right 10mm	0.28	0.28	0.28	0.28		Right 10mm	0.28	0.31	0.55	0.00		Right 10mm	0.59	0.83	0.28	0.83
	Bottom 10mm	0.14		0.14	0.14		Bottom 10mm	0.14					Bottom 10mm	0.14	0.14	0.14	0.14
	Top 10mm		0.24	0.24	0.24		Top 10mm	0.24	0.39	0.32	0.00		Top 10mm	0.63	0.56	0.24	0.56
	Front 17mm	0.33	0.45	0.78	0.78		Front 17mm	0.78	0.23	0.25	0.00		Front 17mm	1.01	1.03	0.78	1.03
	Rear 27mm	0.34	0.45	0.79	0.79		Rear 27mm	0.79	0.25	0.55	0.00		Rear 27mm	1.04	1.34	0.79	1.34
	Top 22mm		0.47	0.47	0.47		Top 22mm	0.47	0.21	0.44			Top 22mm	0.68	0.91	0.47	0.91

Test Position		ENDC							
		n71 (ANT0)	LTE B2 (ANT4)	LTE B7 (ANT4)	LTE B66 (ANT4)	2A n71A (ANT4+0)	7A n71A (ANT4+0)	66A n71A (ANT4+0)	ENDC MAX. SAR 1g
Head	Left Cheek	0.20	0.36	0.13	0.28	0.56	0.32	0.48	0.56
	Left Tilt	0.14	0.44	0.17	0.32	0.57	0.31	0.45	0.57
	Right Cheek	0.29	0.51	0.35	0.46	0.80	0.64	0.75	0.80
	Right Tilt	0.16	0.56	0.44	0.48	0.72	0.60	0.64	0.72
	Front 10mm	0.21	0.35	0.12	0.40	0.56	0.33	0.61	0.61
Body	Rear 10mm	0.49	0.62	0.39	0.61	1.11	0.88	1.10	1.11
	Left 10mm	0.10	0.10	0.15	0.19	0.20	0.25	0.29	0.29
	Right 10mm	0.35				0.35	0.35	0.35	0.35
	Bottom 10mm	0.38				0.38	0.38	0.38	0.38
	Top 10mm		0.42	0.33	0.51	0.42	0.33	0.51	0.51
	Front 17mm	0.21	0.50	0.30	0.61	0.71	0.51	0.82	0.82
	Rear 27mm	0.49	0.50	0.37	0.43	0.99	0.86	0.92	0.99
	Left 17mm	0.10	0.43	0.37	0.27	0.53	0.47	0.37	0.53
	Top 22mm		0.53	0.76	0.68	0.53	0.76	0.68	0.76

Test Position		SAR 1g(W/kg)				Test Position		SAR 1g(W/kg)				Test Position		simultaneous transmission			
		1	2	3	4			1+2	1+3	1+4	1+3+4			1+2	1+3	1+4	1+3+4
Head	Left Cheek	0.56	0.31	0.35	0.02	Head	Left Cheek	0.86	0.91	0.58	0.93	Body	Left Cheek	0.86	0.91	0.58	0.93
	Left Tilt	0.57	0.29	0.35	0.00		Left Tilt	0.86	0.93	0.57	0.93		Left Tilt	0.86	0.93	0.57	0.93
	Right Cheek	0.80	0.13	0.16	0.00		Right Cheek	0.93	0.96	0.80	0.96		Right Cheek	0.87	0.91	0.72	0.91
	Right Tilt	0.72	0.16	0.19	0.00		Right Tilt	0.87	0.91	0.72	0.91		Right Tilt	0.87	0.91	0.72	0.91
	Front 10mm	0.61	0.38	0.06	0.00		Front 10mm	0.99	0.67	0.61	0.67		Front 10mm	0.99	0.67	0.61	0.67
Body	Rear 10mm	1.11	0.48	0.39	0.01	Body	Rear 10mm	1.59	1.49	1.12	1.50		Rear 10mm	1.59	1.49	1.12	1.50
	Left 10mm	0.29					Left 10mm	0.29	0.29	0.29	0.29		Left 10mm	0.29	0.29	0.29	0.29
	Right 10mm	0.35	0.31	0.55	0.00		Right 10mm	0.68	0.90	0.35	0.90		Right 10mm	0.88	0.96	0.35	0.90
	Bottom 10mm	0.38					Bottom 10mm	0.38	0.38	0.38	0.38		Bottom 10mm	0.38	0.38	0.38	0.38
	Top 10mm	0.51	0.39	0.32	0.00		Top 10mm	0.90	0.83	0.51	0.83		Top 10mm	0.90	0.83	0.51	0.83
	Front 17mm	0.82	0.23	0.25	0.00		Front 17mm	1.05	1.07	0.82	1.07		Front 17mm	1.05	1.07	0.82	1.07
	Rear 27mm	0.99	0.25	0.55	0.00		Rear 27mm	1.24	1.54	0.99	1.54		Rear 27mm	1.24	1.54	0.99	1.54
	Left 17mm	0.53					Left 17mm	0.53	0.53	0.53	0.53		Left 17mm	0.53	0.53	0.53	0.53
	Top 22mm	0.76	0.21	0.44			Top 22mm	0.97	1.20	0.76	1.20		Top 22mm	0.97	1.20	0.76	1.20



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N77-L

Test Position		SAR 1g (W/h)	ENDC																		ENDC
			n77 (ANT1)	LTE B2 (ANT1)	LTE B5 (ANT0)	LTE B7 (ANT0)	LTE B12 (ANT0)	LTE B13 (ANT0)	LTE B14 (ANT0)	LTE B30 (ANT0)	LTE B66 (ANT1)	2A n77A (ANT1+5)	5A n77A (ANT0+5)	7A n77A (ANT0+5)	12A n77A (ANT0+5)	13A n77A (ANT0+5)	14A n77A (ANT0+5)	30A n77A (ANT0+5)	66A n77A (ANT1+5)	MAX. SAR 1g	
Head	Left Cheek	0.64	0.32	0.35	0.04	0.24	0.33	0.29	0.02	0.34	0.96	0.99	0.68	0.88	0.97	0.93	0.66	0.98	0.99		
	Left Tilt	0.71	0.11	0.19	0.00	0.18	0.20	0.19	0.00	0.32	0.82	0.90	0.71	0.89	0.91	0.90	0.71	1.03	1.03		
	Right Cheek	0.46	0.21	0.34	0.08	0.16	0.31	0.35	0.03	0.35	0.66	0.80	0.54	0.62	0.77	0.80	0.49	0.81	0.81		
	Right Tilt	0.51	0.14	0.25	0.00	0.19	0.22	0.24	0.00	0.18	0.65	0.76	0.51	0.70	0.73	0.75	0.51	0.69	0.76		
	Front 10mm	0.44	0.40	0.19	0.25	0.15	0.37	0.34	0.21	0.32	0.84	0.63	0.69	0.59	0.81	0.79	0.65	0.77	0.84		
Body	Rear 10mm	0.43	0.58	0.37	0.44	0.34	0.64	0.67	0.54	0.53	1.01	0.80	0.87	0.77	1.07	1.10	0.97	0.96	1.10		
	Left 10mm	0.13	0.30	0.20		0.07	0.19	0.12		0.22	0.43	0.33	0.13	0.19	0.32	0.25	0.13	0.35	0.43		
	Right 10mm	0.06		0.27		0.12	0.20	0.20			0.06	0.33	0.06	0.18	0.26	0.26	0.06	0.06	0.36		
	Bottom 10mm		0.53	0.26	0.59	0.13	0.46	0.66	0.47	0.32	0.53	0.26	0.39	0.13	0.46	0.66	0.47	0.32	0.66		
	Top 10mm		0.66								0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66		
	Front 23mm	0.46	0.37	0.27	0.48	0.15	0.37	0.34	0.29	0.32	0.83	0.73	0.94	0.61	0.83	0.80	0.75	0.78	0.94		
	Rear 27mm	0.50	0.36	0.22	0.30	0.34	0.32	0.27	0.46	0.34	0.86	0.72	0.80	0.84	0.82	0.77	0.96	0.84	0.96		
	Left 17mm		0.30		0.04	0.07	0.19	0.12	0.04	0.36	0.30	0.00	0.04	0.07	0.19	0.12	0.04	0.36	0.36		
	Top 27mm	0.62									0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62		

Test Position		SAR 1g (W/h)	1	2	3	4
			WWAN	WLAN2.4G	WLAN5G	BT
Head	Left Cheek	0.99	0.31	0.35	0.02	
	Left Tilt	1.00	0.29	0.35	0.00	
	Right Cheek	0.81	0.13	0.16	0.00	
	Right Tilt	0.76	0.16	0.19	0.00	
	Front 10mm	0.84	0.38	0.06	0.00	
Body	Rear 10mm	1.10	0.48	0.39	0.01	
	Left 10mm	0.43				
	Right 10mm	0.36	0.31	0.55	0.00	
	Bottom 10mm	0.66				
	Top 10mm	0.66	0.39	0.32	0.00	
	Front 17mm	0.94	0.23	0.25	0.00	
	Rear 27mm	0.96	0.25	0.55	0.00	
	Left 17mm	0.36				
	Top 22mm	0.62	0.21	0.44		

Test Position		SAR 1g (W/h)	simultaneous transmission			
			1+2	1+3	1+4	1+3+4
Head	Left Cheek	1.30	1.34	1.01	1.36	
	Left Tilt	1.32	1.38	1.03	1.38	
	Right Cheek	0.93	0.97	0.81	0.97	
	Right Tilt	0.91	0.95	0.76	0.95	
	Front 10mm	1.22	0.91	0.84	0.91	
Body	Rear 10mm	1.58	1.49	1.11	1.50	
	Left 10mm	0.43	0.43	0.43	0.43	
	Right 10mm	0.67	0.91	0.36	0.91	
	Bottom 10mm	0.66	0.66	0.66	0.66	
	Top 10mm	1.05	0.98	0.66	0.98	
	Front 17mm	1.17	1.19	0.94	1.19	
	Rear 27mm	1.21	1.51	0.96	1.51	
	Left 17mm	0.36	0.36	0.36	0.36	
	Top 22mm	0.83	1.06	0.62	1.06	

N77-H

Test Position		SAR 1g(W/h)	ENDC																		ENDC	
			n77 (ANT1)	LTE B2 (ANT1)	LTE B5 (ANT0)	LTE B7 (ANT0)	LTE B12 (ANT0)	LTE B13 (ANT0)	LTE B14 (ANT0)	LTE B30 (ANT0)	LTE B66 (ANT1)	LTE B71 (ANT0)	2A n77A (ANT1+5)	5A n77A (ANT0+5)	7A n77A (ANT0+5)	12A n77A (ANT0+5)	13A n77A (ANT0+5)	14A n77A (ANT0+5)	30A n77A (ANT0+5)	66A n77A (ANT1+5)	71A n77A (ANT0+5)	Max. SAR 1g
Head	Left Cheek	0.47	0.32	0.35	0.04	0.24	0.33	0.29	0.02	0.34	0.82	0.79	0.82	0.51	0.71	0.80	0.76	0.49	0.81	0.52	0.82	
	Left Tilt	0.68	0.11	0.19	0.00	0.18	0.20	0.19	0.00	0.32	0.15	0.80	0.87	0.68	0.86	0.89	0.87	0.68	1.00	0.46	1.00	
	Right Cheek	0.35	0.21	0.34	0.08	0.16	0.31	0.35	0.03	0.35	0.76	0.55	0.69	0.43	0.50	0.66	0.59	0.38	0.69	0.47	0.69	
	Right Tilt	0.40	0.14	0.25	0.00	0.19	0.22	0.24	0.00	0.18	0.82	0.54	0.65	0.40	0.49	0.59	0.63	0.64	0.40	0.58	0.36	
	Front 10mm	0.25	0.40	0.19	0.25	0.15	0.37	0.34	0.21	0.32	0.23	0.65	0.43	0.50	0.39	0.62	0.59	0.46	0.57	0.63	0.65	
Body	Rear 10mm	0.27	0.58	0.37	0.44	0.34	0.64	0.67	0.54	0.53	0.84	0.85	0.64	0.71	0.91	0.94	0.81	0.80	1.02	0.84		
	Left 10mm	0.03	0.30	0.20		0.07	0.19	0.12		0.22	0.25	0.34	0.23	0.16	0.22	0.16	0.03	0.25	0.56	0.34		
	Right 10mm	0.09	0.27	0.27	0.12	0.20	0.30			0.42	0.09	0.36	0.09	0.21	0.29	0.39	0.09	0.09	0.42	0.39		
	Bottom 10mm		0.53	0.26	0.59	0.13	0.46	0.66	0.47	0.32	0.13	0.53	0.26	0.39	0.13	0.46	0.66	0.47	0.32	0.66	0.66	
	Top 10mm	0.44									0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	
	Front 23mm	0.46	0.37	0.27	0.48	0.15	0.37	0.34	0.29	0.32	0.23	0.83	0.73	0.94	0.61	0.83	0.80	0.73	0.78	0.60	0.94	
	Rear 27mm	0.43	0.36	0.22	0.30	0.34	0.32	0.27	0.46	0.34	0.44	0.79	0.65	0.73	0.77	0.75	0.70	0.89	0.77	0.80	0.89	
	Left 17mm		0.30		0.04	0.07	0.19	0.12	0.04	0.36	0.30	0.00	0.04	0.07	0.19	0.12	0.04	0.36	0.55	0.36		
	Top 27mm	0.50									0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	

Test Position		SAR 1g (W/h)	1	2	3	4
			WWAN	WLAN2.4G	WLAN5G	BT
Head	Left Cheek	0.82	0.31	0.35	0.02	
	Left Tilt	1.00	0.29	0.35	0.00	
	Right Cheek	0.69	0.13	0.16	0.00	
	Right Tilt	0.65	0.16	0.19	0.00	
	Front 10mm	0.65	0.38	0.06	0.00	
Body	Rear 10mm	0.94	0.48	0.39	0.01	
	Left 10mm	0.34				
	Right 10mm	0.39	0.31	0.55	0.00	
	Bottom 10mm	0.66				
	Top 10mm	0.44	0.39	0.32	0.00	
	Front 23mm	0.94	0.23	0.25	0.00	
	Rear 27mm	0.89	0.25	0.55	0.00	
	Left 17mm	0.36				
	Top 27mm	0.50	0.21	0.44		

Test Position		SAR 1g (W/h)	simultaneous transmission			
			1+2	1+3	1+4	1+3+4
Head	Left Cheek	1.13	1.17	0.84	1.19	
	Left Tilt	1.29	1.36	1.00	1.36	
	Right Cheek	0.82	0.86	0.65	0.86	
	Right Tilt	0.81	0.85	0.65	0.85	
	Front 10mm	1.03	0.71	0.65	0.71	
Body	Rear 10mm	1.42	1.33	0.95	1.34	
	Left 10mm	0.34	0.34	0.34	0.34	
	Right 10mm	0.70	0.94	0.35	0.94	
	Bottom 10mm	0.66	0.66	0.66	0.66	
	Top 10mm	0.83	0.76	0.44	0.76	
	Front 23mm	1.17	1.19	0.94	1.19	
	Rear 27mm	1.14	1.49	0.89	1.44	
	Left 17mm	0.36	0.36	0.36	0.36	
	Top 27mm	0.71	0.94	0.50	0.94	

N78-L

Test Position		SAR 1g (W/kg)	ENDC																ENDC
			n78 (ANT5)	LTE B2 (ANT1)	LTE B5 (ANT0)	LTE B7 (ANT0)	LTE B12 (ANT0)	LTE B13 (ANT0)	LTE B66 (ANT1)	LTE B71 (ANT0)	2A n78A (ANT1+5)	5A n78A (ANT0+5)	7A n78A (ANT0+5)	12A n78A (ANT0+5)	13A n78A (ANT0+5)	66A n78A (ANT1+5)	71A n78A (ANT0+5)	MAX. SAR 1g	
Head	Left Cheek	0.68	0.32	0.35	0.04	0.24	0.33	0.34	0.34	1.00	1.03	0.72	0.92	1.01	1.02	0.67	1.03		
	Left Tilt	0.72	0.11	0.19	0.00	0.18	0.20	0.32	0.32	0.90	0.91	0.72	0.90	0.92	0.84	0.56	1.04		
	Right Cheek	0.48	0.21	0.34	0.08	0.15	0.21	0.35	0.35	0.89	0.88	0.35	0.64	0.76	0.73	0.33	0.83		
	Right Tilt	0.53	0.14	0.25	0.00	0.19	0.22	0.18	0.18	0.67	0.72	0.53	0.72	0.76	0.71	0.32	0.78		
	Front 10mm	0.47	0.40	0.19	0.25	0.15	0.37	0.32	0.32	0.52	0.87	0.66	0.72	0.62	0.84	0.80	0.72	0.87	
Body	Rear 10mm	0.47	0.58	0.37	0.44	0.34	0.64	0.53	0.53	1.05	0.84	0.91	0.81	1.11	1.00	1.11	1.11		
	Left 10mm	0.13	0.30	0.20	0.07	0.19	0.22	0.22	0.44	0.33	0.33	0.13	0.20	0.32	0.35	0.52	0.44		
	Right 10mm	0.07	0.27	0.22	0.02	0.22	0.27	0.22	0.19	0.34	0.19	0.27	0.24	0.24	0.27	0.24	0.24		
	Bottom 10mm	0.53	0.26	0.59	0.13	0.46	0.32	0.32	0.53	0.26	0.59	0.13	0.46	0.32	0.52	0.85	0.59		
	Top 10mm	0.68								0.68	0.68	0.68	0.68	0.68	0.68	0.00	0.68		
	Rear 23mm	0.56	0.37	0.27	0.48	0.15	0.37	0.32	0.32	0.63	0.83	1.04	0.71	0.93	0.88	0.69	1.04		
	Rear 27mm	0.61	0.36	0.22	0.30	0.34	0.32	0.34	0.34	0.97	0.83	0.91	0.85	0.93	0.95	0.70	0.97		
	Left 17mm	0.30	0.36	0.20	0.04	0.07	0.19	0.36	0.36	0.30	0.90	0.07	0.04	0.07	0.19	0.66	0.36		
Top 27mm	0.76								0.76	0.76	0.76	0.76	0.76	0.76	0.00	0.76			

N78-H

Test Position		SAR 1g (W/kg)																ENDC																ENDC	
		n78 (ANT5)	LTE B2 (ANT1)	LTE B5 (ANT0)	LTE B7 (ANT0)	LTE B12 (ANT0)	LTE B13 (ANT0)	LTE B66 (ANT1)	LTE B71 (ANT0)	2A n77/78A (ANT1+5)	5A n77/78A (ANT0+5)	7A n77/78A (ANT0+5)	12A n77/78A (ANT0+5)	13A n77/78A (ANT0+5)	66A n77/78A (ANT1+5)	71A n78A (ANT0+5)	MAX. SAR 1g	SAR																	
Head	Left Cheek	0.47	0.32	0.35	0.04	0.24	0.33	0.34	0.34	0.79	0.82	0.51	0.71	0.80	0.81	0.67	0.82																		
	Left Tilt	0.66	0.11	0.19	0.00	0.18	0.20	0.32	0.32	0.78	0.85	0.66	0.84	0.87	0.99	0.43	0.59																		
	Right Cheek	0.35	0.21	0.34	0.08	0.16	0.31	0.35	0.35	0.55	0.69	0.43	0.51	0.66	0.70	0.56	0.70																		
	Right Tilt	0.40	0.14	0.25	0.00	0.19	0.22	0.18	0.18	0.54	0.65	0.40	0.59	0.63	0.58	0.32	0.65																		
	Front 10mm	0.27	0.40	0.19	0.25	0.15	0.37	0.32	0.32	0.67	0.46	0.52	0.42	0.64	0.60	0.72	0.67																		
Body	Rear 10mm	0.29	0.58	0.37	0.44	0.34	0.64	0.53	0.53	0.87	0.66	0.73	0.64	0.93	0.82	1.11	0.93																		
	Left 10mm	0.04	0.30	0.20		0.07	0.19	0.22	0.22	0.34	0.24	0.04	0.10	0.23	0.26	0.52	0.34																		
	Right 10mm	0.10		0.27		0.12	0.20			0.10	0.37	0.10	0.22	0.30	0.10	0.00	0.37																		
	Bottom 10mm	0.10	0.53	0.26	0.59	0.13	0.46	0.32	0.32	0.53	0.26	0.59	0.13	0.46	0.32	0.85	0.59																		
	Top 10mm	0.48								0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48																		
	Front 23mm	0.57	0.37	0.27	0.48	0.15	0.37	0.32	0.32	0.94	0.84	1.06	0.72	0.94	0.89	0.69	1.06																		
	Rear 27mm	0.53	0.36	0.22	0.30	0.34	0.32	0.34	0.34	0.89	0.75	0.83	0.87	0.85	0.87	0.70	0.89																		
	Left 17mm		0.30		0.04	0.07	0.19	0.36	0.36	0.30	0.00	0.04	0.07	0.19	0.36	0.66	0.36																		
	Top 27mm	0.62								0.62	0.62	0.62	0.62	0.62	0.62	0.00	0.62																		

Test Position		SAR 1g(W/kg)				Test Position		simultaneous transmission			
		1	2	3	4			1+2	1+3	1+4	1+3+4
Head	Left Cheek	0.82	0.31	0.35	0.02	Head	Left Cheek	1.13	1.17	0.84	1.19
	Left Tilt	0.99	0.29	0.35	0.00		Left Tilt	1.28	1.34	0.99	1.34
	Right Cheek	0.70	0.13	0.16	0.00		Right Cheek	0.82	0.86	0.70	0.86
	Right Tilt	0.65	0.16	0.19	0.00		Right Tilt	0.81	0.85	0.65	0.85
Body	Front 10mm	0.67	0.38	0.06	0.00	Body	Front 10mm	1.05	0.74	0.67	0.74
	Rear 10mm	0.93	0.48	0.39	0.01		Rear 10mm	1.41	1.32	0.94	1.33
	Left 10mm	0.34					Left 10mm	0.34	0.34	0.34	0.34
	Right 10mm	0.37	0.31	0.55	0.00		Right 10mm	0.68	0.92	0.37	0.92
	Bottom 10mm	0.59					Bottom 10mm	0.59	0.59	0.59	0.59
	Top 10mm	0.48	0.39	0.32	0.00		Top 10mm	0.87	0.80	0.48	0.80
	Front 17mm	1.06	0.23	0.25	0.00		Front 17mm	1.29	1.31	1.06	1.31
	Rear 27mm	0.89	0.25	0.55	0.00		Rear 27mm	1.14	1.44	0.89	1.44
	Left 17mm	0.36					Left 17mm	0.36	0.36	0.36	0.36
	Top 22mm	0.62	0.21	0.44			Top 22mm	0.83	1.06	0.62	1.06

14 SAR Test Result

Note:

KDB 447498 D01 General RF Exposure Guidance:

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

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

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

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

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

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

KDB 648474 D04 Handset SAR:

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

KDB 941225 D01 SAR test for 3G devices:

When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq \frac{1}{4}$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

KDB 941225 D05 SAR for LTE Devices:

SAR test reduction is applied using the following criteria:

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

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

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

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

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

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

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

KDB 248227 D01 SAR meas for 802.11:

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

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

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

When the reported SAR for the initial test position is:

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

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

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

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

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

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

When the specified maximum output power is different between UNII 1 and UNII 2A, begin SAR with the band that has the higher specified maximum output. If the highest reported SAR for the band with the highest specified power is ≤ 1.2 W/kg, testing for the band with the lower specified output power is not required; otherwise test the remaining bands independently for SAR.

Table 14.1: Duty Cycle

Mode	Duty Cycle
Speech for GSM	1:8.3
GPRS&EGPRS 1 Slot	1:8.3
GPRS&EGPRS 2 Slot	1:4
GPRS&EGPRS 3 Slot	1:2.67
GPRS&EGPRS 4 Slot	1:2
WCDMA&LTE FDD	1:1
TDD PC3	1:1.58
TDD PC2	1: 2.309

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

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	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	251	848.8	GPRS(2TX)	Cheek Left	0mm	/	/	31.95	32.00	0.406	0.41	0.323	0.33	-0.09
0	Head	GSM850	190	836.6	GPRS(2TX)	Cheek Left	0mm	FIG A.1	/	31.92	32.00	0.415	0.42	0.328	0.33	0.08
0	Head	GSM850	128	824.2	GPRS(2TX)	Cheek Left	0mm	/	/	31.18	32.00	0.349	0.42	0.267	0.32	-0.06
0	Head	GSM850	190	836.6	GPRS(2TX)	Tilt Left	0mm	/	/	31.92	32.00	0.193	0.20	0.164	0.17	-0.01
0	Head	GSM850	190	836.6	GPRS(2TX)	Cheek Right	0mm	/	/	31.92	32.00	0.339	0.35	0.279	0.28	0.03
0	Head	GSM850	190	836.6	GPRS(2TX)	Tilt Right	0mm	/	/	31.92	32.00	0.219	0.22	0.189	0.19	0.07
0	Body	GSM850	190	836.6	GPRS(2TX)	Front	10mm	/	/	31.92	32.00	0.270	0.28	0.221	0.23	0.11
0	Body	GSM850	251	848.8	GPRS(2TX)	Rear	10mm	/	/	31.95	32.00	0.597	0.60	0.358	0.36	0.06
0	Body	GSM850	190	836.6	GPRS(2TX)	Rear	10mm	FIG A.2	/	31.92	32.00	0.652	0.66	0.400	0.41	-0.03
0	Body	GSM850	128	824.2	GPRS(2TX)	Rear	10mm	/	/	31.18	32.00	0.547	0.66	0.336	0.41	0.14
0	Body	GSM850	190	836.6	GPRS(2TX)	Left	10mm	/	/	31.92	32.00	0.211	0.21	0.142	0.14	-0.14
0	Body	GSM850	190	836.6	GPRS(2TX)	Right	10mm	/	/	31.92	32.00	0.356	0.36	0.233	0.24	-0.12
0	Body	GSM850	190	836.6	GPRS(2TX)	Bottom	10mm	/	/	31.92	32.00	0.374	0.38	0.205	0.21	0.07
0	Body	GSM850	251	848.8	EGPRS(2TX)	Rear	10mm	/	/	31.95	32.00	0.642	0.65	0.383	0.39	-0.01
1	Head	GSM1900	810	1909.8	GPRS(2TX)	Cheek Left	0mm	FIG A.3	/	28.72	29.50	0.132	0.16	0.086	0.10	-0.06
1	Head	GSM1900	661	1880	GPRS(2TX)	Cheek Left	0mm	/	/	28.78	29.50	0.130	0.15	0.095	0.11	-0.03
1	Head	GSM1900	512	1850.2	GPRS(2TX)	Cheek Left	0mm	/	/	28.82	29.50	0.109	0.13	0.076	0.09	0.13
1	Head	GSM1900	661	1880	GPRS(2TX)	Tilt Left	0mm	/	/	28.78	29.50	0.110	0.13	0.068	0.08	-0.11
1	Head	GSM1900	661	1880	GPRS(2TX)	Cheek Right	0mm	/	/	28.78	29.50	0.116	0.14	0.075	0.09	0.03
1	Head	GSM1900	661	1880	GPRS(2TX)	Tilt Right	0mm	/	/	28.78	29.50	0.071	0.08	0.046	0.05	0.15
1	Body	GSM1900	661	1880	GPRS(2TX)	Front	10mm	/	/	28.78	29.50	0.274	0.32	0.178	0.21	0.06
1	Body	GSM1900	810	1909.8	GPRS(2TX)	Rear	10mm	/	/	28.72	29.50	0.431	0.52	0.261	0.31	-0.01
1	Body	GSM1900	661	1880	GPRS(2TX)	Rear	10mm	/	/	28.78	29.50	0.422	0.50	0.267	0.32	0.06
1	Body	GSM1900	512	1850.2	GPRS(2TX)	Rear	10mm	FIG A.4	/	28.82	29.50	0.452	0.53	0.273	0.32	0.17
1	Body	GSM1900	661	1880	GPRS(2TX)	Left	10mm	/	/	28.78	29.50	0.181	0.21	0.105	0.12	-0.17
1	Body	GSM1900	661	1880	GPRS(2TX)	Right	10mm	/	/	28.78	29.50	0.074	0.09	0.048	0.06	0.09
1	Body	GSM1900	661	1880	GPRS(2TX)	Bottom	10mm	/	/	28.78	29.50	0.386	0.46	0.223	0.26	0.19
1	Body	GSM1900	810	1909.8	EGPRS(2TX)	Rear	10mm	/	/	28.86	29.50	0.431	0.50	0.260	0.30	0.01
0	Head	WCDMA 850	4233	846.6	RMC	Cheek Left	0mm	/	/	23.85	25.50	0.243	0.36	0.192	0.28	-0.12
0	Head	WCDMA 850	4183	836.6	RMC	Cheek Left	0mm	FIG A.5	/	24.01	25.50	0.253	0.36	0.201	0.28	-0.07
0	Head	WCDMA 850	4132	826.4	RMC	Cheek Left	0mm	/	/	24.13	25.50	0.248	0.34	0.198	0.27	0.15
0	Head	WCDMA 850	4183	836.6	RMC	Tilt Left	0mm	/	/	24.01	25.50	0.142	0.20	0.119	0.17	-0.02
0	Head	WCDMA 850	4183	836.6	RMC	Cheek Right	0mm	/	/	24.01	25.50	0.218	0.31	0.179	0.25	0.03
0	Head	WCDMA 850	4183	836.6	RMC	Tilt Right	0mm	/	/	24.01	25.50	0.191	0.27	0.159	0.22	-0.05
0	Body	WCDMA 850	4183	836.6	RMC	Front	10mm	/	/	24.01	25.50	0.361	0.51	0.228	0.32	0.12
0	Body	WCDMA 850	4233	846.6	RMC	Rear	10mm	FIG A.6	/	23.85	25.50	0.685	1.00	0.402	0.59	0.11
0	Body	WCDMA 850	4183	836.6	RMC	Rear	10mm	/	/	24.01	25.50	0.664	0.94	0.397	0.56	0.19
0	Body	WCDMA 850	4132	826.4	RMC	Rear	10mm	/	/	24.13	25.50	0.602	0.83	0.353	0.48	0.05
0	Body	WCDMA 850	4183	836.6	RMC	Left	10mm	/	/	24.01	25.50	0.173	0.24	0.113	0.16	-0.16
0	Body	WCDMA 850	4183	836.6	RMC	Right	10mm	/	/	24.01	25.50	0.288	0.41	0.188	0.26	0.12
0	Body	WCDMA 850	4183	836.6	RMC	Bottom	10mm	/	/	24.01	25.50	0.431	0.61	0.216	0.30	-0.12
4	Head	WCDMA1700	1412	1732.4	RMC	Cheek Left	0mm	/	/	16.74	18.00	0.498	0.67	0.251	0.34	-0.10
4	Head	WCDMA1700	1412	1732.4	RMC	Tilt Left	0mm	/	/	16.74	18.00	0.545	0.73	0.260	0.35	0.15
4	Head	WCDMA1700	1412	1732.4	RMC	Cheek Right	0mm	/	/	16.74	18.00	0.715	0.96	0.336	0.45	-0.05
4	Head	WCDMA1700	1513	1752.6	RMC	Tilt Right	0mm	FIG A.7	/	16.81	18.00	0.751	0.99	0.347	0.46	0.06
4	Head	WCDMA1700	1412	1732.4	RMC	Tilt Right	0mm	/	/	16.74	18.00	0.719	0.96	0.333	0.45	-0.08
4	Head	WCDMA1700	1312	1712.4	RMC	Tilt Right	0mm	/	/	16.63	18.00	0.678	0.93	0.314	0.43	-0.18
4	Body	WCDMA1700	1412	1732.5	RMC	Front	10mm	/	/	18.85	20.50	0.269	0.39	0.150	0.22	0.18
4	Body	WCDMA1700	1513	1752.6	RMC	Rear	10mm	/	/	18.83	20.50	0.393	0.58	0.217	0.32	0.04
4	Body	WCDMA1700	1412	1732.5	RMC	Rear	10mm	/	/	18.85	20.50	0.444	0.65	0.238	0.35	-0.14
4	Body	WCDMA1700	1312	1712.4	RMC	Rear	10mm	/	/	18.68	20.50	0.353	0.54	0.194	0.29	-0.17
4	Body	WCDMA1700	1412	1732.5	RMC	Left	10mm	/	/	18.85	20.50	0.115	0.17	0.064	0.09	-0.06
4	Body	WCDMA1700	1412	1732.5	RMC	Top	10mm	/	/	18.85	20.50	0.315	0.46	0.165	0.24	0.17
4	Body	WCDMA1700	1412	1732.5	RMC	Front	17mm	/	/	23.94	25.50	0.339	0.49	0.205	0.29	0.00
4	Body	WCDMA1700	1513	1752.6	RMC	Rear	23mm	FIG A.8	/	24.05	25.50	0.489	0.68	0.288	0.40	-0.01
4	Body	WCDMA1700	1412	1732.5	RMC	Rear	23mm	/	/	23.94	25.50	0.455	0.65	0.268	0.38	-0.03
4	Body	WCDMA1700	1312	1712.4	RMC	Rear	23mm	/	/	23.92	25.50	0.417	0.60	0.245	0.35	0.15
4	Body	WCDMA1700	1412	1732.5	RMC	Left	17mm	/	/	23.94	25.50	0.131	0.19	0.084	0.12	0.01
4	Body	WCDMA1700	1412	1732.5	RMC	Top	22mm	/	/	23.94	25.50	0.392	0.56	0.236	0.34	0.07
4	Head	WCDMA1900	9400	1880	RMC	Cheek Left	0mm	/	/	15.43	16.50	0.440	0.56	0.206	0.26	-0.05
4	Head	WCDMA1900	9400	1880	RMC	Tilt Left	0mm	/	/	15.43	16.50	0.499	0.64	0.224	0.29	-0.16
4	Head	WCDMA1900	9538	1907.6	RMC	Cheek Right	0mm	/	/	15.35	16.50	0.634	0.83	0.279	0.36	0.02
4	Head	WCDMA1900	9400	1880	RMC	Cheek Right	0mm	/	/	15.43	16.50	0.643	0.82	0.289	0.37	0.18
4	Head	WCDMA1900	9262	1852.4	RMC	Cheek Right	0mm	/	/	15.48	16.50	0.618	0.78	0.253	0.32	-0.09
4	Head	WCDMA1900	9538	1907.6	RMC	Tilt Right	0mm	FIG A.9	/	15.35	16.50	0.759	0.99	0.335	0.44	0.09
4	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	/	/	15.43	16.50	0.722	0.92	0.320	0.41	0.08
4	Head	WCDMA1900	9262	1852.4	RMC	Tilt Right	0mm	/	/	15.48	16.50	0.670	0.85	0.301	0.38	0.08
4	Body	WCDMA1900	9400	1880	RMC	Front	10mm	/	/	16.91	18.50	0.258	0.37	0.137	0.20	-0.01
4	Body	WCDMA1900	9538	1907.6	RMC	Rear	10mm	/	/	16.85	18.50	0.433	0.63	0.228	0.33	-0.09
4	Body	WCDMA1900	9400	1880	RMC	Rear	10mm	/	/	16.91	18.50	0.399	0.58	0.210	0.30	-0.08
4	Body	WCDMA1900	9262	1852.4	RMC	Rear	10mm	/	/	16.96	18.50	0.375	0.53	0.202	0.29	0.15
4	Body	WCDMA1900	9400	1880	RMC	Left	10mm	/	/	16.91	18.50	0.083	0.12	0.049	0.07	-0.06
4	Body	WCDMA1900	9400	1880	RMC	Top	10mm	/	/	16.91	18.50	0.300	0.43	0.151	0.22	0.17
4	Body	WCDMA1900	9400	1880	RMC	Front	17mm	/	/	23.93	25.50	0.469	0.67	0.271	0.39	0.09
4	Body	WCDMA1900	9400	1880	RMC	Rear	23mm	/	/	23.93	25.50	0.459	0.66	0.268	0.38	0.08
4	Body	WCDMA1900	9400	1880	RMC	Left	17mm	/	/	23.93	25.50	0.206	0.30	0.128	0.18	-0.05
4	Body	WCDMA1900	9538	1907.6	RMC	Top	22mm	FIG A.10	/	23.85	25.50	0.530	0.77	0.308	0.45	-0.06
4	Body	WCDMA1900	9400	1880	RMC	Top	22mm	/	/	23.93	25.50	0.474	0.68	0.280	0.40	0.12
4	Body	WCDMA1900	9262	1852.4	RMC	Top	22mm	/	/	23.87	25.50	0.450	0.65	0.268	0.39	0.04



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.		Butt 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
4	Head	LTE Band2	18900	1880	1RB-Middle	Cheek Left	0mm	/	Note1	17.11	17.80	0.536	0.63	0.256	0.30	-0.02
4	Head	LTE Band2	18900	1880	1RB-Middle	Tilt Left	0mm	/	Note1	17.11	17.80	0.649	0.76	0.289	0.34	0.12
4	Head	LTE Band2	19100	1900	1RB-Middle	Cheek Right	0mm	/	Note1	17.10	17.80	0.738	0.87	0.331	0.39	-0.09
4	Head	LTE Band2	18900	1880	1RB-Middle	Cheek Right	0mm	/	Note1	17.11	17.80	0.751	0.88	0.359	0.42	0.05
4	Head	LTE Band2	18700	1860	1RB-Middle	Cheek Right	0mm	/	Note1	16.93	17.80	0.724	0.88	0.326	0.40	0.15
4	Head	LTE Band2	19100	1900	1RB-Middle	Tilt Right	0mm	/	Note1	17.10	17.80	0.817	0.96	0.337	0.40	0.03
4	Head	LTE Band2	18900	1880	1RB-Middle	Tilt Right	0mm	FIG A.11	Note1	17.11	17.80	0.831	0.97	0.365	0.43	0.12
4	Head	LTE Band2	18700	1860	1RB-Middle	Tilt Right	0mm	/	Note1	16.93	17.80	0.801	0.98	0.331	0.40	0.11
4	Head	LTE Band2	18900	1880	50RB-Middle	Cheek Left	0mm	/	Note1	17.09	17.80	0.534	0.63	0.258	0.30	0.10
4	Head	LTE Band2	18900	1880	50RB-Middle	Tilt Left	0mm	/	Note1	17.09	17.80	0.641	0.75	0.299	0.35	0.05
4	Head	LTE Band2	18900	1880	50RB-Middle	Cheek Right	0mm	/	Note1	17.09	17.80	0.653	0.77	0.316	0.37	0.07
4	Head	LTE Band2	19100	1900	50RB-Middle	Tilt Right	0mm	/	Note1	17.08	17.80	0.796	0.94	0.327	0.39	0.01
4	Head	LTE Band2	18900	1880	50RB-Middle	Tilt Right	0mm	/	Note1	17.09	17.80	0.827	0.97	0.359	0.42	0.02
4	Head	LTE Band2	18700	1860	50RB-Middle	Tilt Right	0mm	/	Note1	16.98	17.80	0.801	0.97	0.339	0.41	-0.06
4	Head	LTE Band2	19100	1900	100RB	Cheek Right	0mm	/	Note1	17.02	17.80	0.639	0.76	0.288	0.34	0.12
4	Head	LTE Band2	19100	1900	100RB	Tilt Right	0mm	/	Note1	17.02	17.80	0.794	0.95	0.326	0.39	-0.09
4	Head	LTE Band2	18900	1880	1RB-Middle	Cheek Left	0mm	/	Note2	14.11	15.50	0.262	0.36	0.125	0.17	-0.05
4	Head	LTE Band2	18900	1880	1RB-Middle	Tilt Left	0mm	/	Note2	14.11	15.50	0.317	0.44	0.141	0.19	-0.07
4	Head	LTE Band2	18900	1880	1RB-Middle	Cheek Right	0mm	/	Note2	14.11	15.50	0.367	0.51	0.175	0.24	0.14
4	Head	LTE Band2	18900	1880	1RB-Middle	Tilt Right	0mm	/	Note2	14.11	15.50	0.406	0.56	0.178	0.25	0.04
4	Head	LTE Band2	18900	1880	50RB-Middle	Cheek Left	0mm	/	Note2	14.11	15.50	0.261	0.36	0.126	0.17	-0.01
4	Head	LTE Band2	18900	1880	50RB-Middle	Tilt Left	0mm	/	Note2	14.11	15.50	0.313	0.43	0.146	0.20	0.02
4	Head	LTE Band2	18900	1880	50RB-Middle	Cheek Right	0mm	/	Note2	14.11	15.50	0.319	0.44	0.154	0.21	0.14
4	Head	LTE Band2	18900	1880	50RB-Middle	Tilt Right	0mm	/	Note2	14.11	15.50	0.404	0.56	0.175	0.24	-0.19
4	Body	LTE Band2	18900	1880	1RB-Middle	Front	10mm	/	Note1	21.54	21.80	0.491	0.52	0.261	0.28	-0.16
4	Body	LTE Band2	19100	1900	1RB-Middle	Rear	10mm	FIG A.12	Note1	21.51	21.80	0.930	0.99	0.481	0.51	-0.14
4	Body	LTE Band2	18900	1880	1RB-Middle	Rear	10mm	/	Note1	21.54	21.80	0.874	0.93	0.446	0.47	-0.05
4	Body	LTE Band2	18700	1860	1RB-Middle	Rear	10mm	/	Note1	21.36	21.80	0.840	0.93	0.440	0.49	-0.15
4	Body	LTE Band2	18900	1880	1RB-Middle	Left	10mm	/	Note1	21.54	21.80	0.201	0.21	0.118	0.13	0.19
4	Body	LTE Band2	19100	1900	1RB-Middle	Top	10mm	/	Note1	21.51	21.80	0.798	0.85	0.396	0.42	0.17
4	Body	LTE Band2	18900	1880	1RB-Middle	Top	10mm	/	Note1	21.54	21.80	0.797	0.85	0.400	0.42	0.02
4	Body	LTE Band2	18700	1860	1RB-Middle	Top	10mm	/	Note1	21.36	21.80	0.683	0.76	0.349	0.39	-0.11
4	Body	LTE Band2	18900	1880	50RB-Middle	Front	10mm	/	Note1	21.58	21.80	0.574	0.60	0.308	0.32	0.06
4	Body	LTE Band2	19100	1900	50RB-Middle	Rear	10mm	/	Note1	21.52	21.80	0.929	0.99	0.479	0.51	-0.08
4	Body	LTE Band2	18900	1880	50RB-Middle	Rear	10mm	/	Note1	21.58	21.80	0.788	0.83	0.417	0.44	-0.18
4	Body	LTE Band2	18700	1860	50RB-Middle	Rear	10mm	/	Note1	21.43	21.80	0.849	0.92	0.446	0.49	-0.17
4	Body	LTE Band2	18900	1880	50RB-Middle	Left	10mm	/	Note1	21.58	21.80	0.197	0.21	0.016	0.02	-0.15
4	Body	LTE Band2	19100	1900	50RB-Middle	Top	10mm	/	Note1	21.52	21.80	0.801	0.85	0.403	0.43	0.12
4	Body	LTE Band2	18900	1880	50RB-Middle	Top	10mm	/	Note1	21.58	21.80	0.793	0.83	0.398	0.42	-0.18
4	Body	LTE Band2	18700	1860	50RB-Middle	Top	10mm	/	Note1	21.43	21.80	0.687	0.75	0.351	0.38	-0.15
4	Body	LTE Band2	18900	1880	100RB	Rear	10mm	/	Note1	21.54	21.80	0.886	0.94	0.459	0.49	0.13
4	Body	LTE Band2	18900	1880	100RB	Top	10mm	/	Note1	21.54	21.80	0.760	0.81	0.374	0.40	0.07
4	Body	LTE Band2	18900	1880	1RB-Middle	Front	10mm	/	Note2	18.66	20.00	0.259	0.35	0.138	0.19	-0.18
4	Body	LTE Band2	18900	1880	1RB-Middle	Rear	10mm	/	Note2	18.66	20.00	0.452	0.62	0.230	0.31	0.05
4	Body	LTE Band2	18900	1880	1RB-Middle	Left	10mm	/	Note2	18.66	20.00	0.075	0.10	0.040	0.05	-0.04
4	Body	LTE Band2	18900	1880	1RB-Middle	Top	10mm	/	Note2	18.66	20.00	0.309	0.42	0.167	0.23	0.04
4	Body	LTE Band2	18900	1880	50RB-Middle	Front	10mm	/	Note2	18.70	20.00	0.257	0.35	0.138	0.19	-0.13
4	Body	LTE Band2	18900	1880	50RB-Middle	Rear	10mm	/	Note2	18.70	20.00	0.450	0.61	0.229	0.31	-0.12
4	Body	LTE Band2	18900	1880	50RB-Middle	Left	10mm	/	Note2	18.70	20.00	0.071	0.10	0.039	0.05	0.18
4	Body	LTE Band2	18900	1880	50RB-Middle	Top	10mm	/	Note2	18.70	20.00	0.307	0.41	0.165	0.22	0.04
4	Body	LTE Band2	18900	1880	1RB-Middle	Front	17mm	/	/	24.68	25.50	0.418	0.50	0.238	0.29	-0.03
4	Body	LTE Band2	18900	1880	1RB-Middle	Rear	23mm	/	/	24.68	25.50	0.411	0.50	0.236	0.29	0.16
4	Body	LTE Band2	18900	1880	1RB-Middle	Left	17mm	/	/	24.68	25.50	0.355	0.43	0.200	0.24	-0.06
4	Body	LTE Band2	18900	1880	1RB-Middle	Top	22mm	/	/	24.68	25.50	0.437	0.53	0.257	0.31	-0.17
4	Body	LTE Band2	18900	1880	50RB-Low	Front	17mm	/	/	23.71	24.50	0.327	0.39	0.186	0.22	-0.15
4	Body	LTE Band2	18900	1880	50RB-Low	Rear	23mm	/	/	23.71	24.50	0.318	0.38	0.182	0.22	-0.13
4	Body	LTE Band2	18900	1880	50RB-Low	Left	17mm	/	/	23.71	24.50	0.280	0.34	0.158	0.19	-0.09
4	Body	LTE Band2	18900	1880	50RB-Low	Top	22mm	/	/	23.71	24.50	0.335	0.40	0.197	0.24	0.13
4	Head	LTE Band4	20175	1732.5	1RB-Middle	Cheek Left	0mm	/	/	17.70	19.00	0.273	0.37	0.139	0.19	-0.17
4	Head	LTE Band4	20175	1732.5	1RB-Middle	Tilt Left	0mm	/	/	17.70	19.00	0.362	0.49	0.187	0.25	-0.17
4	Head	LTE Band4	20300	1745	1RB-Middle	Cheek Right	0mm	/	/	17.68	19.00	0.511	0.69	0.247	0.33	0.10
4	Head	LTE Band4	20175	1732.5	1RB-Middle	Cheek Right	0mm	FIG A.13	/	17.70	19.00	0.592	0.80	0.304	0.41	0.18
4	Head	LTE Band4	20050	1720	1RB-Middle	Cheek Right	0mm	/	/	17.60	19.00	0.491	0.68	0.238	0.33	0.15
4	Head	LTE Band4	20175	1732.5	1RB-Middle	Tilt Right	0mm	/	/	17.70	19.00	0.529	0.71	0.262	0.35	0.18
4	Head	LTE Band4	20175	1732.5	50RB-Middle	Cheek Left	0mm	/	/	17.70	19.00	0.367	0.50	0.196	0.26	-0.19
4	Head	LTE Band4	20175	1732.5	50RB-Middle	Tilt Left	0mm	/	/	17.70	19.00	0.382	0.52	0.196	0.26	0.03
4	Head	LTE Band4	20175	1732.5	50RB-Middle	Cheek Right	0mm	/	/	17.70	19.00	0.586	0.79	0.301	0.41	0.04
4	Head	LTE Band4	20175	1732.5	50RB-Middle	Tilt Right	0mm	/	/	17.70	19.00	0.525	0.71	0.260	0.35	0.12
4	Head	LTE Band4	20300	1745	100R	Cheek Right	0mm	/	/	17.61	19.00	0.518	0.71	0.251	0.35	-0.14
4	Body	LTE Band4	20175	1732.5	1RB-Middle	Front	10mm	/	/	22.61	23.10	0.548	0.61	0.315	0.35	0.03
4	Body	LTE Band4	20300	1745	1RB-Middle	Rear	10mm	/	/	22.60	23.10	0.757	0.85	0.417	0.47	-0.17
4	Body	LTE Band4	20175	1732.5	1RB-Middle	Rear	10mm	FIG A.14	/	22.61	23.10	0.888	0.99	0.482	0.54	0.03
4	Body	LTE Band4	20050	1720	1RB-Middle	Rear	10mm	/	/	22.58	23.10	0.683	0.77	0.376	0.42	0.16
4	Body	LTE Band4	20175	1732.5	1RB-Middle	Left	10mm	/	/	22.61	23.10	0.220	0.25	0.132	0.15	0.10
4	Body	LTE Band4	20175	1732.5	1RB-Middle	Top	10mm	/	/	22.61	23.10	0.689	0.77	0.373	0.42	0.10
4	Body	LTE Band4	20300	1745	50RB-Low	Front	10mm	/	/	22.66	23.10	0.532	0.59	0.307	0.34	-0.07
4	Body	LTE Band4	20300	1745	50RB-Low	Rear	10mm	/	/	22.66	23.10	0.774	0.86	0.427	0.47	0.16
4	Body	LTE Band4	20175	1732.5	50RB-Low	Rear	10mm	/	/	22.59	23.10	0.685	0.77	0.391	0.44	-0.02
4	Body	LTE Band4	20050	1720	50RB-Low	Rear	10mm	/	/	22.59	23.10	0.678	0.76	0.371	0.42	-0.13
4	Body	LTE Band4	20300	1745	50RB-Low	Left	10mm	/	/	22.66	23.10	0.218	0.24	0.130	0.14	0.13
4	Body	LTE Band4	20300	1745	50RB-Low	Top	10mm	/	/	22.66	23.10	0.622	0.69	0.338	0.37	0.09
4	Body	LTE Band4	20300	1745	100RB	Rear	10mm	/	/	22.64	23.10	0.764	0.85	0.420	0.47	0.01
4	Body	LTE Band4	20300	1745	100RB	Top	10mm	/	/	22.64	23.10	0.635	0.71	0.341	0.38	0.12
4	Body	LTE Band4	20175	1732.5	1RB-Middle	Front	17mm									

ANT	RF Exposure Condition s	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.		BUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	LTE Band5	20600	844	1RB-High	Cheek Left	0mm	FIG A.15	/	24.85	25.50	0.304	0.35	0.233	0.27	-0.16
0	Head	LTE Band5	20600	844	1RB-High	Tilt Left	0mm	/	/	24.85	25.50	0.162	0.19	0.134	0.16	0.02
0	Head	LTE Band5	20600	844	1RB-High	Cheek Right	0mm	/	/	24.85	25.50	0.295	0.34	0.236	0.27	-0.15
0	Head	LTE Band5	20600	844	1RB-High	Tilt Right	0mm	/	/	24.85	25.50	0.217	0.25	0.173	0.20	-0.14
0	Head	LTE Band5	20600	844	25RB-Low	Cheek Left	0mm	/	/	23.80	24.50	0.236	0.28	0.180	0.21	0.17
0	Head	LTE Band5	20600	844	25RB-Low	Tilt Left	0mm	/	/	23.80	24.50	0.144	0.17	0.118	0.14	-0.15
0	Head	LTE Band5	20600	844	25RB-Low	Cheek Right	0mm	/	/	23.80	24.50	0.222	0.26	0.178	0.21	0.05
0	Head	LTE Band5	20600	844	25RB-Low	Tilt Right	0mm	/	/	23.80	24.50	0.181	0.21	0.145	0.17	-0.16
0	Body	LTE Band5	20600	844	1RB-High	Front	10mm	/	Note1	24.85	25.50	0.587	0.68	0.367	0.43	0.10
0	Body	LTE Band5	20600	844	1RB-High	Rear	10mm	FIG A.16	Note1	24.85	25.50	0.805	0.93	0.465	0.54	-0.01
0	Body	LTE Band5	20525	836.5	1RB-Middle	Rear	10mm	/	Note1	24.83	25.50	0.769	0.90	0.418	0.49	0.02
0	Body	LTE Band5	20450	829	1RB-Middle	Rear	10mm	/	Note1	24.77	25.50	0.751	0.89	0.404	0.48	0.13
0	Body	LTE Band5	20600	844	1RB-High	Left	10mm	/	Note1	24.85	25.50	0.173	0.20	0.111	0.13	-0.10
0	Body	LTE Band5	20600	844	1RB-High	Right	10mm	/	Note1	24.85	25.50	0.234	0.27	0.148	0.17	0.08
0	Body	LTE Band5	20600	844	1RB-High	Bottom	10mm	/	Note1	24.85	25.50	0.541	0.63	0.272	0.32	0.11
0	Body	LTE Band5	20600	844	25RB-Low	Front	10mm	/	Note1	23.80	24.50	0.389	0.46	0.244	0.29	-0.06
0	Body	LTE Band5	20600	844	25RB-Low	Rear	10mm	/	Note1	23.80	24.50	0.596	0.70	0.344	0.40	-0.13
0	Body	LTE Band5	20600	844	25RB-Low	Left	10mm	/	Note1	23.80	24.50	0.149	0.18	0.095	0.11	0.08
0	Body	LTE Band5	20600	844	25RB-Low	Right	10mm	/	Note1	23.80	24.50	0.160	0.19	0.103	0.12	-0.10
0	Body	LTE Band5	20600	844	25RB-Low	Bottom	10mm	/	Note1	23.80	24.50	0.411	0.48	0.205	0.24	-0.10
0	Body	LTE Band5	20525	836.5	100RB	Rear	10mm	/	Note1	23.79	24.50	0.582	0.69	0.336	0.40	0.17
0	Body	LTE Band5	20600	844	1RB-High	Front	10mm	/	Note2	20.95	22.50	0.130	0.19	0.084	0.12	0.14
0	Body	LTE Band5	20600	844	1RB-High	Rear	10mm	/	Note2	20.95	22.50	0.256	0.37	0.156	0.22	-0.06
0	Body	LTE Band5	20600	844	1RB-High	Bottom	10mm	/	Note2	20.95	22.50	0.184	0.26	0.095	0.14	-0.02
0	Body	LTE Band5	20600	844	25RB-Low	Front	10mm	/	Note2	20.85	22.50	0.124	0.18	0.080	0.12	-0.10
0	Body	LTE Band5	20600	844	25RB-Low	Rear	10mm	/	Note2	20.85	22.50	0.237	0.35	0.143	0.21	0.03
0	Body	LTE Band5	20600	844	25RB-Low	Bottom	10mm	/	Note2	20.85	22.50	0.151	0.22	0.074	0.11	0.10
0	Body	LTE Band5	20600	844	1RB-High	Front	17mm	/	Note2	24.85	25.50	0.235	0.27	0.180	0.21	-0.16
0	Body	LTE Band5	20600	844	1RB-High	Rear	20mm	/	Note2	24.85	25.50	0.190	0.22	0.119	0.14	-0.01
0	Body	LTE Band5	20600	844	1RB-High	Bottom	21mm	/	Note2	24.85	25.50	0.098	0.11	0.060	0.07	-0.07
0	Body	LTE Band5	20600	844	25RB-Low	Front	17mm	/	Note2	23.80	24.50	0.178	0.21	0.127	0.15	-0.03
0	Body	LTE Band5	20600	844	25RB-Low	Rear	20mm	/	Note2	23.80	24.50	0.166	0.20	0.117	0.14	0.14
0	Body	LTE Band5	20600	844	25RB-Low	Bottom	21mm	/	Note2	23.80	24.50	0.075	0.09	0.046	0.05	0.06
0	Head	LTE Band7	21350	2560	1RB-Middle	Cheek Left	0mm	/	/	24.13	24.50	0.040	0.04	0.022	0.02	0.12
0	Head	LTE Band7	21350	2560	1RB-Middle	Tilt Left	0mm	/	/	24.13	24.50	<0.01	<0.01	<0.01	<0.01	/
0	Head	LTE Band7	21350	2560	1RB-Middle	Cheek Right	0mm	FIG A.17	/	24.13	24.50	0.075	0.08	0.033	0.04	-0.13
0	Head	LTE Band7	21350	2560	1RB-Middle	Tilt Right	0mm	/	/	24.13	24.50	<0.01	<0.01	<0.01	<0.01	/
0	Head	LTE Band7	21350	2560	50RB-Middle	Cheek Left	0mm	/	/	23.30	23.50	0.036	0.04	0.018	0.02	0.02
0	Head	LTE Band7	21350	2560	50RB-Middle	Tilt Left	0mm	/	/	23.30	23.50	<0.01	<0.01	<0.01	<0.01	/
0	Head	LTE Band7	21350	2560	50RB-Middle	Cheek Right	0mm	/	/	23.30	23.50	0.035	0.04	0.017	0.02	0.11
0	Head	LTE Band7	21350	2560	50RB-Middle	Tilt Right	0mm	/	/	23.30	23.50	<0.01	<0.01	<0.01	<0.01	/
0	Body	LTE Band7	21100	2535	1RB-Middle	Front	10mm	/	Note1	18.48	19.20	0.419	0.49	0.191	0.23	0.14
0	Body	LTE Band7	21100	2535	1RB-Middle	Rear	10mm	/	Note1	18.48	19.20	0.584	0.69	0.269	0.32	-0.12
0	Body	LTE Band7	21350	2560	1RB-Middle	Bottom	10mm	/	Note1	18.47	19.20	0.733	0.87	0.337	0.40	-0.16
0	Body	LTE Band7	21100	2535	1RB-Middle	Bottom	10mm	/	Note1	18.48	19.20	0.818	0.97	0.375	0.44	0.13
0	Body	LTE Band7	20850	2510	1RB-Middle	Bottom	10mm	/	Note1	18.13	19.20	0.769	0.98	0.348	0.45	-0.05
0	Body	LTE Band7	21100	2535	50RB-Low	Front	10mm	/	Note1	18.62	19.20	0.422	0.48	0.192	0.22	0.16
0	Body	LTE Band7	21100	2535	50RB-Low	Rear	10mm	/	Note1	18.62	19.20	0.592	0.68	0.273	0.31	-0.17
0	Body	LTE Band7	21350	2560	50RB-Low	Bottom	10mm	/	Note1	18.62	19.20	0.743	0.85	0.342	0.39	-0.06
0	Body	LTE Band7	21100	2535	50RB-Low	Bottom	10mm	FIG A.18	Note1	18.44	19.20	0.829	0.99	0.380	0.45	-0.16
0	Body	LTE Band7	20850	2510	50RB-Low	Bottom	10mm	/	Note1	18.19	19.20	0.788	0.99	0.357	0.45	-0.16
0	Body	LTE Band7	21350	2560	100RB	Bottom	10mm	/	Note1	18.53	19.20	0.711	0.83	0.316	0.37	0.05
0	Body	LTE Band7	21100	2535	1RB-Middle	Front	10mm	/	Note2	15.46	17.00	0.171	0.24	0.079	0.11	0.06
0	Body	LTE Band7	21100	2535	1RB-Middle	Rear	10mm	/	Note2	15.46	17.00	0.308	0.44	0.148	0.21	0.07
0	Body	LTE Band7	21100	2535	1RB-Middle	Bottom	10mm	/	Note2	15.46	17.00	0.412	0.59	0.189	0.27	-0.05
0	Body	LTE Band7	21100	2535	50RB-Middle	Front	10mm	/	Note2	15.59	17.00	0.184	0.25	0.084	0.12	-0.05
0	Body	LTE Band7	21100	2535	50RB-Middle	Rear	10mm	/	Note2	15.59	17.00	0.305	0.42	0.147	0.20	-0.03
0	Body	LTE Band7	21100	2535	50RB-Middle	Bottom	10mm	/	Note2	15.59	17.00	0.387	0.54	0.186	0.26	0.13
0	Body	LTE Band7	21350	2560	1RB-Middle	Front	17mm	/	/	24.23	24.50	0.453	0.48	0.248	0.26	0.02
0	Body	LTE Band7	21350	2560	1RB-Middle	Rear	20mm	/	/	24.23	24.50	0.526	0.56	0.295	0.31	-0.07
0	Body	LTE Band7	21350	2560	1RB-Middle	Left	10mm	/	/	24.23	24.50	0.036	0.04	0.018	0.02	-0.05
0	Body	LTE Band7	21350	2560	1RB-Middle	Right	10mm	/	/	24.23	24.50	0.513	0.55	0.280	0.30	-0.17
0	Body	LTE Band7	21350	2560	1RB-Middle	Bottom	21mm	/	/	24.23	24.50	0.737	0.78	0.401	0.43	-0.09
0	Body	LTE Band7	21350	2560	50RB-Middle	Front	17mm	/	/	23.30	23.50	0.363	0.38	0.198	0.21	0.18
0	Body	LTE Band7	21350	2560	50RB-Middle	Rear	20mm	/	/	23.30	23.50	0.427	0.45	0.238	0.25	-0.06
0	Body	LTE Band7	21350	2560	50RB-Middle	Left	10mm	/	/	23.30	23.50	0.031	0.03	0.016	0.02	-0.05
0	Body	LTE Band7	21350	2560	50RB-Middle	Right	10mm	/	/	23.30	23.50	0.409	0.43	0.223	0.23	0.00
0	Body	LTE Band7	21350	2560	50RB-Middle	Bottom	21mm	/	/	23.30	23.50	0.641	0.67	0.341	0.36	-0.02
0	Body	LTE Band7	21350	2560	1RB-Middle	Rear	27mm	/	/	24.23	24.50	0.285	0.30	0.156	0.17	0.08

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.		BJT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	LTE Band12	23095	707.5	1RB-Low	Cheek Left	0mm	FIG A.19	/	24.76	25.50	0.200	0.24	0.162	0.19	-0.02
0	Head	LTE Band12	23095	707.5	1RB-Low	Tilt Left	0mm	/	/	24.76	25.50	0.150	0.18	0.123	0.15	-0.09
0	Head	LTE Band12	23095	707.5	1RB-Low	Cheek Right	0mm	/	/	24.76	25.50	0.133	0.16	0.104	0.12	0.07
0	Head	LTE Band12	23095	707.5	1RB-Low	Tilt Right	0mm	/	/	24.76	25.50	0.161	0.19	0.126	0.15	0.19
0	Head	LTE Band12	23130	711	25RB-Low	Cheek Left	0mm	/	/	23.84	24.50	0.176	0.20	0.141	0.16	-0.01
0	Head	LTE Band12	23130	711	25RB-Low	Tilt Left	0mm	/	/	23.84	24.50	0.129	0.15	0.108	0.13	-0.14
0	Head	LTE Band12	23130	711	25RB-Low	Cheek Right	0mm	/	/	23.84	24.50	0.117	0.14	0.091	0.11	-0.06
0	Head	LTE Band12	23130	711	25RB-Low	Tilt Right	0mm	/	/	23.84	24.50	0.142	0.17	0.114	0.13	-0.05
0	Body	LTE Band12	23095	707.5	1RB-Low	Front	10mm	/	/	24.76	25.50	0.076	0.09	0.050	0.06	-0.09
0	Body	LTE Band12	23095	707.5	1RB-Low	Rear	10mm	/	/	24.76	25.50	0.268	0.32	0.177	0.21	0.04
0	Body	LTE Band12	23095	707.5	1RB-Low	Left	10mm	/	/	24.76	25.50	0.045	0.05	0.029	0.03	-0.12
0	Body	LTE Band12	23095	707.5	1RB-Low	Right	10mm	/	/	24.76	25.50	0.105	0.12	0.066	0.08	-0.11
0	Body	LTE Band12	23095	707.5	1RB-Low	Bottom	10mm	/	/	24.76	25.50	0.106	0.13	0.050	0.06	-0.18
0	Body	LTE Band12	23130	711	25RB-Low	Front	10mm	/	/	23.84	24.50	0.125	0.15	0.083	0.10	-0.14
0	Body	LTE Band12	23130	711	25RB-Low	Rear	10mm	FIG A.20	/	23.84	24.50	0.294	0.34	0.174	0.20	0.04
0	Body	LTE Band12	23130	711	25RB-Low	Left	10mm	/	/	23.84	24.50	0.057	0.07	0.035	0.04	-0.15
0	Body	LTE Band12	23130	711	25RB-Low	Right	10mm	/	/	23.84	24.50	0.105	0.12	0.066	0.08	-0.18
0	Body	LTE Band12	23130	711	25RB-Low	Bottom	10mm	/	/	23.84	24.50	0.088	0.10	0.042	0.05	0.19
0	Head	LTE Band13	23230	782	1RB-Low	Cheek Left	0mm	FIG A.21	/	24.46	25.50	0.260	0.33	0.203	0.26	0.10
0	Head	LTE Band13	23230	782	1RB-Low	Tilt Left	0mm	/	/	24.46	25.50	0.161	0.20	0.133	0.17	0.19
0	Head	LTE Band13	23230	782	1RB-Low	Cheek Right	0mm	/	/	24.46	25.50	0.245	0.31	0.192	0.24	-0.10
0	Head	LTE Band13	23230	782	1RB-Low	Tilt Right	0mm	/	/	24.46	25.50	0.177	0.22	0.143	0.18	0.18
0	Head	LTE Band13	23230	782	25RB-High	Cheek Left	0mm	/	/	23.48	24.50	0.206	0.26	0.161	0.20	0.04
0	Head	LTE Band13	23230	782	25RB-High	Tilt Left	0mm	/	/	23.48	24.50	0.123	0.16	0.102	0.13	0.16
0	Head	LTE Band13	23230	782	25RB-High	Cheek Right	0mm	/	/	23.48	24.50	0.200	0.25	0.156	0.20	-0.10
0	Head	LTE Band13	23230	782	25RB-High	Tilt Right	0mm	/	/	23.48	24.50	0.138	0.17	0.111	0.14	0.11
0	Body	LTE Band13	23230	782	1RB-Low	Front	10mm	/	/	24.46	25.50	0.289	0.37	0.202	0.26	0.08
0	Body	LTE Band13	23230	782	1RB-Low	Rear	10mm	FIG A.22	/	24.46	25.50	0.501	0.64	0.285	0.36	-0.06
0	Body	LTE Band13	23230	782	1RB-Low	Left	10mm	/	/	24.46	25.50	0.149	0.19	0.096	0.12	0.09
0	Body	LTE Band13	23230	782	1RB-Low	Right	10mm	/	/	24.46	25.50	0.157	0.20	0.103	0.13	-0.02
0	Body	LTE Band13	23230	782	1RB-Low	Bottom	10mm	/	/	24.46	25.50	0.361	0.46	0.195	0.25	-0.06
0	Body	LTE Band13	23230	782	25RB-High	Front	10mm	/	/	23.48	24.50	0.217	0.27	0.152	0.19	-0.05
0	Body	LTE Band13	23230	782	25RB-High	Rear	10mm	/	/	23.48	24.50	0.414	0.52	0.234	0.30	0.15
0	Body	LTE Band13	23230	782	25RB-High	Left	10mm	/	/	23.48	24.50	0.100	0.13	0.066	0.08	-0.04
0	Body	LTE Band13	23230	782	25RB-High	Right	10mm	/	/	23.48	24.50	0.105	0.13	0.069	0.09	-0.03
0	Body	LTE Band13	23230	782	25RB-High	Bottom	10mm	/	/	23.48	24.50	0.291	0.37	0.156	0.20	-0.16
0	Body	LTE Band13	23230	782	1RB-Low	Rear	23mm	/	/	24.46	25.50	0.250	0.32	0.190	0.24	0.17
0	Head	LTE Band14	23330	793	1RB-Low	Cheek Left	0mm	/	/	24.66	25.50	0.238	0.29	0.188	0.23	-0.10
0	Head	LTE Band14	23330	793	1RB-Low	Tilt Left	0mm	/	/	24.66	25.50	0.155	0.19	0.128	0.16	0.09
0	Head	LTE Band14	23330	793	1RB-Low	Cheek Right	0mm	FIG A.23	/	24.66	25.50	0.285	0.35	0.222	0.27	0.15
0	Head	LTE Band14	23330	793	1RB-Low	Tilt Right	0mm	/	/	24.66	25.50	0.200	0.24	0.161	0.20	-0.08
0	Head	LTE Band14	23330	793	25RB-Middle	Cheek Left	0mm	/	/	23.74	24.50	0.192	0.23	0.152	0.18	0.07
0	Head	LTE Band14	23330	793	25RB-Low	Tilt Left	0mm	/	/	23.74	24.50	0.128	0.15	0.105	0.13	-0.15
0	Head	LTE Band14	23330	793	25RB-Low	Cheek Right	0mm	/	/	23.74	24.50	0.231	0.28	0.179	0.21	-0.03
0	Head	LTE Band14	23330	793	25RB-Low	Tilt Right	0mm	/	/	23.74	24.50	0.158	0.19	0.126	0.15	0.18
0	Body	LTE Band14	23330	793	1RB-Low	Front	10mm	/	/	24.66	25.50	0.283	0.34	0.174	0.21	0.13
0	Body	LTE Band14	23330	793	1RB-Low	Rear	10mm	FIG A.24	/	24.66	25.50	0.552	0.67	0.312	0.38	-0.01
0	Body	LTE Band14	23330	793	1RB-Low	Left	10mm	/	/	24.66	25.50	0.101	0.12	0.064	0.08	0.10
0	Body	LTE Band14	23330	793	1RB-Low	Right	10mm	/	/	24.66	25.50	0.246	0.30	0.158	0.19	0.15
0	Body	LTE Band14	23330	793	1RB-Low	Bottom	10mm	/	/	24.66	25.50	0.541	0.66	0.293	0.36	-0.09
0	Body	LTE Band14	23330	793	25RB-Low	Front	10mm	/	/	23.74	24.50	0.233	0.28	0.144	0.17	-0.02
0	Body	LTE Band14	23330	793	25RB-Low	Rear	10mm	/	/	23.74	24.50	0.457	0.54	0.259	0.31	-0.18
0	Body	LTE Band14	23330	793	25RB-Low	Left	10mm	/	/	23.74	24.50	0.079	0.09	0.049	0.06	-0.16
0	Body	LTE Band14	23330	793	25RB-Low	Right	10mm	/	/	23.74	24.50	0.138	0.16	0.089	0.11	0.17
0	Body	LTE Band14	23330	793	25RB-Low	Bottom	10mm	/	/	23.74	24.50	0.484	0.58	0.268	0.32	0.18
0	Body	LTE Band14	23330	793	1RB-Low	Rear	23mm	/	/	24.66	25.50	0.219	0.27	0.166	0.20	0.00



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.		Butt 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
4	Head	LTE Band25	26590	1905	1RB-Middle	Cheek Left	0mm	/	/	17.12	17.50	0.425	0.46	0.212	0.23	-0.01
4	Head	LTE Band25	26590	1905	1RB-Middle	Tilt Left	0mm	/	/	17.12	17.50	0.552	0.60	0.261	0.28	0.08
4	Head	LTE Band25	26590	1905	1RB-Middle	Cheek Right	0mm	/	/	17.12	17.50	0.596	0.65	0.290	0.32	-0.12
4	Head	LTE Band25	26590	1905	1RB-Middle	Tilt Right	0mm	/	/	17.12	17.50	0.651	0.71	0.320	0.35	-0.19
4	Head	LTE Band25	26590	1905	50RB-Low	Cheek Left	0mm	/	/	17.15	17.50	0.354	0.38	0.185	0.20	0.16
4	Head	LTE Band25	26590	1905	50RB-Low	Tilt Left	0mm	/	/	17.15	17.50	0.509	0.55	0.237	0.26	0.03
4	Head	LTE Band25	26590	1905	50RB-Low	Cheek Right	0mm	/	/	17.15	17.50	0.698	0.76	0.343	0.37	0.14
4	Head	LTE Band25	26590	1905	50RB-Low	Tilt Right	0mm	/	/	17.15	17.50	0.845	0.92	0.356	0.39	0.08
4	Head	LTE Band25	26365	1882.5	50RB-Low	Tilt Right	0mm	FIG A.25	/	17.10	17.50	0.892	0.98	0.390	0.43	-0.01
4	Head	LTE Band25	26140	1860	50RB-Low	Tilt Right	0mm	/	/	17.03	17.50	0.867	0.97	0.384	0.43	-0.03
4	Head	LTE Band25	26590	1905	100RB	Tilt Right	0mm	/	/	17.09	17.50	0.867	0.95	0.387	0.43	-0.14
4	Body	LTE Band25	26590	1905	1RB-Middle	Front	10mm	/	/	19.05	20.50	0.313	0.44	0.168	0.23	-0.06
4	Body	LTE Band25	26590	1905	1RB-Middle	Rear	10mm	/	/	19.05	20.50	0.534	0.75	0.272	0.38	-0.14
4	Body	LTE Band25	26590	1905	1RB-Middle	Left	10mm	/	/	19.05	20.50	0.099	0.14	0.058	0.08	-0.01
4	Body	LTE Band25	26590	1905	1RB-Middle	Top	10mm	/	/	19.05	20.50	0.457	0.64	0.228	0.32	0.10
4	Body	LTE Band25	26590	1905	50RB-Low	Front	10mm	/	/	19.16	20.50	0.312	0.42	0.168	0.23	0.07
4	Body	LTE Band25	26590	1905	50RB-Low	Rear	10mm	/	/	19.16	20.50	0.412	0.56	0.218	0.30	-0.03
4	Body	LTE Band25	26590	1905	50RB-Low	Left	10mm	/	/	19.16	20.50	0.098	0.13	0.058	0.08	-0.19
4	Body	LTE Band25	26590	1905	50RB-Low	Top	10mm	/	/	19.16	20.50	0.380	0.52	0.191	0.26	-0.13
4	Body	LTE Band25	26590	1905	1RB-Middle	Front	17mm	/	/	24.81	25.50	0.501	0.59	0.290	0.34	-0.17
4	Body	LTE Band25	26590	1905	1RB-Middle	Rear	23mm	/	/	24.81	25.50	0.538	0.63	0.312	0.37	-0.13
4	Body	LTE Band25	26590	1905	1RB-Middle	Left	17mm	/	/	24.81	25.50	0.193	0.23	0.121	0.14	0.15
4	Body	LTE Band25	26590	1905	1RB-Middle	Top	22mm	FIG A.26	/	24.81	25.50	0.703	0.82	0.395	0.46	-0.01
4	Body	LTE Band25	26590	1905	50RB-Low	Front	17mm	/	/	23.80	24.50	0.401	0.47	0.230	0.27	-0.06
4	Body	LTE Band25	26590	1905	50RB-Low	Rear	23mm	/	/	23.80	24.50	0.424	0.50	0.245	0.29	0.05
4	Body	LTE Band25	26590	1905	50RB-Low	Left	17mm	/	/	23.80	24.50	0.151	0.18	0.094	0.11	-0.06
4	Body	LTE Band25	26590	1905	50RB-Low	Top	22mm	/	/	23.80	24.50	0.557	0.65	0.313	0.37	0.13
0	Head	LTE Band26	26965	841.5	1RB-Middle	Cheek Left	0mm	/	/	24.70	25.50	0.290	0.35	0.218	0.26	0.02
0	Head	LTE Band26	26965	841.5	1RB-Middle	Tilt Left	0mm	/	/	24.70	25.50	0.164	0.20	0.132	0.16	-0.04
0	Head	LTE Band26	26965	841.5	1RB-Middle	Cheek Right	0mm	FIG A.27	/	24.70	25.50	0.292	0.35	0.225	0.27	-0.10
0	Head	LTE Band26	26965	841.5	1RB-Middle	Tilt Right	0mm	/	/	24.70	25.50	0.201	0.24	0.155	0.19	0.12
0	Head	LTE Band26	26775	822.5	36RB-Low	Cheek Left	0mm	/	/	23.73	24.50	0.203	0.24	0.157	0.19	0.16
0	Head	LTE Band26	26775	822.5	36RB-Low	Tilt Left	0mm	/	/	23.73	24.50	0.106	0.13	0.085	0.10	0.16
0	Head	LTE Band26	26775	822.5	36RB-Low	Cheek Right	0mm	/	/	23.73	24.50	0.218	0.26	0.167	0.20	-0.09
0	Head	LTE Band26	26775	822.5	36RB-Low	Tilt Right	0mm	/	/	23.73	24.50	0.148	0.18	0.116	0.14	-0.16
0	Body	LTE Band26	26965	841.5	1RB-Middle	Front	10mm	/	/	24.70	25.50	0.367	0.44	0.220	0.26	0.03
0	Body	LTE Band26	26965	841.5	1RB-Middle	Rear	10mm	FIG A.28	/	24.70	25.50	0.747	0.90	0.428	0.51	-0.03
0	Body	LTE Band26	26865	831.5	1RB-Middle	Rear	10mm	/	/	24.70	25.50	0.715	0.86	0.403	0.48	0.12
0	Body	LTE Band26	26775	822.5	1RB-Middle	Rear	10mm	/	/	24.64	25.50	0.733	0.89	0.416	0.51	0.11
0	Body	LTE Band26	26965	841.5	1RB-Middle	Left	10mm	/	/	24.70	25.50	0.225	0.27	0.144	0.17	-0.13
0	Body	LTE Band26	26965	841.5	1RB-Middle	Right	10mm	/	/	24.70	25.50	0.369	0.44	0.238	0.29	0.12
0	Body	LTE Band26	26965	841.5	1RB-Middle	Bottom	10mm	/	/	24.70	25.50	0.412	0.50	0.217	0.26	0.08
0	Body	LTE Band26	26775	822.5	36RB-Low	Front	10mm	/	/	23.73	24.50	0.277	0.33	0.169	0.20	0.11
0	Body	LTE Band26	26775	822.5	36RB-Low	Rear	10mm	/	/	23.73	24.50	0.552	0.66	0.314	0.37	0.07
0	Body	LTE Band26	26775	822.5	36RB-Low	Left	10mm	/	/	23.73	24.50	0.204	0.24	0.127	0.15	-0.04
0	Body	LTE Band26	26775	822.5	36RB-Low	Right	10mm	/	/	23.73	24.50	0.315	0.38	0.200	0.24	0.05
0	Body	LTE Band26	26775	822.5	36RB-Low	Bottom	10mm	/	/	23.73	24.50	0.300	0.36	0.156	0.19	0.00
0	Body	LTE Band26	26965	841.5	100RB	Rear	10mm	/	/	23.67	24.50	0.561	0.68	0.317	0.38	-0.09
4	Head	LTE Band30	27710	2310	1RB-Middle	Cheek Left	0mm	/	Note1	16.47	17.80	0.330	0.45	0.148	0.20	0.16
4	Head	LTE Band30	27710	2310	1RB-Middle	Tilt Left	0mm	/	Note1	16.47	17.80	0.330	0.45	0.143	0.19	-0.06
4	Head	LTE Band30	27710	2310	1RB-Middle	Cheek Right	0mm	/	Note1	16.47	17.80	0.543	0.74	0.223	0.30	-0.12
4	Head	LTE Band30	27710	2310	1RB-Middle	Tilt Right	0mm	/	Note1	16.47	17.80	0.699	0.95	0.278	0.38	-0.16
4	Head	LTE Band30	27710	2310	25RB-Low	Cheek Left	0mm	/	Note1	16.39	17.80	0.297	0.41	0.131	0.18	-0.02
4	Head	LTE Band30	27710	2310	25RB-Low	Tilt Left	0mm	/	Note1	16.39	17.80	0.332	0.46	0.143	0.20	0.10
4	Head	LTE Band30	27710	2310	25RB-Low	Cheek Right	0mm	/	Note1	16.39	17.80	0.550	0.76	0.226	0.31	-0.18
4	Head	LTE Band30	27710	2310	25RB-Low	Tilt Right	0mm	FIG A.29	Note1	16.39	17.80	0.722	1.00	0.288	0.40	0.15
4	Head	LTE Band30	27710	2310	50RB	Tilt Right	0mm	/	Note1	16.33	17.80	0.682	0.96	0.269	0.38	-0.06
4	Head	LTE Band30	27710	2310	1RB-Middle	Cheek Left	0mm	/	Note2	13.39	15.00	0.205	0.30	0.089	0.13	-0.08
4	Head	LTE Band30	27710	2310	1RB-Middle	Tilt Left	0mm	/	Note2	13.39	15.00	0.255	0.37	0.107	0.16	0.11
4	Head	LTE Band30	27710	2310	1RB-Middle	Cheek Right	0mm	/	Note2	13.39	15.00	0.319	0.46	0.147	0.21	-0.07
4	Head	LTE Band30	27710	2310	1RB-Middle	Tilt Right	0mm	/	Note2	13.39	15.00	0.367	0.53	0.146	0.21	-0.03
4	Head	LTE Band30	27710	2310	25RB-Low	Cheek Left	0mm	/	Note2	13.44	15.00	0.212	0.30	0.091	0.13	0.03
4	Head	LTE Band30	27710	2310	25RB-Low	Tilt Left	0mm	/	Note2	13.44	15.00	0.270	0.39	0.112	0.16	0.00
4	Head	LTE Band30	27710	2310	25RB-Low	Cheek Right	0mm	/	Note2	13.44	15.00	0.321	0.46	0.148	0.21	0.03
4	Head	LTE Band30	27710	2310	25RB-Low	Tilt Right	0mm	/	Note2	13.44	15.00	0.369	0.53	0.147	0.21	0.14
4	Body	LTE Band30	27710	2310	1RB-Middle	Front	10mm	/	Note1	18.73	20.00	0.176	0.24	0.091	0.12	0.10
4	Body	LTE Band30	27710	2310	1RB-Middle	Rear	10mm	/	Note1	18.73	20.00	0.525	0.70	0.242	0.32	-0.07
4	Body	LTE Band30	27710	2310	1RB-Middle	Left	10mm	/	Note1	18.73	20.00	0.072	0.10	0.043	0.06	-0.03
4	Body	LTE Band30	27710	2310	1RB-Middle	Top	10mm	/	Note1	18.73	20.00	0.434	0.58	0.203	0.27	0.08
4	Body	LTE Band30	27710	2310	25RB-Low	Front	10mm	/	Note1	18.71	20.00	0.180	0.24	0.093	0.13	0.02
4	Body	LTE Band30	27710	2310	25RB-Low	Rear	10mm	FIG A.30	Note1	18.71	20.00	0.534	0.72	0.246	0.33	-0.13
4	Body	LTE Band30	27710	2310	25RB-Low	Left	10mm	/	Note1	18.71	20.00	0.073	0.10	0.044	0.06	-0.18
4	Body	LTE Band30	27710	2310	25RB-Low	Top	10mm	/	Note1	18.71	20.00	0.445	0.60	0.208	0.28	0.12
4	Body	LTE Band30	27710	2310	1RB-Middle	Front	10mm	/	Note2	16.47	18.00	0.140	0.20	0.074	0.11	-0.17
4	Body	LTE Band30	27710	2310	1RB-Middle	Rear	10mm	/	Note2	16.47	18.00	0.394	0.56	0.182	0.26	0.05
4	Body	LTE Band30	27710	2310	1RB-Middle	Left	10mm	/	Note2	16.47	18.00	0.071	0.10	0.043	0.06	0.02
4	Body	LTE Band30	27710	2310	1RB-Middle	Top	10mm	/	Note2	16.47	18.00	0.314	0.45	0.148	0.21	-0.19
4	Body	LTE Band30	27710	2310	25RB-Low	Front	10mm	/	Note2	16.39	18.00	0.142	0.21	0.075	0.11	0.14
4	Body	LTE Band30	27710	2310	25RB-Low	Rear	10mm	/	Note2	16.39	18.00	0.390	0.57	0.192	0.28	0.16
4	Body	LTE Band30	27710	2310	25RB-Low	Left	10mm	/	Note2	16.39	18.00	0.072	0.10	0.043	0.06	-0.10
4	Body	LTE Band30	27710	2310	25RB-Low	Top	10mm	/	Note2	16.39	18.00	0.320	0.46	0.152	0.22	-0.13
4	Body	LTE Band30	27710	2310	1RB-Middle	Front	17mm	/	/	23.64	24.50	0.308	0.38	0.164	0.20	0.11
4	Body	LTE Band30	27710	2310	1RB-Middle	Rear	23mm	/	/	23.64	24.50	0.440	0.54	0.238	0.29	-0.

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	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
4	Head	LTE Band38	37850	2580	1RB-Middle	Cheek Left	0mm	/	/	21.32	22.10	0.203	0.24	0.095	0.11	-0.14
4	Head	LTE Band38	37850	2580	1RB-Middle	Tilt Left	0mm	/	/	21.32	22.10	0.299	0.36	0.139	0.17	0.16
4	Head	LTE Band38	38150	2610	1RB-Middle	Cheek Right	0mm	/	/	21.24	22.10	0.722	0.88	0.333	0.41	0.13
4	Head	LTE Band38	38000	2595	1RB-Middle	Cheek Right	0mm	/	/	21.30	22.10	0.720	0.87	0.328	0.39	0.02
4	Head	LTE Band38	37850	2580	1RB-Middle	Cheek Right	0mm	/	/	21.32	22.10	0.725	0.87	0.319	0.38	0.13
4	Head	LTE Band38	38150	2610	1RB-Middle	Tilt Right	0mm	/	/	21.24	22.10	0.780	0.95	0.316	0.39	0.17
4	Head	LTE Band38	38000	2595	1RB-Middle	Tilt Right	0mm	/	/	21.30	22.10	0.822	0.99	0.331	0.40	-0.06
4	Head	LTE Band38	37850	2580	1RB-Middle	Tilt Right	0mm	/	/	21.32	22.10	0.821	0.98	0.339	0.41	0.03
4	Head	LTE Band38	37850	2580	50RB-Low	Cheek Left	0mm	/	/	21.36	22.10	0.200	0.24	0.095	0.11	0.08
4	Head	LTE Band38	37850	2580	50RB-Low	Tilt Left	0mm	/	/	21.36	22.10	0.295	0.35	0.136	0.16	0.08
4	Head	LTE Band38	38150	2610	50RB-Low	Cheek Right	0mm	/	/	21.27	22.10	0.705	0.85	0.325	0.39	0.08
4	Head	LTE Band38	38000	2595	50RB-Low	Cheek Right	0mm	/	/	21.34	22.10	0.721	0.86	0.327	0.39	0.09
4	Head	LTE Band38	37850	2580	50RB-Low	Cheek Right	0mm	/	/	21.36	22.10	0.726	0.86	0.321	0.38	0.11
4	Head	LTE Band38	38150	2610	50RB-Low	Tilt Right	0mm	/	/	21.27	22.10	0.789	0.96	0.316	0.38	0.12
4	Head	LTE Band38	38000	2595	50RB-Low	Tilt Right	0mm	FIG A.31	/	21.34	22.10	0.825	0.98	0.337	0.40	-0.15
4	Head	LTE Band38	37850	2580	50RB-Low	Tilt Right	0mm	/	/	21.36	22.10	0.813	0.96	0.335	0.40	-0.10
4	Head	LTE Band38	37850	2580	100RB	Cheek Right	0mm	/	/	21.31	22.10	0.680	0.82	0.316	0.38	0.05
4	Head	LTE Band38	37850	2580	100RB	Tilt Right	0mm	/	/	21.31	22.10	0.762	0.91	0.318	0.38	0.16
4	Body	LTE Band38	37850	2580	1RB-Middle	Front	10mm	/	/	21.32	22.50	0.153	0.20	0.078	0.10	-0.09
4	Body	LTE Band38	37850	2580	1RB-Middle	Rear	10mm	FIG A.32	/	21.32	22.50	0.574	0.75	0.272	0.36	0.03
4	Body	LTE Band38	37850	2580	1RB-Middle	Left	10mm	/	/	21.32	22.50	0.198	0.26	0.101	0.13	0.16
4	Body	LTE Band38	37850	2580	1RB-Middle	Top	10mm	/	/	21.32	22.50	0.510	0.67	0.225	0.30	-0.17
4	Body	LTE Band38	37850	2580	50RB-Low	Front	10mm	/	/	21.36	22.50	0.149	0.19	0.077	0.10	-0.15
4	Body	LTE Band38	37850	2580	50RB-Low	Rear	10mm	/	/	21.36	22.50	0.562	0.73	0.267	0.35	-0.10
4	Body	LTE Band38	37850	2580	50RB-Low	Left	10mm	/	/	21.36	22.50	0.197	0.26	0.100	0.13	0.10
4	Body	LTE Band38	37850	2580	50RB-Low	Top	10mm	/	/	21.36	22.50	0.507	0.66	0.223	0.29	-0.17
4	Body	LTE Band38	37850	2580	1RB-Middle	Front	17mm	/	/	23.58	24.50	0.121	0.15	0.066	0.08	-0.05
4	Body	LTE Band38	37850	2580	1RB-Middle	Rear	23mm	/	/	23.58	24.50	0.230	0.28	0.124	0.15	-0.03
4	Body	LTE Band38	37850	2580	1RB-Middle	Left	17mm	/	/	23.58	24.50	0.133	0.16	0.069	0.09	-0.04
4	Body	LTE Band38	37850	2580	1RB-Middle	Top	22mm	/	/	23.58	24.50	0.333	0.41	0.166	0.21	-0.15
4	Body	LTE Band38	37850	2580	50RB-Low	Front	17mm	/	/	22.50	23.50	0.096	0.12	0.052	0.07	-0.12
4	Body	LTE Band38	37850	2580	50RB-Low	Rear	23mm	/	/	22.50	23.50	0.183	0.23	0.098	0.12	-0.10
4	Body	LTE Band38	37850	2580	50RB-Low	Left	17mm	/	/	22.50	23.50	0.106	0.13	0.054	0.07	-0.11
4	Body	LTE Band38	37850	2580	50RB-Low	Top	22mm	/	/	22.50	23.50	0.244	0.31	0.119	0.15	-0.17
4	Head	LTE Band41-PC3	41490	2680	1RB-Middle	Cheek Left	0mm	/	/	19.77	21.00	0.200	0.27	0.080	0.11	0.07
4	Head	LTE Band41-PC3	41490	2680	1RB-Middle	Tilt Left	0mm	/	/	19.77	21.00	0.255	0.34	0.095	0.13	-0.03
4	Head	LTE Band41-PC3	41490	2680	1RB-Middle	Cheek Right	0mm	/	/	19.77	21.00	0.637	0.85	0.256	0.34	0.05
4	Head	LTE Band41-PC3	41055	2636.5	1RB-Middle	Cheek Right	0mm	/	/	19.73	21.00	0.543	0.73	0.251	0.34	-0.16
4	Head	LTE Band41-PC3	40620	2593	1RB-Middle	Cheek Right	0mm	/	/	19.76	21.00	0.574	0.76	0.257	0.34	-0.16
4	Head	LTE Band41-PC3	40185	2549.5	1RB-Middle	Cheek Right	0mm	/	/	19.75	21.00	0.494	0.66	0.223	0.30	0.08
4	Head	LTE Band41-PC3	39750	2506	1RB-Middle	Cheek Right	0mm	/	/	19.58	21.00	0.458	0.64	0.207	0.29	0.11
4	Head	LTE Band41-PC3	41490	2680	1RB-Middle	Tilt Right	0mm	/	/	19.77	21.00	0.710	0.94	0.286	0.38	0.02
4	Head	LTE Band41-PC3	41055	2636.5	1RB-Middle	Tilt Right	0mm	/	/	19.73	21.00	0.619	0.83	0.263	0.35	-0.05
4	Head	LTE Band41-PC3	40620	2593	1RB-Middle	Tilt Right	0mm	/	/	19.76	21.00	0.635	0.84	0.270	0.36	-0.13
4	Head	LTE Band41-PC3	40185	2549.5	1RB-Middle	Tilt Right	0mm	/	/	19.75	21.00	0.578	0.77	0.249	0.33	-0.14
4	Head	LTE Band41-PC3	39750	2506	1RB-Middle	Tilt Right	0mm	/	/	19.58	21.00	0.553	0.77	0.242	0.34	0.08
4	Head	LTE Band41-PC3	41490	2680	50RB-Low	Cheek Left	0mm	/	/	19.82	21.00	0.209	0.27	0.083	0.11	0.11
4	Head	LTE Band41-PC3	41490	2680	50RB-Low	Tilt Left	0mm	/	/	19.82	21.00	0.260	0.34	0.098	0.13	-0.04
4	Head	LTE Band41-PC3	41490	2680	50RB-Low	Cheek Right	0mm	/	/	19.82	21.00	0.648	0.85	0.264	0.35	-0.06
4	Head	LTE Band41-PC3	41055	2636.5	50RB-Middle	Cheek Right	0mm	/	/	19.75	21.00	0.501	0.67	0.230	0.31	0.01
4	Head	LTE Band41-PC3	40620	2593	50RB-Middle	Cheek Right	0mm	/	/	19.72	21.00	0.493	0.66	0.224	0.30	-0.19
4	Head	LTE Band41-PC3	40185	2549.5	50RB-Middle	Cheek Right	0mm	/	/	19.76	21.00	0.452	0.60	0.206	0.27	-0.08
4	Head	LTE Band41-PC3	39750	2506	50RB-Middle	Cheek Right	0mm	/	/	19.60	21.00	0.417	0.58	0.193	0.27	-0.17
4	Head	LTE Band41-PC3	41490	2680	50RB-Low	Tilt Right	0mm	FIG A.33	/	19.82	21.00	0.728	0.96	0.295	0.39	0.01
4	Head	LTE Band41-PC3	41055	2636.5	50RB-Middle	Tilt Right	0mm	/	/	19.75	21.00	0.670	0.89	0.264	0.35	-0.06
4	Head	LTE Band41-PC3	40620	2593	50RB-Middle	Tilt Right	0mm	/	/	19.72	21.00	0.621	0.83	0.264	0.35	-0.16
4	Head	LTE Band41-PC3	40185	2549.5	50RB-Middle	Tilt Right	0mm	/	/	19.76	21.00	0.577	0.77	0.248	0.33	0.18
4	Head	LTE Band41-PC3	39750	2506	50RB-Middle	Tilt Right	0mm	/	/	19.60	21.00	0.552	0.76	0.242	0.33	0.11
4	Head	LTE Band41-PC3	41490	2680	100RB	Cheek Right	0mm	/	/	19.78	21.00	0.486	0.64	0.227	0.30	-0.02
4	Head	LTE Band41-PC3	41490	2680	100RB	Tilt Right	0mm	/	/	19.78	21.00	0.546	0.72	0.232	0.31	-0.11
4	Head	LTE Band41-PC3	41490	2680	1RB-Low	Tilt Right	0mm	/	ULCA	19.67	21.00	0.683	0.93	0.264	0.36	0.02
4	Body	LTE Band41-PC3	41490	2680	1RB-Middle	Front	10mm	/	/	19.77	21.00	0.180	0.24	0.091	0.12	0.09
4	Body	LTE Band41-PC3	41490	2680	1RB-Middle	Rear	10mm	/	/	19.77	21.00	0.536	0.71	0.259	0.34	0.09
4	Body	LTE Band41-PC3	41490	2680	1RB-Middle	Left	10mm	/	/	19.77	21.00	0.322	0.43	0.161	0.21	-0.06
4	Body	LTE Band41-PC3	41490	2680	1RB-Middle	Top	10mm	/	/	19.77	21.00	0.486	0.65	0.214	0.28	0.06
4	Body	LTE Band41-PC3	41490	2680	50RB-Low	Front	10mm	/	/	19.82	21.00	0.187	0.25	0.095	0.12	0.06
4	Body	LTE Band41-PC3	41490	2680	50RB-Low	Rear	10mm	FIG A.34	/	19.82	21.00	0.547	0.72	0.266	0.35	0.11
4	Body	LTE Band41-PC3	41490	2680	50RB-Low	Left	10mm	/	/	19.82	21.00	0.338	0.44	0.168	0.22	0.10
4	Body	LTE Band41-PC3	41490	2680	50RB-Low	Top	10mm	/	/	19.82	21.00	0.500	0.66	0.220	0.29	0.15
4	Body	LTE Band41-PC3	41490	2680	1RB-Low	Front	17mm	/	/	23.55	24.50	0.164	0.20	0.088	0.11	-0.05
4	Body	LTE Band41-PC3	41490	2680	1RB-Low	Rear	23mm	/	/	23.55	24.50	0.315	0.39	0.171	0.21	0.18
4	Body	LTE Band41-PC3	41490	2680	1RB-Low	Left	17mm	/	/	23.55	24.50	0.263	0.33	0.139	0.17	-0.08
4	Body	LTE Band41-PC3	41490	2680	1RB-Low	Top	22mm	/	/	23.55	24.50	0.253	0.31	0.127	0.16	0.18
4	Body	LTE Band41-PC3	41490	2680	50RB-Low	Front	17mm	/	/	22.75	23.50	0.129	0.15	0.070	0.08	-0.14
4	Body	LTE Band41-PC3	41490	2680	50RB-Low	Rear	23mm	/	/	22.75	23.50	0.259	0.31	0.139	0.17	0.10
4	Body	LTE Band41-PC3	41490	2680	50RB-Low	Left	17mm	/	/	22.75	23.50	0.210	0.25	0.111	0.13	-0.17
4	Body	LTE Band41-PC3	41490	2680	50RB-Low	Top	22mm	/	/	22.75	23.50	0.202	0.24	0.102	0.12	0.18
4	Body	LTE Band41-PC3	41490	2680	50RB-Low	Rear	10mm	/	ULCA	19.67	21.00	0.507	0.69	0.231	0.31	-0.06



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ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	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
4	Head	LTE Band41-PC2	41490	2680	1RB-Middle	Cheek Left	0mm	/	/	20.91	22.00	0.153	0.20	0.069	0.09	0.02
4	Head	LTE Band41-PC2	41490	2680	1RB-Middle	Tilt Left	0mm	/	/	20.91	22.00	0.165	0.21	0.070	0.09	-0.15
4	Head	LTE Band41-PC2	41490	2680	1RB-Middle	Cheek Right	0mm	/	/	20.91	22.00	0.369	0.47	0.170	0.22	-0.07
4	Head	LTE Band41-PC2	41490	2680	1RB-Middle	Tilt Right	0mm	/	/	20.91	22.00	0.451	0.58	0.182	0.23	-0.19
4	Head	LTE Band41-PC2	41490	2680	50RB-Middle	Cheek Left	0mm	/	/	20.90	22.00	0.128	0.16	0.058	0.07	-0.08
4	Head	LTE Band41-PC2	41490	2680	50RB-Middle	Tilt Left	0mm	/	/	20.90	22.00	0.148	0.19	0.066	0.09	-0.09
4	Head	LTE Band41-PC2	41490	2680	50RB-Middle	Cheek Right	0mm	/	/	20.90	22.00	0.346	0.45	0.163	0.21	-0.15
4	Head	LTE Band41-PC2	41490	2680	50RB-Middle	Tilt Right	0mm	FIG A.35	/	20.90	22.00	0.452	0.58	0.184	0.24	0.05
4	Body	LTE Band41-PC2	41490	2680	1RB-Middle	Front	10mm	/	/	22.95	24.00	0.211	0.27	0.099	0.13	0.11
4	Body	LTE Band41-PC2	41490	2680	1RB-Middle	Rear	10mm	/	/	22.95	24.00	0.576	0.73	0.290	0.37	0.18
4	Body	LTE Band41-PC2	41490	2680	1RB-Middle	Left	10mm	/	/	22.95	24.00	0.348	0.44	0.164	0.21	-0.04
4	Body	LTE Band41-PC2	41490	2680	1RB-Middle	Top	10mm	/	/	22.95	24.00	0.500	0.64	0.207	0.26	-0.19
4	Body	LTE Band41-PC2	41490	2680	50RB-Low	Front	10mm	/	/	22.91	24.00	0.213	0.27	0.100	0.13	-0.08
4	Body	LTE Band41-PC2	41490	2680	50RB-Low	Rear	10mm	FIG A.36	/	22.91	24.00	0.597	0.77	0.300	0.39	-0.17
4	Body	LTE Band41-PC2	41490	2680	50RB-Low	Left	10mm	/	/	22.91	24.00	0.365	0.47	0.172	0.22	0.11
4	Body	LTE Band41-PC2	41490	2680	50RB-Low	Top	10mm	/	/	22.91	24.00	0.515	0.66	0.213	0.27	-0.19
4	Body	LTE Band41-PC2	41490	2680	1RB-Middle	Front	17mm	/	/	26.52	27.50	0.229	0.29	0.123	0.15	0.06
4	Body	LTE Band41-PC2	41490	2680	1RB-Middle	Rear	23mm	/	/	26.52	27.50	0.409	0.51	0.223	0.28	-0.12
4	Body	LTE Band41-PC2	41490	2680	1RB-Middle	Left	17mm	/	/	26.52	27.50	0.359	0.45	0.189	0.24	-0.02
4	Body	LTE Band41-PC2	41490	2680	1RB-Middle	Top	22mm	/	/	26.52	27.50	0.336	0.42	0.169	0.21	-0.01
4	Body	LTE Band41-PC2	41490	2680	50RB-Low	Front	17mm	/	/	25.58	26.50	0.188	0.23	0.101	0.12	-0.03
4	Body	LTE Band41-PC2	41490	2680	50RB-Low	Rear	23mm	/	/	25.58	26.50	0.334	0.41	0.181	0.22	-0.16
4	Body	LTE Band41-PC2	41490	2680	50RB-Low	Left	17mm	/	/	25.58	26.50	0.307	0.38	0.162	0.20	0.11
4	Body	LTE Band41-PC2	41490	2680	50RB-Low	Top	22mm	/	/	25.58	26.50	0.279	0.34	0.140	0.17	-0.14
5	Head	LTE Band48	55990	3625	1RB-Middle	Cheek Left	0mm	/	Note1	17.74	19.00	0.574	0.77	0.249	0.33	0.09
5	Head	LTE Band48	55990	3625	1RB-Middle	Tilt Left	0mm	/	Note1	17.74	19.00	0.584	0.78	0.270	0.36	-0.16
5	Head	LTE Band48	55990	3625	1RB-Middle	Cheek Right	0mm	/	Note1	17.74	19.00	0.342	0.46	0.159	0.21	-0.02
5	Head	LTE Band48	55990	3625	1RB-Middle	Tilt Right	0mm	/	Note1	17.74	19.00	0.451	0.60	0.194	0.26	0.13
5	Head	LTE Band48	55990	3625	50RB-Middle	Cheek Left	0mm	/	Note1	17.68	19.00	0.598	0.81	0.278	0.38	-0.14
5	Head	LTE Band48	55990	3625	50RB-Middle	Cheek Right	0mm	/	Note1	17.69	19.00	0.602	0.81	0.279	0.38	-0.17
5	Head	LTE Band48	55990	3625	50RB-Middle	Cheek Left	0mm	/	Note1	17.64	19.00	0.674	0.92	0.309	0.42	-0.19
5	Head	LTE Band48	55990	3625	50RB-Middle	Tilt Left	0mm	/	Note1	17.68	19.00	0.630	0.85	0.276	0.37	0.12
5	Head	LTE Band48	55990	3625	50RB-Middle	Tilt Right	0mm	/	Note1	17.69	19.00	0.653	0.88	0.285	0.39	-0.09
5	Head	LTE Band48	55990	3625	50RB-Middle	Tilt Left	0mm	FIG A.37	Note1	17.64	19.00	0.717	0.98	0.314	0.43	-0.04
5	Head	LTE Band48	55990	3625	50RB-Middle	Cheek Right	0mm	/	Note1	17.85	19.00	0.347	0.45	0.161	0.21	0.09
5	Head	LTE Band48	55990	3625	50RB-Middle	Tilt Right	0mm	/	Note1	17.85	19.00	0.393	0.51	0.176	0.23	0.07
5	Head	LTE Band48	55990	3625	100RB	Cheek Left	0mm	/	Note1	17.63	19.00	0.595	0.82	0.278	0.38	0.11
5	Head	LTE Band48	55990	3625	100RB	Tilt Left	0mm	/	Note1	17.63	19.00	0.653	0.90	0.287	0.39	0.07
5	Head	LTE Band48	55990	3625	1RB-Middle	Cheek Left	0mm	/	Note2	14.63	15.50	0.363	0.44	0.139	0.17	0.12
5	Head	LTE Band48	55990	3625	1RB-Middle	Tilt Left	0mm	/	Note2	14.63	15.50	0.368	0.45	0.141	0.17	-0.08
5	Head	LTE Band48	55990	3625	1RB-Middle	Cheek Right	0mm	/	Note2	14.63	15.50	0.210	0.26	0.083	0.10	0.03
5	Head	LTE Band48	55990	3625	1RB-Middle	Tilt Right	0mm	/	Note2	14.63	15.50	0.210	0.26	0.081	0.10	0.19
5	Head	LTE Band48	55990	3625	50RB-Low	Cheek Left	0mm	/	Note2	14.58	15.50	0.376	0.46	0.138	0.17	0.13
5	Head	LTE Band48	55990	3625	50RB-Low	Tilt Left	0mm	/	Note2	14.58	15.50	0.383	0.47	0.145	0.18	-0.17
5	Head	LTE Band48	55990	3625	50RB-Low	Cheek Right	0mm	/	Note2	14.58	15.50	0.210	0.26	0.083	0.10	-0.18
5	Head	LTE Band48	55990	3625	50RB-Low	Tilt Right	0mm	/	Note2	14.58	15.50	0.215	0.27	0.084	0.10	0.15
5	Body	LTE Band48	55990	3625	1RB-Middle	Front	10mm	/	Note1	20.64	21.50	0.355	0.43	0.158	0.19	-0.12
5	Body	LTE Band48	55990	3625	1RB-Middle	Rear	10mm	/	Note1	20.64	21.50	0.596	0.73	0.252	0.31	0.02
5	Body	LTE Band48	55990	3625	1RB-Middle	Top	10mm	/	Note1	20.64	21.50	0.542	0.66	0.233	0.28	-0.08
5	Body	LTE Band48	55990	3625	50RB-Low	Front	10mm	/	Note1	20.59	21.50	0.378	0.47	0.166	0.20	0.02
5	Body	LTE Band48	55990	3625	50RB-Low	Rear	10mm	FIG A.38	Note1	20.59	21.50	0.607	0.75	0.261	0.32	-0.11
5	Body	LTE Band48	55990	3625	50RB-Low	Top	10mm	/	Note1	20.59	21.50	0.553	0.68	0.239	0.29	-0.07
5	Body	LTE Band48	55990	3625	1RB-Middle	Front	10mm	/	Note2	17.74	19.00	0.117	0.16	0.053	0.07	0.16
5	Body	LTE Band48	55990	3625	1RB-Middle	Rear	10mm	/	Note2	17.74	19.00	0.196	0.26	0.084	0.11	-0.05
5	Body	LTE Band48	55990	3625	1RB-Middle	Top	10mm	/	Note2	17.74	19.00	0.179	0.24	0.078	0.10	-0.05
5	Body	LTE Band48	55990	3625	50RB-Middle	Front	10mm	/	Note2	17.85	19.00	0.125	0.16	0.055	0.07	-0.06
5	Body	LTE Band48	55990	3625	50RB-Middle	Rear	10mm	/	Note2	17.85	19.00	0.200	0.26	0.087	0.11	-0.14
5	Body	LTE Band48	55990	3625	50RB-Middle	Top	10mm	/	Note2	17.85	19.00	0.182	0.24	0.080	0.10	0.15
5	Body	LTE Band48	55990	3625	1RB-Middle	Front	23mm	/	/	23.87	25.00	0.348	0.45	0.165	0.21	-0.19
5	Body	LTE Band48	55990	3625	1RB-Middle	Rear	27mm	/	/	23.87	25.00	0.346	0.45	0.162	0.21	-0.05
5	Body	LTE Band48	55990	3625	1RB-Middle	Right	10mm	/	/	23.87	25.00	0.216	0.28	0.090	0.12	0.08
5	Body	LTE Band48	55990	3625	1RB-Middle	Top	27mm	/	/	23.87	25.00	0.366	0.47	0.170	0.22	0.14
5	Body	LTE Band48	55990	3625	50RB-High	Front	23mm	/	/	22.83	24.00	0.266	0.35	0.128	0.17	-0.06
5	Body	LTE Band48	55990	3625	50RB-High	Rear	27mm	/	/	22.83	24.00	0.277	0.36	0.130	0.17	-0.18
5	Body	LTE Band48	55990	3625	50RB-High	Right	10mm	/	/	22.83	24.00	0.163	0.21	0.067	0.09	0.10
5	Body	LTE Band48	55990	3625	50RB-High	Top	27mm	/	/	22.83	24.00	0.290	0.38	0.133	0.17	0.04

ANT	RF Exposure Condition s	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.		EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR1g (W/kg)	Calculated SAR1g (W/kg)	Measured SAR10g (W/kg)	Calculated SAR10g (W/kg)	Power Drift
4	Head	LTE Band66	132572	1770	1RB-Middle	Cheek Left	0mm	/	Note1	17.68	19.00	0.419	0.57	0.238	0.32	-0.07
4	Head	LTE Band66	132572	1770	1RB-Middle	Tilt Left	0mm	/	Note1	17.68	19.00	0.460	0.62	0.248	0.34	0.19
4	Head	LTE Band66	132572	1770	1RB-Middle	Cheek Right	0mm	/	Note1	17.68	19.00	0.651	0.88	0.324	0.44	0.04
4	Head	LTE Band66	132322	1745	1RB-Middle	Cheek Right	0mm	/	Note1	17.62	19.00	0.570	0.78	0.338	0.46	0.03
4	Head	LTE Band66	132072	1720	1RB-Middle	Cheek Right	0mm	/	Note1	17.52	19.00	0.445	0.63	0.254	0.36	0.08
4	Head	LTE Band66	132572	1770	1RB-Middle	Tilt Right	0mm	FIG A.39	Note1	17.68	19.00	0.722	0.98	0.336	0.46	0.05
4	Head	LTE Band66	132322	1745	1RB-Middle	Tilt Right	0mm	/	Note1	17.62	19.00	0.632	0.87	0.350	0.48	0.10
4	Head	LTE Band66	132072	1720	1RB-Middle	Tilt Right	0mm	/	Note1	17.52	19.00	0.494	0.69	0.263	0.37	0.02
4	Head	LTE Band66	132572	1770	50RB-High	Cheek Left	0mm	/	Note1	17.82	19.00	0.409	0.54	0.233	0.31	0.07
4	Head	LTE Band66	132572	1770	50RB-High	Tilt Left	0mm	/	Note1	17.82	19.00	0.454	0.60	0.245	0.32	-0.11
4	Head	LTE Band66	132572	1770	50RB-High	Cheek Right	0mm	/	Note1	17.82	19.00	0.640	0.84	0.319	0.42	-0.06
4	Head	LTE Band66	132322	1745	50RB-High	Cheek Right	0mm	/	Note1	17.72	19.00	0.558	0.75	0.308	0.41	0.16
4	Head	LTE Band66	132072	1720	50RB-High	Cheek Right	0mm	/	Note1	17.64	19.00	0.447	0.61	0.257	0.35	0.02
4	Head	LTE Band66	132572	1770	50RB-High	Tilt Right	0mm	/	Note1	17.82	19.00	0.708	0.93	0.330	0.43	0.17
4	Head	LTE Band66	132322	1745	50RB-High	Tilt Right	0mm	/	Note1	17.72	19.00	0.619	0.83	0.319	0.43	0.08
4	Head	LTE Band66	132072	1720	50RB-High	Tilt Right	0mm	/	Note1	17.64	19.00	0.496	0.68	0.266	0.36	0.03
4	Head	LTE Band66	132572	1770	100RB	Cheek Right	0mm	/	Note1	17.69	19.00	0.481	0.65	0.272	0.37	-0.16
4	Head	LTE Band66	132572	1770	100RB	Tilt Right	0mm	/	Note1	17.69	19.00	0.533	0.72	0.282	0.38	-0.05
4	Head	LTE Band66	132572	1770	1RB-Middle	Cheek Left	0mm	/	Note2	14.69	16.00	0.210	0.28	0.120	0.16	-0.09
4	Head	LTE Band66	132572	1770	1RB-Middle	Tilt Left	0mm	/	Note2	14.69	16.00	0.233	0.32	0.125	0.17	0.00
4	Head	LTE Band66	132572	1770	1RB-Middle	Cheek Right	0mm	/	Note2	14.69	16.00	0.339	0.46	0.166	0.22	0.18
4	Head	LTE Band66	132572	1770	1RB-Middle	Tilt Right	0mm	/	Note2	14.69	16.00	0.357	0.48	0.167	0.23	-0.04
4	Head	LTE Band66	132572	1770	50RB-Middle	Cheek Left	0mm	/	Note2	14.75	16.00	0.207	0.28	0.118	0.16	-0.06
4	Head	LTE Band66	132572	1770	50RB-Middle	Tilt Left	0mm	/	Note2	14.75	16.00	0.226	0.30	0.123	0.16	0.02
4	Head	LTE Band66	132572	1770	50RB-Middle	Cheek Right	0mm	/	Note2	14.75	16.00	0.334	0.45	0.163	0.22	-0.07
4	Head	LTE Band66	132572	1770	50RB-Middle	Tilt Right	0mm	/	Note2	14.75	16.00	0.349	0.47	0.164	0.22	0.06
4	Body	LTE Band66	132572	1770	1RB-Middle	Front	10mm	/	Note1	21.04	22.50	0.431	0.60	0.238	0.33	-0.04
4	Body	LTE Band66	132572	1770	1RB-Middle	Rear	10mm	FIG A.40	Note1	21.04	22.50	0.615	0.86	0.332	0.46	-0.19
4	Body	LTE Band66	132322	1745	1RB-Middle	Rear	10mm	/	Note1	21.02	22.50	0.592	0.83	0.315	0.44	-0.01
4	Body	LTE Band66	132072	1720	1RB-Middle	Rear	10mm	/	Note1	20.95	22.50	0.545	0.78	0.293	0.42	0.06
4	Body	LTE Band66	132572	1770	1RB-Middle	Left	10mm	/	Note1	21.04	22.50	0.186	0.26	0.108	0.15	0.12
4	Body	LTE Band66	132572	1770	1RB-Middle	Top	10mm	/	Note1	21.04	22.50	0.565	0.79	0.300	0.42	0.19
4	Body	LTE Band66	132572	1770	50RB-High	Front	10mm	/	Note1	21.14	22.50	0.422	0.58	0.233	0.32	-0.17
4	Body	LTE Band66	132572	1770	50RB-High	Rear	10mm	/	Note1	21.14	22.50	0.598	0.82	0.324	0.44	0.05
4	Body	LTE Band66	132322	1745	50RB-High	Rear	10mm	/	Note1	21.03	22.50	0.559	0.78	0.298	0.42	-0.17
4	Body	LTE Band66	132072	1720	50RB-High	Rear	10mm	/	Note1	20.97	22.50	0.534	0.76	0.286	0.41	0.14
4	Body	LTE Band66	132572	1770	50RB-High	Left	10mm	/	Note1	21.14	22.50	0.186	0.25	0.107	0.15	-0.01
4	Body	LTE Band66	132572	1770	50RB-High	Top	10mm	/	Note1	21.14	22.50	0.499	0.68	0.261	0.36	0.01
4	Body	LTE Band66	132572	1770	100RB	Rear	10mm	/	Note1	21.05	22.50	0.580	0.81	0.309	0.43	0.15
4	Body	LTE Band66	132572	1770	1RB-Middle	Front	10mm	/	Note2	17.13	18.50	0.295	0.40	0.171	0.23	-0.14
4	Body	LTE Band66	132572	1770	1RB-Middle	Rear	10mm	/	Note2	17.13	18.50	0.439	0.60	0.237	0.32	0.03
4	Body	LTE Band66	132572	1770	1RB-Middle	Left	10mm	/	Note2	17.13	18.50	0.141	0.19	0.083	0.11	0.15
4	Body	LTE Band66	132572	1770	1RB-Middle	Top	10mm	/	Note2	17.13	18.50	0.362	0.50	0.192	0.26	-0.15
4	Body	LTE Band66	132572	1770	50RB-High	Front	10mm	/	Note2	17.18	18.50	0.293	0.40	0.171	0.23	-0.13
4	Body	LTE Band66	132572	1770	50RB-High	Rear	10mm	/	Note2	17.18	18.50	0.450	0.61	0.248	0.34	-0.13
4	Body	LTE Band66	132572	1770	50RB-High	Left	10mm	/	Note2	17.18	18.50	0.138	0.19	0.081	0.11	0.11
4	Body	LTE Band66	132572	1770	50RB-High	Top	10mm	/	Note2	17.18	18.50	0.375	0.51	0.198	0.27	0.10
4	Body	LTE Band66	132572	1770	1RB-Middle	Front	17mm	/	/	24.70	25.50	0.508	0.61	0.302	0.36	0.14
4	Body	LTE Band66	132572	1770	1RB-Middle	Rear	23mm	/	/	24.70	25.50	0.360	0.43	0.210	0.25	0.09
4	Body	LTE Band66	132572	1770	1RB-Middle	Left	17mm	/	/	24.70	25.50	0.226	0.27	0.142	0.17	0.15
4	Body	LTE Band66	132572	1770	1RB-Middle	Top	22mm	/	/	24.70	25.50	0.562	0.68	0.326	0.39	-0.08
4	Body	LTE Band66	132572	1770	50RB-High	Front	17mm	/	/	23.76	24.50	0.399	0.47	0.239	0.28	0.01
4	Body	LTE Band66	132572	1770	50RB-High	Rear	23mm	/	/	23.76	24.50	0.286	0.34	0.167	0.20	0.02
4	Body	LTE Band66	132572	1770	50RB-High	Left	17mm	/	/	23.76	24.50	0.176	0.21	0.111	0.13	0.10
4	Body	LTE Band66	132572	1770	50RB-High	Top	22mm	/	/	23.76	24.50	0.458	0.54	0.266	0.32	-0.10
0	Head	LTE Band71	133372	688	1RB-Low	Cheek Left	0mm	/	/	24.70	25.50	0.165	0.20	0.132	0.16	-0.12
0	Head	LTE Band71	133372	688	1RB-Low	Tilt Left	0mm	/	/	24.70	25.50	0.124	0.15	0.102	0.12	0.08
0	Head	LTE Band71	133372	688	1RB-Low	Cheek Right	0mm	FIG A.41	/	24.70	25.50	0.215	0.26	0.174	0.21	0.03
0	Head	LTE Band71	133372	688	1RB-Low	Tilt Right	0mm	/	/	24.70	25.50	0.182	0.22	0.146	0.18	0.09
0	Head	LTE Band71	133322	683	50RB-Low	Cheek Left	0mm	/	/	23.77	24.50	0.144	0.17	0.114	0.13	-0.09
0	Head	LTE Band71	133322	683	50RB-Low	Tilt Left	0mm	/	/	23.77	24.50	0.081	0.10	0.067	0.08	-0.05
0	Head	LTE Band71	133322	683	50RB-Low	Cheek Right	0mm	/	/	23.77	24.50	0.145	0.17	0.119	0.14	0.06
0	Head	LTE Band71	133322	683	50RB-Low	Tilt Right	0mm	/	/	23.77	24.50	0.093	0.11	0.074	0.09	0.16
0	Body	LTE Band71	133372	688	1RB-Low	Front	10mm	/	/	24.70	25.50	0.191	0.23	0.149	0.18	0.15
0	Body	LTE Band71	133372	688	1RB-Low	Rear	10mm	FIG A.42	/	24.70	25.50	0.363	0.44	0.281	0.34	-0.07
0	Body	LTE Band71	133372	688	1RB-Low	Left	10mm	/	/	24.70	25.50	0.212	0.25	0.151	0.18	0.05
0	Body	LTE Band71	133372	688	1RB-Low	Right	10mm	/	/	24.70	25.50	0.352	0.42	0.252	0.30	0.09
0	Body	LTE Band71	133372	688	1RB-Low	Bottom	10mm	/	/	24.70	25.50	0.109	0.13	0.065	0.08	-0.05
0	Body	LTE Band71	133322	683	50RB-Low	Front	10mm	/	/	23.77	24.50	0.144	0.17	0.112	0.13	-0.05
0	Body	LTE Band71	133322	683	50RB-Low	Rear	10mm	/	/	23.77	24.50	0.237	0.28	0.180	0.21	-0.13
0	Body	LTE Band71	133322	683	50RB-Low	Left	10mm	/	/	23.77	24.50	0.120	0.14	0.087	0.10	0.19
0	Body	LTE Band71	133322	683	50RB-Low	Right	10mm	/	/	23.77	24.50	0.232	0.27	0.166	0.20	0.06
0	Body	LTE Band71	133322	683	50RB-Low	Bottom	10mm	/	/	23.77	24.50	0.106	0.13	0.059	0.07	0.18

ANT	RF Exposure Condition s	Frequency Band	Channel Number	Frequency (MHz)	Mode	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-Middle	Cheek Left	0mm	FIG A.43	/	24.72	25.50	0.271	0.32	0.176	0.21	-0.12
1	Head	LTE Band2	18900	1880	1RB-Middle	Tilt Left	0mm	/	/	24.72	25.50	0.095	0.11	0.060	0.07	-0.08
1	Head	LTE Band2	18900	1880	1RB-Middle	Cheek Right	0mm	/	/	24.72	25.50	0.173	0.21	0.119	0.14	0.03
1	Head	LTE Band2	18900	1880	1RB-Middle	Tilt Right	0mm	/	/	24.72	25.50	0.118	0.14	0.073	0.09	0.15
1	Head	LTE Band2	19100	1900	50RB-Middle	Cheek Left	0mm	/	/	23.68	24.50	0.200	0.24	0.130	0.16	-0.07
1	Head	LTE Band2	19100	1900	50RB-Middle	Tilt Left	0mm	/	/	23.68	24.50	0.070	0.08	0.045	0.05	-0.05
1	Head	LTE Band2	19100	1900	50RB-Middle	Cheek Right	0mm	/	/	23.68	24.50	0.137	0.17	0.094	0.11	-0.16
1	Head	LTE Band2	19100	1900	50RB-Middle	Tilt Right	0mm	/	/	23.68	24.50	0.090	0.11	0.057	0.07	0.12
1	Body	LTE Band2	18900	1880	1RB-Middle	Front	10mm	/	Note1	23.86	25.00	0.373	0.48	0.230	0.30	0.16
1	Body	LTE Band2	19100	1900	1RB-Middle	Rear	10mm	/	Note1	23.85	25.00	0.719	0.94	0.421	0.55	-0.06
1	Body	LTE Band2	18900	1880	1RB-Middle	Rear	10mm	FIG A.44	Note1	23.86	25.00	0.732	0.95	0.434	0.56	0.01
1	Body	LTE Band2	18700	1860	1RB-Middle	Rear	10mm	/	Note1	23.76	25.00	0.706	0.94	0.417	0.55	0.13
1	Body	LTE Band2	18900	1880	1RB-Middle	Left	10mm	/	Note1	23.86	25.00	0.285	0.37	0.161	0.21	-0.13
1	Body	LTE Band2	18900	1880	1RB-Middle	Bottom	10mm	/	Note1	23.86	25.00	0.495	0.64	0.278	0.36	-0.03
1	Body	LTE Band2	18900	1880	50RB-Middle	Front	10mm	/	Note1	23.34	24.50	0.377	0.49	0.232	0.30	-0.11
1	Body	LTE Band2	18900	1880	50RB-Middle	Rear	10mm	/	Note1	23.34	24.50	0.551	0.72	0.332	0.43	-0.11
1	Body	LTE Band2	18900	1880	50RB-Middle	Left	10mm	/	Note1	23.34	24.50	0.278	0.36	0.157	0.21	0.03
1	Body	LTE Band2	18900	1880	50RB-Middle	Bottom	10mm	/	Note1	23.34	24.50	0.467	0.61	0.265	0.35	-0.06
1	Body	LTE Band2	18700	1860	100RB	Rear	10mm	/	Note1	23.27	24.50	0.544	0.72	0.328	0.44	-0.09
1	Body	LTE Band2	18900	1880	1RB-Middle	Front	10mm	/	Note2	20.24	22.00	0.266	0.40	0.172	0.26	0.16
1	Body	LTE Band2	18900	1880	1RB-Middle	Rear	10mm	/	Note2	20.24	22.00	0.386	0.58	0.245	0.37	0.13
1	Body	LTE Band2	18900	1880	1RB-Middle	Left	10mm	/	Note2	20.24	22.00	0.203	0.30	0.120	0.18	-0.13
1	Body	LTE Band2	18900	1880	1RB-Middle	Bottom	10mm	/	Note2	20.24	22.00	0.353	0.53	0.208	0.31	-0.03
1	Body	LTE Band2	18900	1880	50RB-Middle	Front	10mm	/	Note2	20.29	22.00	0.269	0.40	0.173	0.26	-0.11
1	Body	LTE Band2	18900	1880	50RB-Middle	Rear	10mm	/	Note2	20.29	22.00	0.393	0.58	0.248	0.37	-0.11
1	Body	LTE Band2	18900	1880	50RB-Middle	Left	10mm	/	Note2	20.29	22.00	0.198	0.29	0.117	0.17	0.03
1	Body	LTE Band2	18900	1880	50RB-Middle	Bottom	10mm	/	Note2	20.29	22.00	0.333	0.49	0.198	0.29	-0.06
1	Body	LTE Band2	18900	1880	1RB-Middle	Front	15mm	/	/	24.72	25.50	0.310	0.37	0.200	0.24	0.19
1	Body	LTE Band2	18900	1880	1RB-Middle	Rear	19mm	/	/	24.72	25.50	0.298	0.36	0.193	0.23	-0.11
1	Body	LTE Band2	18900	1880	1RB-Middle	Left	14mm	/	/	24.72	25.50	0.254	0.30	0.152	0.18	-0.13
1	Body	LTE Band2	18900	1880	1RB-Middle	Bottom	15mm	/	/	24.72	25.50	0.396	0.47	0.237	0.28	0.05
1	Body	LTE Band2	19100	1900	50RB-Middle	Front	15mm	/	/	23.68	24.50	0.248	0.30	0.157	0.19	-0.15
1	Body	LTE Band2	19100	1900	50RB-Middle	Rear	19mm	/	/	23.68	24.50	0.234	0.28	0.152	0.18	-0.08
1	Body	LTE Band2	19100	1900	50RB-Middle	Left	14mm	/	/	23.68	24.50	0.209	0.25	0.126	0.15	0.03
1	Body	LTE Band2	19100	1900	50RB-Middle	Bottom	15mm	/	/	23.68	24.50	0.303	0.37	0.181	0.22	0.11
1	Head	LTE Band4	20175	1732.5	1RB-Middle	Cheek Left	0mm	FIG A.45	/	24.60	25.50	0.280	0.34	0.185	0.23	-0.15
1	Head	LTE Band4	20175	1732.5	1RB-Middle	Tilt Left	0mm	/	/	24.60	25.50	0.171	0.21	0.114	0.14	-0.10
1	Head	LTE Band4	20175	1732.5	1RB-Middle	Cheek Right	0mm	/	/	24.60	25.50	0.163	0.20	0.113	0.14	-0.04
1	Head	LTE Band4	20175	1732.5	1RB-Middle	Tilt Right	0mm	/	/	24.60	25.50	0.147	0.18	0.098	0.12	0.04
1	Head	LTE Band4	20175	1732.5	50RB-High	Cheek Left	0mm	/	/	23.67	24.50	0.240	0.29	0.160	0.19	-0.02
1	Head	LTE Band4	20175	1732.5	50RB-High	Tilt Left	0mm	/	/	23.67	24.50	0.133	0.16	0.088	0.11	0.11
1	Head	LTE Band4	20175	1732.5	50RB-High	Cheek Right	0mm	/	/	23.67	24.50	0.150	0.18	0.100	0.12	0.08
1	Head	LTE Band4	20175	1732.5	50RB-High	Tilt Right	0mm	/	/	23.67	24.50	0.115	0.14	0.076	0.09	0.13
1	Body	LTE Band4	20175	1732.5	1RB-Middle	Front	10mm	/	Note1	21.02	22.50	0.231	0.32	0.140	0.20	-0.04
1	Body	LTE Band4	20175	1732.5	1RB-Middle	Rear	10mm	FIG A.46	Note1	21.02	22.50	0.332	0.47	0.189	0.27	0.03
1	Body	LTE Band4	20175	1732.5	1RB-Middle	Left	10mm	/	Note1	21.02	22.50	0.211	0.30	0.125	0.18	0.18
1	Body	LTE Band4	20175	1732.5	1RB-Middle	Bottom	10mm	/	Note1	21.02	22.50	0.216	0.30	0.124	0.17	-0.13
1	Body	LTE Band4	20175	1732.5	50RB-High	Front	10mm	/	Note1	21.11	22.50	0.235	0.32	0.140	0.19	0.03
1	Body	LTE Band4	20175	1732.5	50RB-High	Rear	10mm	/	Note1	21.11	22.50	0.332	0.46	0.189	0.26	-0.13
1	Body	LTE Band4	20175	1732.5	50RB-High	Left	10mm	/	Note1	21.11	22.50	0.233	0.32	0.142	0.20	0.08
1	Body	LTE Band4	20175	1732.5	50RB-High	Bottom	10mm	/	Note1	21.11	22.50	0.215	0.30	0.122	0.17	-0.16
1	Body	LTE Band4	20175	1732.5	1RB-Middle	Front	10mm	/	Note2	18.03	19.50	0.138	0.19	0.084	0.12	-0.04
1	Body	LTE Band4	20175	1732.5	1RB-Middle	Rear	10mm	/	Note2	18.03	19.50	0.198	0.28	0.113	0.16	0.03
1	Body	LTE Band4	20175	1732.5	1RB-Middle	Left	10mm	/	Note2	18.03	19.50	0.126	0.18	0.075	0.11	0.18
1	Body	LTE Band4	20175	1732.5	1RB-Middle	Bottom	10mm	/	Note2	18.03	19.50	0.129	0.18	0.074	0.10	-0.13
1	Body	LTE Band4	20175	1732.5	50RB-Middle	Front	10mm	/	Note2	18.07	19.50	0.140	0.19	0.084	0.12	0.03
1	Body	LTE Band4	20175	1732.5	50RB-Middle	Rear	10mm	/	Note2	18.07	19.50	0.198	0.28	0.113	0.16	-0.13
1	Body	LTE Band4	20175	1732.5	50RB-Middle	Left	10mm	/	Note2	18.07	19.50	0.139	0.19	0.085	0.12	0.08
1	Body	LTE Band4	20175	1732.5	50RB-Middle	Bottom	10mm	/	Note2	18.07	19.50	0.128	0.18	0.073	0.10	-0.16
1	Body	LTE Band4	20175	1732.5	1RB-Middle	Front	15mm	/	/	24.60	25.50	0.317	0.39	0.197	0.24	0.18
1	Body	LTE Band4	20175	1732.5	1RB-Middle	Rear	19mm	/	/	24.60	25.50	0.305	0.38	0.184	0.23	-0.07
1	Body	LTE Band4	20175	1732.5	1RB-Middle	Left	14mm	/	/	24.60	25.50	0.269	0.33	0.168	0.21	0.02
1	Body	LTE Band4	20175	1732.5	1RB-Middle	Bottom	15mm	/	/	24.60	25.50	0.346	0.43	0.207	0.25	0.11
1	Body	LTE Band4	20175	1732.5	50RB-High	Front	15mm	/	/	23.67	24.50	0.279	0.34	0.183	0.22	0.08
1	Body	LTE Band4	20175	1732.5	50RB-High	Rear	19mm	/	/	23.67	24.50	0.245	0.30	0.148	0.18	-0.06
1	Body	LTE Band4	20175	1732.5	50RB-High	Left	14mm	/	/	23.67	24.50	0.208	0.25	0.130	0.16	0.14
1	Body	LTE Band4	20175	1732.5	50RB-High	Bottom	15mm	/	/	23.67	24.50	0.284	0.34	0.168	0.20	0.08
4	Head	LTE Band7	21350	2560	1RB-Middle	Cheek Left	0mm	/	Note2	14.31	15.50	0.101	0.13	0.045	0.06	0.03
4	Head	LTE Band7	21350	2560	1RB-Middle	Tilt Left	0mm	/	Note2	14.31	15.50	0.130	0.17	0.055	0.07	0.10
4	Head	LTE Band7	21350	2560	1RB-Middle	Cheek Right	0mm	/	Note2	14.31	15.50	0.268	0.35	0.119	0.16	-0.10
4	Head	LTE Band7	21350	2560	1RB-Middle	Tilt Right	0mm	/	Note2	14.31	15.50	0.334	0.44	0.133	0.17	0.10
4	Head	LTE Band7	21350	2560	50RB-Middle	Cheek Left	0mm	/	Note2	14.36	15.50	0.098	0.13	0.043	0.06	-0.14
4	Head	LTE Band7	21350	2560	50RB-Middle	Tilt Left	0mm	/	Note2	14.36	15.50	0.132	0.17	0.057	0.07	-0.07
4	Head	LTE Band7	21350	2560	50RB-Middle	Cheek Right	0mm	/	Note2	14.36	15.50	0.268	0.35	0.118	0.15	-0.04
4	Head	LTE Band7	21350	2560	50RB-Middle	Tilt Right	0mm	FIG A.47	Note2	14.36	15.50	0.339	0.44	0.136	0.18	0.01
4	Body	LTE Band7	21100	2535	1RB-Middle	Front	10mm	/	Note2	15.86	17.00	0.094	0.12	0.048	0.06	-0.18
4	Body	LTE Band7	21100	2535	1RB-Middle	Rear	10mm	/	Note2	15.86	17.00	0.302	0.39	0.137	0.18	0.06
4	Body	LTE Band7	21100	2535	1RB-Middle	Left	10mm	/	Note2	15.86	17.00	0.119	0.15	0.063	0.08	0.12
4	Body	LTE Band7	21100	2535	1RB-Middle	Top	10mm	/	Note2	15.86	17.00	0.252	0.33	0.111	0.14	-0.11
4	Body	LTE Band7	21100	2535	50RB-Middle	Front	10mm	/	Note2	15.88	17.00	0.089	0.12	0.046	0.06	-0.13
4	Body	LTE Band7	21100	2535	50RB-Middle	Rear	10mm	/	Note2	15.88	17.00	0.272	0.35	0.129	0.17	0.05
4	Body	LTE Band7	21100	2535	50RB-Middle	Left	10mm	/	Note2	15.88	17.00	0.111	0.14	0.059	0.08	0.02
4	Body	LTE Band7	21100	2535	50RB-Middle											

Ant	RF Exposure Condition	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	IBT 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 Band25	26590	1905	IRB-Middle	Cheek Left	0mm	/	/	24.71	25.50	0.269	0.32	0.174	0.21	-0.18
1	Head	LTE Band25	26590	1905	IRB-Middle	Tilt Left	0mm	/	/	24.71	25.50	0.213	0.26	0.125	0.15	0.16
1	Head	LTE Band25	26590	1905	IRB-Middle	Cheek Right	0mm	FIG A.49	/	24.71	25.50	0.335	0.40	0.202	0.24	0.07
1	Head	LTE Band25	26590	1905	IRB-Middle	Tilt Right	0mm	/	/	24.71	25.50	0.143	0.17	0.087	0.10	0.15
1	Head	LTE Band25	26590	1905	IRB-Middle	Cheek Left	0mm	/	/	23.65	24.50	0.198	0.24	0.123	0.15	0.16
1	Head	LTE Band25	26590	1905	50RB-Middle	Tilt Left	0mm	/	/	23.65	24.50	0.154	0.19	0.090	0.11	0.09
1	Head	LTE Band25	26590	1905	50RB-Middle	Cheek Right	0mm	/	/	23.65	24.50	0.228	0.28	0.138	0.17	0.17
1	Head	LTE Band25	26590	1905	50RB-Middle	Tilt Right	0mm	/	/	23.65	24.50	0.098	0.12	0.056	0.07	0.06
1	Body	LTE Band25	26590	1905	IRB-Middle	Front	10mm	/	Note1	23.87	25.00	0.428	0.56	0.298	0.39	-0.03
1	Body	LTE Band25	26590	1905	IRB-Middle	Rear	10mm	FIG A.50	Note1	23.87	25.00	0.727	0.94	0.451	0.59	-0.09
1	Body	LTE Band25	26365	1882.5	IRB-Middle	Rear	10mm	/	Note1	23.82	25.00	0.701	0.92	0.431	0.57	0.02
1	Body	LTE Band25	26140	1860	IRB-Middle	Rear	10mm	/	Note1	23.79	25.00	0.692	0.91	0.418	0.55	0.09
1	Body	LTE Band25	26590	1905	IRB-Middle	Left	10mm	/	Note1	23.87	25.00	0.287	0.37	0.178	0.23	0.19
1	Body	LTE Band25	26590	1905	IRB-Middle	Bottom	10mm	/	Note1	23.87	25.00	0.572	0.74	0.358	0.46	-0.17
1	Body	LTE Band25	26590	1905	50RB-Middle	Front	10mm	/	Note1	23.28	24.50	0.419	0.55	0.287	0.38	0.07
1	Body	LTE Band25	26590	1905	50RB-Middle	Rear	10mm	/	Note1	23.28	24.50	0.593	0.79	0.396	0.52	-0.14
1	Body	LTE Band25	26590	1905	50RB-Middle	Left	10mm	/	Note1	23.28	24.50	0.260	0.34	0.166	0.22	0.10
1	Body	LTE Band25	26590	1905	50RB-Middle	Bottom	10mm	/	Note1	23.28	24.50	0.533	0.71	0.335	0.44	-0.16
1	Body	LTE Band25	26140	1860	100RB	Rear	10mm	/	Note1	23.30	24.50	0.671	0.88	0.396	0.52	0.15
1	Body	LTE Band25	26590	1905	IRB-Middle	Front	10mm	/	Note2	20.85	22.50	0.188	0.27	0.131	0.19	-0.03
1	Body	LTE Band25	26590	1905	IRB-Middle	Rear	10mm	/	Note2	20.85	22.50	0.319	0.47	0.198	0.29	-0.09
1	Body	LTE Band25	26590	1905	IRB-Middle	Left	10mm	/	Note2	20.85	22.50	0.126	0.18	0.078	0.11	0.19
1	Body	LTE Band25	26590	1905	IRB-Middle	Bottom	10mm	/	Note2	20.85	22.50	0.251	0.37	0.157	0.23	-0.17
1	Body	LTE Band25	26590	1905	50RB-Middle	Front	10mm	/	Note2	20.78	22.50	0.184	0.27	0.126	0.19	0.07
1	Body	LTE Band25	26590	1905	50RB-Middle	Rear	10mm	/	Note2	20.78	22.50	0.260	0.39	0.174	0.26	-0.14
1	Body	LTE Band25	26590	1905	50RB-Middle	Left	10mm	/	Note2	20.78	22.50	0.114	0.17	0.073	0.11	0.10
1	Body	LTE Band25	26590	1905	50RB-Middle	Bottom	10mm	/	Note2	20.78	22.50	0.234	0.35	0.147	0.22	-0.16
1	Body	LTE Band25	26590	1905	IRB-Middle	Front	15mm	/	/	24.83	25.50	0.423	0.49	0.263	0.31	-0.03
1	Body	LTE Band25	26590	1905	IRB-Middle	Rear	19mm	/	/	24.83	25.50	0.347	0.40	0.218	0.25	0.05
1	Body	LTE Band25	26590	1905	IRB-Middle	Left	14mm	/	/	24.83	25.50	0.297	0.35	0.173	0.20	-0.13
1	Body	LTE Band25	26590	1905	IRB-Middle	Bottom	15mm	/	/	24.83	25.50	0.529	0.62	0.312	0.36	0.08
1	Body	LTE Band25	26590	1905	50RB-Middle	Front	15mm	/	/	23.65	24.50	0.332	0.40	0.206	0.25	-0.06
1	Body	LTE Band25	26590	1905	50RB-Middle	Rear	19mm	/	/	23.65	24.50	0.307	0.37	0.192	0.23	-0.01
1	Body	LTE Band25	26590	1905	50RB-Middle	Left	14mm	/	/	23.65	24.50	0.164	0.20	0.096	0.12	0.18
1	Body	LTE Band25	26590	1905	50RB-Middle	Bottom	15mm	/	/	23.65	24.50	0.366	0.45	0.218	0.27	-0.16
0	Head	LTE Band30	27710	2310	IRB-Middle	Cheek Left	0mm	/	/	25.23	25.50	0.018	0.02	0.009	0.01	0.08
0	Head	LTE Band30	27710	2310	IRB-Middle	Tilt Left	0mm	/	/	25.23	25.50	<0.01	<0.01	<0.01	<0.01	-0.09
0	Head	LTE Band30	27710	2310	IRB-Middle	Cheek Right	0mm	FIG A.51	/	25.23	25.50	0.024	0.03	0.012	0.01	0.12
0	Head	LTE Band30	27710	2310	IRB-Middle	Tilt Right	0mm	/	/	25.23	25.50	<0.01	<0.01	<0.01	<0.01	-0.01
0	Head	LTE Band30	27710	2310	25RB-Low	Cheek Left	0mm	/	/	24.12	24.50	<0.01	<0.01	<0.01	<0.01	-0.01
0	Head	LTE Band30	27710	2310	25RB-Low	Tilt Left	0mm	/	/	24.12	24.50	<0.01	<0.01	<0.01	<0.01	-0.01
0	Head	LTE Band30	27710	2310	25RB-Low	Cheek Right	0mm	/	/	24.12	24.50	<0.01	<0.01	<0.01	<0.01	-0.01
0	Head	LTE Band30	27710	2310	25RB-Low	Tilt Right	0mm	/	/	24.12	24.50	<0.01	<0.01	<0.01	<0.01	-0.01
0	Body	LTE Band30	27710	2310	IRB-Low	Front	10mm	/	Note1	21.86	23.00	0.259	0.34	0.128	0.17	-0.08
0	Body	LTE Band30	27710	2310	IRB-Low	Rear	10mm	/	Note1	21.86	23.00	0.626	0.81	0.303	0.39	0.06
0	Body	LTE Band30	27710	2310	IRB-Low	Bottom	10mm	/	Note1	21.86	23.00	0.569	0.74	0.268	0.35	-0.07
0	Body	LTE Band30	27710	2310	25RB-High	Front	10mm	/	Note1	21.82	23.00	0.254	0.33	0.128	0.17	-0.01
0	Body	LTE Band30	27710	2310	25RB-High	Rear	10mm	FIG A.52	Note1	21.82	23.00	0.642	0.84	0.319	0.42	0.18
0	Body	LTE Band30	27710	2310	25RB-High	Bottom	10mm	/	Note1	21.82	23.00	0.564	0.74	0.273	0.36	-0.10
0	Body	LTE Band30	27710	2310	100RB	Rear	10mm	/	Note1	21.85	23.00	0.614	0.80	0.289	0.38	0.02
0	Body	LTE Band30	27710	2310	IRB-High	Front	10mm	/	Note2	18.82	20.00	0.159	0.21	0.073	0.10	-0.08
0	Body	LTE Band30	27710	2310	IRB-High	Rear	10mm	/	Note2	18.82	20.00	0.384	0.50	0.173	0.23	0.06
0	Body	LTE Band30	27710	2310	IRB-High	Bottom	10mm	/	Note2	18.82	20.00	0.349	0.46	0.153	0.20	-0.07
0	Body	LTE Band30	27710	2310	25RB-High	Front	10mm	/	Note2	18.67	20.00	0.156	0.21	0.073	0.10	-0.01
0	Body	LTE Band30	27710	2310	25RB-High	Rear	10mm	/	Note2	18.67	20.00	0.394	0.54	0.182	0.25	0.18
0	Body	LTE Band30	27710	2310	25RB-High	Bottom	10mm	/	Note2	18.67	20.00	0.346	0.47	0.156	0.21	-0.10
0	Body	LTE Band30	27710	2310	IRB-Middle	Front	15mm	/	/	25.23	25.50	0.271	0.29	0.147	0.16	0.15
0	Body	LTE Band30	27710	2310	IRB-Middle	Rear	19mm	/	/	25.23	25.50	0.429	0.46	0.235	0.25	0.02
0	Body	LTE Band30	27710	2310	IRB-Middle	Left	10mm	/	/	25.23	25.50	0.037	0.04	0.013	0.01	0.07
0	Body	LTE Band30	27710	2310	IRB-Middle	Right	10mm	/	/	25.23	25.50	0.161	0.17	0.089	0.09	-0.11
0	Body	LTE Band30	27710	2310	IRB-Middle	Bottom	15mm	/	/	25.23	25.50	0.582	0.62	0.308	0.33	-0.08
0	Body	LTE Band30	27710	2310	25RB-Low	Front	15mm	/	/	24.12	24.50	0.214	0.23	0.117	0.13	0.04
0	Body	LTE Band30	27710	2310	25RB-Low	Rear	19mm	/	/	24.12	24.50	0.031	0.03	0.010	0.01	-0.04
0	Body	LTE Band30	27710	2310	25RB-Low	Left	10mm	/	/	24.12	24.50	0.031	0.03	0.011	0.01	0.01
0	Body	LTE Band30	27710	2310	25RB-Low	Right	10mm	/	/	24.12	24.50	0.127	0.14	0.074	0.08	-0.19
0	Body	LTE Band30	27710	2310	25RB-Low	Bottom	15mm	/	/	24.12	24.50	0.483	0.53	0.253	0.28	-0.13
1	Head	LTE Band66	132572	1770	IRB-Middle	Cheek Left	0mm	/	/	24.63	25.50	0.281	0.34	0.180	0.22	0.08
1	Head	LTE Band66	132572	1770	IRB-Middle	Tilt Left	0mm	/	/	24.63	25.50	0.262	0.32	0.158	0.19	0.03
1	Head	LTE Band66	132572	1770	IRB-Middle	Cheek Right	0mm	FIG A.53	/	24.63	25.50	0.285	0.35	0.182	0.22	0.05
1	Head	LTE Band66	132572	1770	IRB-Middle	Tilt Right	0mm	/	/	24.63	25.50	0.149	0.18	0.094	0.11	0.10
1	Head	LTE Band66	132072	1720	50RB-Low	Cheek Left	0mm	/	/	23.74	24.50	0.208	0.25	0.133	0.16	0.00
1	Head	LTE Band66	132072	1720	50RB-Low	Tilt Left	0mm	/	/	23.74	24.50	0.191	0.23	0.115	0.14	-0.02
1	Head	LTE Band66	132072	1720	50RB-Low	Cheek Right	0mm	/	/	23.74	24.50	0.217	0.26	0.137	0.16	0.05
1	Head	LTE Band66	132072	1720	50RB-Low	Tilt Right	0mm	/	/	23.74	24.50	0.115	0.14	0.074	0.09	0.19
1	Body	LTE Band66	132572	1770	IRB-Middle	Front	10mm	/	Note1	23.84	24.50	0.516	0.60	0.322	0.37	0.10
1	Body	LTE Band66	132572	1770	IRB-Middle	Rear	10mm	FIG A.54	Note1	23.84	24.50	0.857	1.00	0.501	0.58	0.01
1	Body	LTE Band66	132322	1745	IRB-Middle	Rear	10mm	/	Note1	23.70	24.50	0.817	0.98	0.466	0.56	0.12
1	Body	LTE Band66	132072	1720	IRB-Middle	Rear	10mm	/	Note1	23.72	24.50	0.822	0.98	0.469		

14.2 SAR results for 5G NR

Ant	RF Exposure Condition	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	Duty Cycle	ELF 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
4	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note1		16.35	17.50	0.507	0.66	0.249	0.32	0.00
4	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1		16.35	17.50	0.560	0.73	0.263	0.34	0.05
4	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note1		16.35	17.50	0.703	0.92	0.322	0.42	-0.08
4	Head	N2	381500	1907.5	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.55	Note1		16.28	17.50	0.758	1.00	0.332	0.44	-0.02
4	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1		16.35	17.50	0.731	0.95	0.323	0.42	-0.07
4	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1		16.25	17.50	0.672	0.90	0.300	0.40	-0.18
4	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note2		13.38	14.80	0.173	0.24	0.097	0.13	0.09
4	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2		13.38	14.80	0.189	0.26	0.101	0.14	0.09
4	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note2		13.38	14.80	0.349	0.48	0.156	0.22	0.18
4	Head	N2	381500	1907.5	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2		13.31	14.80	0.382	0.54	0.167	0.24	0.12
4	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2		13.38	14.80	0.367	0.51	0.162	0.22	-0.13
4	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2		13.29	14.80	0.341	0.48	0.152	0.22	-0.06
4	Head	N2	376000	1880	CP-OFDM 16QAM	Tilt Right	0mm	/	Note1		16.34	17.50	0.718	0.94	0.328	0.43	0.03
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	10mm	/	Note1		20.51	21.30	0.488	0.59	0.271	0.33	0.12
4	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Rear	10mm	FIG A.56	Note1		20.44	21.30	0.721	0.88	0.370	0.45	-0.15
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	10mm	/	Note1		20.51	21.30	0.676	0.81	0.361	0.43	0.05
4	Body	N2	376000	1852.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note1		20.40	21.30	0.624	0.77	0.329	0.40	-0.07
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Left	10mm	/	Note1		20.51	21.30	0.150	0.18	0.090	0.11	0.14
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Top	10mm	/	Note1		20.51	21.30	0.561	0.67	0.276	0.33	0.02
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	10mm	/	Note2		18.43	19.70	0.248	0.33	0.136	0.18	0.12
4	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		18.33	19.70	0.441	0.60	0.228	0.31	-0.11
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		18.43	19.70	0.416	0.56	0.216	0.29	-0.10
4	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		18.31	19.70	0.383	0.53	0.203	0.28	-0.12
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Left	10mm	/	Note2		18.43	19.70	0.084	0.11	0.049	0.07	-0.19
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Top	10mm	/	Note2		18.43	19.70	0.352	0.47	0.186	0.25	0.10
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	17mm	/	/		24.72	25.50	0.546	0.65	0.303	0.36	0.15
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	23mm	/	/		24.72	25.50	0.530	0.63	0.306	0.37	-0.02
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Left	17mm	/	/		24.72	25.50	0.169	0.20	0.106	0.13	0.16
4	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Top	22mm	/	/		24.66	25.50	0.633	0.77	0.355	0.43	0.19
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Top	22mm	/	/		24.72	25.50	0.623	0.75	0.351	0.42	-0.07
4	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Top	22mm	/	/		24.62	25.50	0.600	0.73	0.320	0.39	0.02
4	Body	N2	376000	1880	CP-OFDM 16QAM	Rear	10mm	/	Note1		20.50	21.30	0.668	0.80	0.356	0.43	0.14
1	Head	N2	381500	1907.5	DFT-s-OFDM QPSK	Cheek Left	0mm	/	/		24.89	25.50	0.199	0.23	0.128	0.15	0.04
1	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.57	/		24.94	25.50	0.251	0.29	0.162	0.18	-0.18
1	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Cheek Left	0mm	/	/		24.92	25.50	0.225	0.26	0.145	0.17	0.02
1	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Left	0mm	/	/		24.94	25.50	0.116	0.13	0.073	0.08	-0.13
1	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Right	0mm	/	/		24.94	25.50	0.143	0.16	0.095	0.11	0.14
1	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Right	0mm	/	/		24.94	25.50	0.074	0.08	0.048	0.05	-0.03
1	Head	N2	376000	1880	CP-OFDM QPSK	Cheek Left	0mm	/	/		23.36	24.00	0.207	0.24	0.131	0.15	0.02
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	10mm	/	Note1		23.42	24.50	0.394	0.51	0.252	0.32	0.10
1	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note1		23.29	24.50	0.613	0.81	0.363	0.48	-0.16
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	10mm	/	Note1		23.42	24.50	0.559	0.72	0.347	0.44	0.06
1	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Rear	10mm	FIG A.58	Note1		23.31	24.50	0.617	0.81	0.379	0.50	0.07
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Left	10mm	/	Note1		23.42	24.50	0.259	0.33	0.171	0.22	0.06
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Bottom	10mm	/	Note1		23.42	24.50	0.396	0.51	0.249	0.32	0.00
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	10mm	/	Note2		22.44	23.90	0.271	0.38	0.172	0.24	0.14
1	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		22.32	23.90	0.421	0.61	0.248	0.36	-0.07
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		22.44	23.90	0.384	0.54	0.237	0.33	-0.09
1	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		22.33	23.90	0.424	0.61	0.259	0.37	-0.06
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Left	10mm	/	Note2		22.44	23.90	0.178	0.25	0.117	0.16	0.15
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Bottom	10mm	/	Note2		22.44	23.90	0.272	0.38	0.170	0.24	0.03
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	15mm	/	/		24.94	25.50	0.415	0.47	0.256	0.29	0.04
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	19mm	/	/		24.94	25.50	0.379	0.43	0.232	0.26	0.02
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Left	14mm	/	/		24.94	25.50	0.308	0.35	0.195	0.22	0.19
1	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Bottom	15mm	/	/		24.89	25.50	0.513	0.59	0.304	0.35	0.13
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Bottom	15mm	/	/		24.94	25.50	0.448	0.51	0.272	0.31	0.14
1	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Bottom	15mm	/	/		24.92	25.50	0.414	0.47	0.253	0.29	-0.14
1	Body	N2	376000	1880	CP-OFDM QPSK	Rear	10mm	/	Note1		22.94	24.00	0.517	0.66	0.311	0.40	0.17
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Left	0mm	/	/		24.73	25.50	0.275	0.33	0.223	0.27	0.03
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Left	0mm	/	/		24.73	25.50	0.179	0.21	0.152	0.18	0.09
0	Head	N5	169300	846.5	DFT-s-OFDM QPSK	Cheek Right	0mm	/	/		24.72	25.50	0.266	0.32	0.225	0.27	0.07
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Right	0mm	FIG A.59	/		24.73	25.50	0.286	0.34	0.225	0.27	0.11
0	Head	N5	165300	826.5	DFT-s-OFDM QPSK	Cheek Right	0mm	/	/		24.65	25.50	0.277	0.34	0.233	0.28	-0.03
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Right	0mm	/	/		24.73	25.50	0.206	0.25	0.171	0.20	0.04
0	Head	N5	167300	836.5	CP-OFDM QPSK	Cheek Right	0mm	/	/		23.38	24.00	0.241	0.28	0.202	0.23	0.09
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	10mm	/	/		24.73	25.50	0.235	0.28	0.146	0.17	0.03
0	Body	N5	169300	846.5	DFT-s-OFDM QPSK	Rear	10mm	FIG A.60	/		24.72	25.50	0.564	0.67	0.345	0.41	-0.03
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	10mm	/	/		24.73	25.50	0.496	0.59	0.293	0.35	-0.12
0	Body	N5	165300	826.5	DFT-s-OFDM QPSK	Rear	10mm	/	/		24.65	25.50	0.485	0.59	0.300	0.36	-0.18
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Left	10mm	/	/		24.73	25.50	0.102	0.12	0.070	0.08	0.05
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Right	10mm	/	/		24.73	25.50	0.195	0.23	0.135	0.16	0.14
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Bottom	10mm	/	/		24.73	25.50	0.403	0.48	0.235	0.28	-0.12
0	Body	N5	169300	846.5	DFT-s-OFDM QPSK	Rear	23mm	/	/		24.72	25.50	0.211	0.25	0.160	0.19	-0.08
0	Body	N5	167300	836.5	CP-OFDM QPSK	Rear	10mm	/	/		23.38	24.00	0.436	0.50	0.247	0.28	0.12

ANT	RF Exposure Condition	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	Duty Cycle	EMF 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
4	Head	N25	382500	1912.5	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note1		16.52	17.30	0.437	0.52	0.208	0.25	0.09
4	Head	N25	382500	1912.5	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1		16.52	17.30	0.480	0.57	0.226	0.27	-0.19
4	Head	N25	382500	1912.5	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note1		16.52	17.30	0.699	0.84	0.317	0.38	0.13
4	Head	N25	382500	1912.5	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.61	Note1		16.52	17.30	0.823	0.98	0.359	0.43	-0.16
4	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1		16.43	17.30	0.694	0.85	0.303	0.37	0.17
4	Head	N25	370500	1852.5	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1		16.48	17.30	0.734	0.89	0.323	0.39	-0.11
4	Head	N25	382500	1912.5	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note2		13.83	15.30	0.163	0.23	0.080	0.11	0.18
4	Head	N25	382500	1912.5	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2		13.83	15.30	0.245	0.34	0.117	0.16	0.18
4	Head	N25	382500	1912.5	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note2		13.83	15.30	0.418	0.59	0.175	0.25	-0.10
4	Head	N25	382500	1912.5	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2		13.83	15.30	0.446	0.63	0.196	0.27	0.03
4	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2		13.75	15.30	0.429	0.61	0.190	0.27	0.13
4	Head	N25	370500	1852.5	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2		13.80	15.30	0.401	0.57	0.178	0.25	0.08
4	Head	N25	382500	1912.5	CP-OFDM 16QAM	Tilt Right	0mm	/	Note1		16.51	17.30	0.793	0.95	0.336	0.40	0.12
4	Body	N25	382500	1912.5	DFT-s-OFDM QPSK	Front	10mm	/	Note1		18.87	20.50	0.307	0.45	0.167	0.24	-0.15
4	Body	N25	382500	1912.5	DFT-s-OFDM QPSK	Rear	10mm	FIG A.62	Note1		18.87	20.50	0.567	0.83	0.292	0.42	-0.17
4	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note1		18.77	20.50	0.531	0.79	0.274	0.41	-0.03
4	Body	N25	370500	1852.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note1		18.82	20.50	0.486	0.72	0.256	0.38	0.10
4	Body	N25	382500	1912.5	DFT-s-OFDM QPSK	Left	10mm	/	Note1		18.87	20.50	0.113	0.16	0.067	0.10	-0.10
4	Body	N25	382500	1912.5	DFT-s-OFDM QPSK	Top	10mm	/	Note1		18.87	20.50	0.499	0.73	0.251	0.37	-0.18
4	Body	N25	382500	1912.5	DFT-s-OFDM QPSK	Front	10mm	/	Note2		16.86	18.00	0.174	0.23	0.094	0.12	0.08
4	Body	N25	382500	1912.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		16.86	18.00	0.322	0.42	0.164	0.21	-0.11
4	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		16.77	18.00	0.302	0.40	0.154	0.20	-0.12
4	Body	N25	370500	1852.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		16.82	18.00	0.276	0.36	0.144	0.19	-0.01
4	Body	N25	382500	1912.5	DFT-s-OFDM QPSK	Left	10mm	/	Note2		16.86	18.00	0.064	0.08	0.038	0.05	0.08
4	Body	N25	382500	1912.5	DFT-s-OFDM QPSK	Top	10mm	/	Note2		16.86	18.00	0.283	0.37	0.141	0.18	-0.15
4	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Front	17mm	/	/		24.63	25.50	0.487	0.60	0.269	0.33	0.15
4	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Rear	23mm	/	/		24.63	25.50	0.524	0.64	0.288	0.35	0.06
4	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Left	17mm	/	/		24.63	25.50	0.150	0.18	0.093	0.11	-0.05
4	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Top	22mm	/	/		24.63	25.50	0.641	0.78	0.355	0.43	0.12
4	Body	N25	382500	1912.5	CP-OFDM 16QAM	Rear	10mm	/	Note1		18.86	20.50	0.551	0.80	0.286	0.42	0.03
1	Head	N25	382500	1912.5	DFT-s-OFDM QPSK	Cheek Left	0mm	/	/		24.82	25.50	0.167	0.20	0.112	0.13	0.11
1	Head	N25	376500	1882.5	DFT-s-OFDM QPSK	Cheek Left	0mm	/	/		24.81	25.50	0.202	0.24	0.135	0.16	0.07
1	Head	N25	370500	1852.5	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.63	/		24.84	25.50	0.211	0.25	0.141	0.16	-0.15
1	Head	N25	370500	1852.5	DFT-s-OFDM QPSK	Tilt Left	0mm	/	/		24.84	25.50	0.053	0.06	0.035	0.04	-0.05
1	Head	N25	370500	1852.5	DFT-s-OFDM QPSK	Cheek Right	0mm	/	/		24.84	25.50	0.117	0.14	0.080	0.09	-0.17
1	Head	N25	370500	1852.5	DFT-s-OFDM QPSK	Tilt Right	0mm	/	/		24.84	25.50	0.066	0.08	0.043	0.05	0.18
1	Head	N25	370500	1852.5	CP-OFDM QPSK	Cheek Left	0mm	/	/		23.33	24.00	0.174	0.20	0.118	0.14	0.02
1	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Front	10mm	/	Note1		23.40	24.50	0.250	0.32	0.160	0.21	0.03
1	Body	N25	382500	1912.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note1		23.37	24.50	0.510	0.66	0.298	0.39	0.04
1	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note1		23.40	24.50	0.533	0.69	0.320	0.41	-0.15
1	Body	N25	370500	1852.5	DFT-s-OFDM QPSK	Rear	10mm	FIG A.64	Note1		23.35	24.50	0.570	0.74	0.350	0.46	0.06
1	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Left	10mm	/	Note1		23.40	24.50	0.167	0.22	0.104	0.13	0.02
1	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Bottom	10mm	/	Note1		23.40	24.50	0.316	0.41	0.195	0.25	-0.16
1	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Front	10mm	/	Note2		22.40	23.50	0.208	0.27	0.137	0.18	0.19
1	Body	N25	382500	1912.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		22.37	23.50	0.424	0.55	0.255	0.33	-0.07
1	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		22.40	23.50	0.443	0.57	0.273	0.35	-0.06
1	Body	N25	370500	1852.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		22.35	23.50	0.474	0.62	0.299	0.39	0.12
1	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Left	10mm	/	Note2		22.40	23.50	0.139	0.18	0.089	0.11	0.04
1	Body	N25	376500	1882.5	DFT-s-OFDM QPSK	Bottom	10mm	/	Note2		22.40	23.50	0.263	0.34	0.167	0.22	0.01
1	Body	N25	370500	1852.5	DFT-s-OFDM QPSK	Front	15mm	/	/		24.84	25.50	0.209	0.24	0.128	0.15	-0.17
1	Body	N25	370500	1852.5	DFT-s-OFDM QPSK	Rear	19mm	/	/		24.84	25.50	0.215	0.25	0.131	0.15	-0.18
1	Body	N25	370500	1852.5	DFT-s-OFDM QPSK	Left	14mm	/	/		24.84	25.50	0.154	0.18	0.098	0.11	0.19
1	Body	N25	370500	1852.5	DFT-s-OFDM QPSK	Bottom	15mm	/	/		24.84	25.50	0.340	0.40	0.205	0.24	0.13
1	Body	N25	376500	1882.5	CP-OFDM QPSK	Rear	10mm	/	Note1		22.84	24.50	0.473	0.69	0.269	0.39	0.03

ANT	RF Exposure Condition s	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	Duty Cycle	ELF 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
4	Head	N41	501204	2506.02	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note1	100.00%	16.24	17.70	0.172	0.24	0.071	0.10	-0.04
4	Head	N41	501204	2506.02	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	16.24	17.70	0.234	0.33	0.097	0.14	0.14
4	Head	N41	501204	2506.02	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note1	100.00%	16.24	17.70	0.419	0.59	0.186	0.26	0.01
4	Head	N41	535998	2679.99	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1	100.00%	16.11	17.70	0.579	0.83	0.221	0.32	-0.05
4	Head	N41	527298	2636.49	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1	100.00%	16.16	17.70	0.570	0.81	0.219	0.31	0.06
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1	100.00%	16.17	17.70	0.584	0.83	0.228	0.32	-0.12
4	Head	N41	509901	2549.505	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1	100.00%	16.20	17.70	0.608	0.86	0.236	0.33	-0.04
4	Head	N41	501204	2506.02	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.65	Note1	100.00%	16.24	17.70	0.632	0.89	0.247	0.35	0.13
4	Head	N41	501204	2506.02	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note2	100.00%	14.72	16.20	0.088	0.12	0.037	0.05	-0.04
4	Head	N41	501204	2506.02	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	14.72	16.20	0.119	0.17	0.050	0.07	0.10
4	Head	N41	501204	2506.02	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note2	100.00%	14.72	16.20	0.213	0.30	0.096	0.13	-0.01
4	Head	N41	535998	2679.99	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2	100.00%	14.60	16.20	0.295	0.43	0.115	0.17	0.01
4	Head	N41	527298	2636.49	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2	100.00%	14.65	16.20	0.290	0.41	0.113	0.16	-0.09
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2	100.00%	14.66	16.20	0.298	0.42	0.118	0.17	0.03
4	Head	N41	509901	2549.505	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2	100.00%	14.68	16.20	0.310	0.44	0.122	0.17	0.11
4	Head	N41	501204	2506.02	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2	100.00%	14.72	16.20	0.322	0.45	0.128	0.18	-0.02
4	Head	N41	501204	2506.02	CP-OFDM 16QAM	Tilt Right	0mm	/	Note1	100.00%	16.23	17.70	0.611	0.86	0.222	0.31	0.08
4	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Front	10mm	/	Note1	100.00%	18.18	19.70	0.133	0.19	0.066	0.09	0.12
4	Body	N41	535998	2679.99	DFT-s-OFDM QPSK	Rear	10mm	/	Note1	100.00%	18.03	19.70	0.377	0.55	0.180	0.26	0.18
4	Body	N41	527298	2636.49	DFT-s-OFDM QPSK	Rear	10mm	/	Note1	100.00%	18.09	19.70	0.390	0.57	0.186	0.27	0.00
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	/	Note1	100.00%	18.10	19.70	0.417	0.60	0.192	0.28	-0.16
4	Body	N41	509901	2549.505	DFT-s-OFDM QPSK	Rear	10mm	/	Note1	100.00%	18.14	19.70	0.447	0.64	0.205	0.29	0.08
4	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Rear	10mm	/	Note1	100.00%	18.18	19.70	0.485	0.69	0.219	0.31	-0.12
4	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Left	10mm	/	Note1	100.00%	18.18	19.70	0.177	0.25	0.090	0.13	-0.01
4	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Top	10mm	/	Note1	100.00%	18.18	19.70	0.387	0.55	0.163	0.23	0.17
4	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Front	10mm	/	Note2	100.00%	16.24	17.70	0.093	0.13	0.048	0.07	0.03
4	Body	N41	535998	2679.99	DFT-s-OFDM QPSK	Rear	10mm	/	Note2	100.00%	16.11	17.70	0.290	0.42	0.137	0.20	0.02
4	Body	N41	527298	2636.49	DFT-s-OFDM QPSK	Rear	10mm	/	Note2	100.00%	16.16	17.70	0.299	0.43	0.139	0.20	-0.09
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	/	Note2	100.00%	16.17	17.70	0.310	0.44	0.143	0.20	-0.17
4	Body	N41	509901	2549.505	DFT-s-OFDM QPSK	Rear	10mm	/	Note2	100.00%	16.20	17.70	0.336	0.47	0.152	0.21	0.07
4	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Rear	10mm	/	Note2	100.00%	16.24	17.70	0.363	0.51	0.163	0.23	-0.09
4	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Left	10mm	/	Note2	100.00%	16.24	17.70	0.123	0.17	0.064	0.09	0.06
4	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Top	10mm	/	Note2	100.00%	16.24	17.70	0.229	0.32	0.096	0.13	-0.04
4	Body	N41	523299	2616.495	DFT-s-OFDM QPSK	Front	17mm	/	/	100.00%	27.01	27.50	0.427	0.68	0.229	0.26	0.06
4	Body	N41	523299	2616.495	DFT-s-OFDM QPSK	Rear	23mm	/	/	100.00%	27.01	27.50	0.569	0.94	0.307	0.34	0.05
4	Body	N41	523299	2616.495	DFT-s-OFDM QPSK	Left	17mm	/	/	100.00%	27.01	27.50	0.533	0.60	0.297	0.33	0.12
4	Body	N41	528000	2640	DFT-s-OFDM QPSK	Top	22mm	/	/	100.00%	26.71	28.00	0.594	0.80	0.312	0.42	0.03
4	Body	N41	523299	2616.495	DFT-s-OFDM QPSK	Top	22mm	FIG A.66	/	100.00%	27.01	28.00	0.710	0.99	0.372	0.47	0.05
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Top	22mm	/	/	100.00%	26.89	28.00	0.668	0.86	0.351	0.45	0.12
4	Body	N41	513900	2569.5	DFT-s-OFDM QPSK	Top	22mm	/	/	100.00%	26.90	28.00	0.635	0.82	0.335	0.43	0.14
4	Body	N41	509202	2546.01	DFT-s-OFDM QPSK	Top	22mm	/	/	100.00%	26.88	28.00	0.663	0.86	0.351	0.45	-0.09
4	Body	N41	523299	2616.495	DFT-s-OFDM QPSK	Front	17mm	/	/	100.00%	24.28	25.00	0.199	0.23	0.101	0.12	0.19
4	Body	N41	523299	2616.495	DFT-s-OFDM QPSK	Rear	23mm	/	/	100.00%	24.28	25.00	0.265	0.31	0.135	0.16	0.19
4	Body	N41	523299	2616.495	DFT-s-OFDM QPSK	Left	17mm	/	/	100.00%	24.28	25.00	0.248	0.29	0.131	0.15	-0.01
4	Body	N41	528000	2640	DFT-s-OFDM QPSK	Top	22mm	/	/	100.00%	24.01	25.00	0.277	0.35	0.138	0.17	0.13
4	Body	N41	523299	2616.495	DFT-s-OFDM QPSK	Top	22mm	/	/	100.00%	24.28	25.00	0.331	0.39	0.164	0.19	0.15
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Top	22mm	/	/	100.00%	24.17	25.00	0.311	0.38	0.155	0.19	0.17
4	Body	N41	513900	2569.5	DFT-s-OFDM QPSK	Top	22mm	/	/	100.00%	24.18	25.00	0.296	0.36	0.148	0.18	-0.01
4	Body	N41	509202	2546.01	DFT-s-OFDM QPSK	Top	22mm	/	/	100.00%	24.16	25.00	0.309	0.37	0.155	0.19	0.14
5	Head	N48	637000	3555	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note1	100.00%	15.71	16.90	0.705	0.93	0.290	0.38	0.07
5	Head	N48	641666	3624.99	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note1	100.00%	15.67	16.90	0.691	0.92	0.275	0.37	-0.14
5	Head	N48	646332	3694.98	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note1	100.00%	15.66	16.90	0.673	0.90	0.265	0.35	-0.03
5	Head	N48	637000	3555	DFT-s-OFDM QPSK	Tilt Left	0mm	FIG A.67	Note1	100.00%	15.71	16.90	0.752	0.99	0.284	0.37	0.08
5	Head	N48	641666	3624.99	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	15.67	16.90	0.725	0.96	0.280	0.37	0.17
5	Head	N48	646332	3694.98	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	15.66	16.90	0.652	0.87	0.261	0.35	-0.18
5	Head	N48	637000	3555	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note1	100.00%	15.71	16.90	0.555	0.73	0.226	0.30	-0.02
5	Head	N48	637000	3555	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1	100.00%	15.71	16.90	0.591	0.78	0.229	0.30	-0.07
5	Head	N48	637000	3555	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note2	100.00%	14.36	15.50	0.523	0.68	0.193	0.25	0.10
5	Head	N48	637000	3555	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	14.36	15.50	0.531	0.69	0.193	0.25	0.16
5	Head	N48	641666	3624.99	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	14.18	15.50	0.502	0.68	0.190	0.26	0.13
5	Head	N48	646332	3694.98	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	14.08	15.50	0.454	0.63	0.174	0.24	-0.07
5	Head	N48	637000	3555	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note2	100.00%	14.36	15.50	0.392	0.51	0.154	0.20	-0.11
5	Head	N48	637000	3555	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2	100.00%	14.36	15.50	0.412	0.54	0.153	0.20	-0.18
5	Head	N48	637000	3555	CP-OFDM 16QAM	Tilt Left	0mm	/	Note1	100.00%	15.64	16.90	0.731	0.98	0.279	0.37	0.15
5	Body	N48	637000	3555	DFT-s-OFDM QPSK	Front	10mm	/	Note1	100.00%	18.51	20.00	0.389	0.55	0.169	0.24	0.03
5	Body	N48	637000	3555	DFT-s-OFDM QPSK	Rear	10mm	/	Note1	100.00%	18.51	20.00	0.507	0.71	0.216	0.30	0.16
5	Body	N48	637000	3555	DFT-s-OFDM QPSK	Top	10mm	FIG A.68	Note1	100.00%	18.51	20.00	0.576	0.81	0.238	0.34	0.14
5	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	Top	10mm	/	Note1	100.00%	18.29	20.00	0.542	0.80	0.226	0.34	0.09
5	Body	N48	646332	3694.98	DFT-s-OFDM QPSK	Top	10mm	/	Note1	100.00%	18.22	20.00	0.509	0.77	0.204	0.31	0.03
5	Body	N48	637000	3555	DFT-s-OFDM QPSK	Front	10mm	/	Note2	100.00%	16.90	18.50	0.257	0.37	0.114	0.16	0.14
5	Body	N48	637000	3555	DFT-s-OFDM QPSK	Rear	10mm	/	Note2	100.00%	16.90	18.50	0.335	0.48	0.145	0.21	-0.02
5	Body	N48	637000	3555	DFT-s-OFDM QPSK	Top	10mm	/	Note2	100.00%	16.90	18.50	0.381	0.55	0.160	0.23	0.17
5	Body	N48	641666	3624.99	DFT-s-OFDM QPSK	Top	10mm	/	Note2	100.00%	16.70	18.50	0.359	0.54	0.152	0.23	0.03
5	Body	N48	646332	3694.98	DFT-s-OFDM QPSK	Top	10mm	/	Note2	100.00%	16.64	18.50	0.337	0.52	0.137	0.21	0.16
5	Body	N48	63														

ANT	RF Exposure Condition	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	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
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note1		17.01	18.30	0.346	0.47	0.193	0.26	-0.08
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1		17.01	18.30	0.422	0.57	0.221	0.30	-0.19
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note1		17.01	18.30	0.592	0.80	0.294	0.40	0.15
4	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.69	Note1		17.00	18.30	0.704	0.95	0.328	0.44	-0.11
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1		17.01	18.30	0.653	0.88	0.307	0.41	0.05
4	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1		16.98	18.30	0.610	0.83	0.288	0.39	0.03
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note2		15.32	16.50	0.253	0.33	0.141	0.19	-0.11
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2		15.32	16.50	0.308	0.40	0.162	0.21	0.04
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note2		15.32	16.50	0.430	0.56	0.215	0.28	-0.14
4	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2		15.31	16.50	0.507	0.67	0.239	0.31	0.04
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2		15.32	16.50	0.474	0.62	0.224	0.29	-0.12
4	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2		15.30	16.50	0.442	0.58	0.210	0.28	0.07
4	Head	N66	349000	1745	CP-OFDM 16QAM	Tilt Right	0mm	/	Note1		16.98	18.30	0.639	0.87	0.287	0.39	0.01
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	/	Note1		21.44	22.80	0.381	0.52	0.216	0.30	-0.12
4	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	10mm	FIG A.70	Note1		21.43	22.80	0.608	0.83	0.336	0.46	-0.06
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	/	Note1		21.44	22.80	0.513	0.70	0.284	0.39	0.14
4	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note1		21.43	22.80	0.528	0.72	0.285	0.39	0.14
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	/	Note1		21.44	22.80	0.150	0.21	0.087	0.12	-0.17
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	10mm	/	Note1		21.44	22.80	0.398	0.54	0.210	0.29	0.05
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	/	Note2		20.07	21.00	0.256	0.32	0.152	0.19	0.09
4	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		20.05	21.00	0.426	0.53	0.237	0.29	-0.15
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		20.07	21.00	0.349	0.43	0.201	0.25	-0.05
4	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		20.06	21.00	0.359	0.45	0.201	0.25	0.04
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	/	Note2		20.07	21.00	0.102	0.13	0.062	0.08	0.06
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	10mm	/	Note2		20.07	21.00	0.293	0.36	0.165	0.20	0.06
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	17mm	/	/		24.83	25.50	0.370	0.43	0.225	0.26	0.01
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	23mm	/	/		24.83	25.50	0.312	0.36	0.192	0.22	-0.14
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	17mm	/	/		24.83	25.50	0.112	0.13	0.072	0.08	-0.06
4	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Top	22mm	/	/		24.81	25.50	0.505	0.59	0.298	0.35	0.02
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	22mm	/	/		24.83	25.50	0.445	0.52	0.264	0.31	-0.10
4	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Top	22mm	/	/		24.82	25.50	0.401	0.47	0.240	0.28	0.02
4	Body	N66	349000	1745	CP-OFDM 16QAM	Rear	10mm	/	Note1		21.56	22.80	0.507	0.67	0.279	0.37	0.02
1	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.71	/		24.76	25.50	0.308	0.37	0.200	0.24	-0.18
1	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	/	/		24.80	25.50	0.228	0.27	0.149	0.18	0.15
1	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Cheek Left	0mm	/	/		24.77	25.50	0.249	0.29	0.165	0.20	0.10
1	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	/	/		24.80	25.50	0.155	0.18	0.100	0.12	-0.07
1	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	/	/		24.80	25.50	0.151	0.18	0.101	0.12	-0.04
1	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	/	/		24.80	25.50	0.133	0.16	0.082	0.10	0.09
1	Head	N66	349000	1745	CP-OFDM QPSK	Cheek Left	0mm	/	/		23.27	24.00	0.186	0.22	0.117	0.14	0.02
1	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Front	10mm	/	Note1		21.43	22.50	0.249	0.32	0.140	0.18	-0.15
1	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	10mm	FIG A.72	Note1		21.43	22.50	0.481	0.62	0.275	0.35	-0.03
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	/	Note1		21.21	22.50	0.438	0.59	0.228	0.31	0.10
1	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note1		21.05	22.50	0.339	0.47	0.187	0.26	-0.03
1	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Left	10mm	/	Note1		21.43	22.50	0.209	0.27	0.118	0.15	-0.19
1	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Bottom	10mm	/	Note1		21.43	22.50	0.271	0.35	0.150	0.19	0.13
1	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Front	10mm	/	Note2		18.50	19.50	0.108	0.14	0.067	0.08	0.02
1	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		18.50	19.50	0.231	0.29	0.132	0.17	-0.06
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		18.31	19.50	0.199	0.25	0.115	0.15	0.08
1	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	10mm	/	Note2		18.17	19.50	0.161	0.22	0.096	0.13	0.10
1	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Left	10mm	/	Note2		18.50	19.50	0.083	0.10	0.052	0.07	-0.02
1	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Bottom	10mm	/	Note2		18.50	19.50	0.109	0.14	0.064	0.08	0.03
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	15mm	/	/		24.80	25.50	0.284	0.33	0.177	0.21	0.04
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	19mm	/	/		24.80	25.50	0.288	0.34	0.168	0.20	-0.07
1	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Left	14mm	/	/		24.76	25.50	0.312	0.37	0.192	0.23	0.05
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	14mm	/	/		24.80	25.50	0.301	0.35	0.183	0.22	0.02
1	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Left	14mm	/	/		24.77	25.50	0.282	0.33	0.172	0.20	-0.19
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Bottom	15mm	/	/		24.80	25.50	0.277	0.33	0.161	0.19	-0.16
1	Body	N66	355500	1777.5	CP-OFDM 16QAM	Rear	10mm	/	Note1		21.41	22.50	0.473	0.61	0.249	0.32	0.12
0	Head	N71	133100	665.5	DFT-s-OFDM QPSK	Cheek Left	0mm	/	/		24.98	25.50	0.175	0.20	0.142	0.16	0.10
0	Head	N71	133100	665.5	DFT-s-OFDM QPSK	Tilt Left	0mm	/	/		24.98	25.50	0.120	0.14	0.100	0.11	-0.19
0	Head	N71	139100	695.5	DFT-s-OFDM QPSK	Cheek Right	0mm	/	/		24.77	25.50	0.206	0.24	0.163	0.19	0.02
0	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Cheek Right	0mm	/	/		24.85	25.50	0.217	0.25	0.169	0.20	-0.04
0	Head	N71	133100	665.5	DFT-s-OFDM QPSK	Cheek Right	0mm	FIG A.73	/		24.98	25.50	0.261	0.29	0.209	0.24	-0.11
0	Head	N71	133100	665.5	DFT-s-OFDM QPSK	Tilt Right	0mm	/	/		24.98	25.50	0.141	0.16	0.113	0.13	0.14
0	Head	N71	133100	665.5	CP-OFDM QPSK	Cheek Right	0mm	/	/		23.42	24.00	0.207	0.24	0.174	0.20	0.02
0	Body	N71	133100	665.5	DFT-s-OFDM QPSK	Front	10mm	/	/		24.98	25.50	0.189	0.21	0.137	0.15	0.08
0	Body	N71	139100	695.5	DFT-s-OFDM QPSK	Rear	10mm	/	/		24.77	25.50	0.344	0.41	0.219	0.26	-0.05
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Rear	10mm	/	/		24.85	25.50	0.413	0.48	0.289	0.34	0.11
0	Body	N71	133100	665.5	DFT-s-OFDM QPSK	Rear	10mm	FIG A.74	/		24.98	25.50	0.435	0.49	0.339	0.38	-0.03
0	Body	N71	133100	665.5	DFT-s-OFDM QPSK	Left	10mm	/	/		24.98	25.50	0.088	0.10	0.074	0.08	-0.04
0	Body	N71	133100	665.5	DFT-s-OFDM QPSK	Right	10mm	/	/		24.98	25.50	0.308	0.35	0.257	0.29	0.19
0	Body	N71	133100	665.5	DFT-s-OFDM QPSK	Bottom	10mm	/	/		24.98	25.50	0.336	0.38	0.216	0.24	-0.18
0	Body	N71	133100	665.5	CP-OFDM QPSK	Rear	10mm	/	/		23.42	24.00	0.386	0.44	0.295	0.34	0.12



ANT	RF Exposure Condition	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	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
5	Head	N77-L	636000	3540	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note1	100.00%	14.48	16.20	0.509	0.76	0.195	0.29	-0.18
5	Head	N77-L	636000	3540	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	14.48	16.20	0.602	0.89	0.247	0.37	0.12
5	Head	N77-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	14.39	16.20	0.569	0.86	0.226	0.34	0.04
5	Head	N77-L	630668	3460.02	DFT-s-OFDM QPSK	Tilt Left	0mm	FIG A.75	Note1	100.00%	14.33	16.20	0.614	0.94	0.232	0.36	-0.05
5	Head	N77-L	636000	3540	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note1	100.00%	14.48	16.20	0.427	0.63	0.173	0.26	-0.09
5	Head	N77-L	636000	3540	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1	100.00%	14.48	16.20	0.452	0.67	0.177	0.26	-0.12
5	Head	N77-L	636000	3540	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note2	100.00%	13.03	14.50	0.457	0.64	0.173	0.24	-0.08
5	Head	N77-L	636000	3540	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	13.03	14.50	0.472	0.66	0.174	0.24	0.09
5	Head	N77-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	12.92	14.50	0.423	0.61	0.167	0.24	-0.15
5	Head	N77-L	630668	3460.02	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	12.83	14.50	0.480	0.71	0.177	0.26	0.16
5	Head	N77-L	636000	3540	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note2	100.00%	13.03	14.50	0.326	0.46	0.123	0.17	-0.14
5	Head	N77-L	636000	3540	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2	100.00%	13.03	14.50	0.360	0.51	0.131	0.18	0.11
5	Head	N77-L	636000	3540	CP-OFDM 16QAM	Tilt Left	0mm	/	Note1	100.00%	14.47	16.20	0.591	0.88	0.241	0.36	0.03
5	Body	N77-L	636000	3540	DFT-s-OFDM QPSK	Front	10mm	/	Note1	100.00%	18.51	20.00	0.416	0.59	0.184	0.26	-0.02
5	Body	N77-L	636000	3540	DFT-s-OFDM QPSK	Rear	10mm	/	Note1	100.00%	18.51	20.00	0.613	0.86	0.261	0.37	0.07
5	Body	N77-L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	/	Note1	100.00%	18.41	20.00	0.619	0.89	0.261	0.38	-0.01
5	Body	N77-L	630668	3460.02	DFT-s-OFDM QPSK	Rear	10mm	/	Note1	100.00%	18.35	20.00	0.624	0.91	0.268	0.39	0.07
5	Body	N77-L	636000	3540	DFT-s-OFDM QPSK	Left	10mm	/	Note1	100.00%	18.51	20.00	0.076	0.11	0.034	0.05	-0.15
5	Body	N77-L	636000	3540	DFT-s-OFDM QPSK	right	10mm	/	Note1	100.00%	18.51	20.00	0.066	0.09	0.029	0.04	-0.07
5	Body	N77-L	636000	3540	DFT-s-OFDM QPSK	Top	10mm	/	Note1	100.00%	18.51	20.00	0.596	0.84	0.255	0.36	0.05
5	Body	N77-L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	/	Note1	100.00%	18.41	20.00	0.624	0.90	0.264	0.38	0.08
5	Body	N77-L	630668	3460.02	DFT-s-OFDM QPSK	Top	10mm	FIG A.76	Note1	100.00%	18.35	20.00	0.681	1.00	0.287	0.42	0.14
5	Body	N77-L	636000	3540	DFT-s-OFDM QPSK	Front	10mm	/	Note2	100.00%	16.52	17.50	0.355	0.43	0.156	0.20	-0.18
5	Body	N77-L	636000	3540	DFT-s-OFDM QPSK	Rear	10mm	/	Note2	100.00%	16.52	17.50	0.343	0.44	0.147	0.18	-0.05
5	Body	N77-L	636000	3540	DFT-s-OFDM QPSK	Left	10mm	/	Note2	100.00%	16.52	17.50	0.101	0.13	0.049	0.06	-0.04
5	Body	N77-L	636000	3540	DFT-s-OFDM QPSK	right	10mm	/	Note2	100.00%	16.52	17.50	0.050	0.06	0.022	0.03	-0.15
5	Body	N77-L	636000	3540	DFT-s-OFDM QPSK	Top	10mm	/	Note2	100.00%	16.52	17.50	0.447	0.56	0.187	0.23	0.09
5	Body	N77-L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	/	Note2	100.00%	16.42	17.50	0.471	0.60	0.195	0.25	0.19
5	Body	N77-L	630668	3460.02	DFT-s-OFDM QPSK	Top	10mm	/	Note2	100.00%	16.35	17.50	0.507	0.66	0.209	0.27	-0.03
5	Body	N77-L	630668	3460.02	DFT-s-OFDM QPSK	Front	23mm	/	Note1	100.00%	27.11	28.00	0.577	0.71	0.283	0.35	0.12
5	Body	N77-L	630668	3460.02	DFT-s-OFDM QPSK	Rear	27mm	/	Note1	100.00%	27.11	28.00	0.631	0.77	0.308	0.38	-0.15
5	Body	N77-L	630668	3460.02	DFT-s-OFDM QPSK	Right	10mm	/	Note1	100.00%	27.11	28.00	0.552	0.68	0.276	0.34	0.16
5	Body	N77-L	636000	3540	DFT-s-OFDM QPSK	Top	27mm	/	Note1	100.00%	26.92	28.00	0.684	0.88	0.340	0.44	0.05
5	Body	N77-L	633334	3500.01	DFT-s-OFDM QPSK	Top	27mm	/	Note1	100.00%	26.92	28.00	0.717	0.92	0.352	0.45	0.13
5	Body	N77-L	630668	3460.02	DFT-s-OFDM QPSK	Top	27mm	/	Note1	100.00%	27.11	28.00	0.782	0.96	0.383	0.47	0.04
5	Body	N77-L	630668	3460.02	DFT-s-OFDM QPSK	Front	23mm	/	Note2	100.00%	24.19	25.00	0.382	0.46	0.191	0.23	-0.04
5	Body	N77-L	630668	3460.02	DFT-s-OFDM QPSK	Rear	27mm	/	Note2	100.00%	24.19	25.00	0.408	0.50	0.207	0.25	-0.18
5	Body	N77-L	630668	3460.02	DFT-s-OFDM QPSK	Right	10mm	/	Note2	100.00%	24.19	25.00	0.366	0.44	0.186	0.22	-0.17
5	Body	N77-L	630668	3460.02	DFT-s-OFDM QPSK	Top	27mm	/	Note2	100.00%	24.19	25.00	0.518	0.62	0.258	0.31	0.08
5	Body	N77-L	636000	3540	CP-OFDM 16QAM	Top	10mm	/	Note1	100.00%	18.50	20.00	0.592	0.84	0.251	0.35	-0.06
5	Head	N77-H	657733.3333	3866	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note1	100.00%	14.46	16.20	0.595	0.89	0.224	0.33	0.13
5	Head	N77-H	644666	3969.99	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	14.36	16.20	0.618	0.94	0.220	0.34	-0.07
5	Head	N77-H	661200	3918	DFT-s-OFDM QPSK	Tilt Left	0mm	FIG A.77	Note1	100.00%	14.44	16.20	0.626	0.94	0.227	0.34	0.14
5	Head	N77-H	657733.3333	3866	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	14.46	16.20	0.575	0.86	0.217	0.32	0.03
5	Head	N77-H	654266.6667	3814	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	14.41	16.20	0.564	0.85	0.213	0.32	0.10
5	Head	N77-H	650800	3762	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	14.31	16.20	0.595	0.92	0.225	0.35	0.10
5	Head	N77-H	647334	3710.01	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	14.34	16.20	0.604	0.93	0.230	0.35	0.11
5	Head	N77-H	657733.3333	3866	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note1	100.00%	14.46	16.20	0.362	0.54	0.140	0.21	0.17
5	Head	N77-H	657733.3333	3866	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1	100.00%	14.46	16.20	0.403	0.60	0.155	0.23	0.17
5	Head	N77-H	661200	3918	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note2	100.00%	12.96	14.50	0.329	0.47	0.133	0.19	-0.05
5	Head	N77-H	644666	3969.99	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	12.83	14.50	0.465	0.68	0.168	0.25	-0.11
5	Head	N77-H	661200	3918	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	12.96	14.50	0.388	0.55	0.152	0.22	0.12
5	Head	N77-H	657733.3333	3866	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	12.89	14.50	0.432	0.63	0.157	0.23	-0.19
5	Head	N77-H	654266.6667	3814	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	12.86	14.50	0.421	0.61	0.155	0.23	0.13
5	Head	N77-H	650800	3762	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	12.77	14.50	0.443	0.66	0.163	0.24	-0.05
5	Head	N77-H	647334	3710.01	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	12.78	14.50	0.451	0.67	0.167	0.25	0.17
5	Head	N77-H	661200	3918	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note2	100.00%	12.96	14.50	0.243	0.35	0.100	0.14	-0.11
5	Head	N77-H	661200	3918	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2	100.00%	12.96	14.50	0.282	0.40	0.112	0.16	0.06
5	Head	N77-H	657733.3333	3866	CP-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	14.43	16.20	0.562	0.84	0.206	0.31	0.08
5	Body	N77-H	661200	3918	DFT-s-OFDM QPSK	Front	10mm	/	Note1	100.00%	18.51	20.00	0.325	0.46	0.146	0.21	-0.02
5	Body	N77-H	661200	3918	DFT-s-OFDM QPSK	Rear	10mm	/	Note1	100.00%	18.51	20.00	0.359	0.51	0.162	0.23	0.08
5	Body	N77-H	661200	3918	DFT-s-OFDM QPSK	Left	10mm	/	Note1	100.00%	18.51	20.00	0.025	0.04	0.008	0.01	-0.11
5	Body	N77-H	661200	3918	DFT-s-OFDM QPSK	right	10mm	/	Note1	100.00%	18.51	20.00	0.118	0.17	0.055	0.08	-0.04
5	Body	N77-H	644666	3969.99	DFT-s-OFDM QPSK	Top	10mm	/	Note1	100.00%	18.39	20.00	0.440	0.64	0.187	0.27	0.10
5	Body	N77-H	661200	3918	DFT-s-OFDM QPSK	Top	10mm	/	Note1	100.00%	18.51	20.00	0.430	0.61	0.184	0.26	-0.05
5	Body	N77-H	657733.3333	3866	DFT-s-OFDM QPSK	Top	10mm	/	Note1	100.00%	18.47	20.00	0.425	0.60	0.182	0.26	-0.12
5	Body	N77-H	654266.6667	3814	DFT-s-OFDM QPSK	Top	10mm	/	Note1	100.00%	18.44	20.00	0.459	0.66	0.197	0.28	0.03
5	Body	N77-H	650800	3762	DFT-s-OFDM QPSK	Top	10mm	/	Note1	100.00%	18.32	20.00	0.505	0.74	0.218	0.32	0.11
5	Body	N77-H	647334	3710.01	DFT-s-OFDM QPSK	Top	10mm	FIG A.78	Note1	100.00%	18.34	20.00	0.548	0.80	0.233	0.34	0.14
5	Body	N77-H	657733.3333	3866	DFT-s-OFDM QPSK	Front	10mm	/	Note2	100.00%	16.53	17.50	0.199	0.25	0.087	0.11	0.12
5	Body	N77-H	657733.3333	3866	DFT-s-OFDM QPSK	Rear	10mm	/	Note2	100.00%	16.53	17.50	0.216	0.27	0.097	0.12	-0.08
5	Body	N77-H	657733.3333	3866	DFT-s-OFDM QPSK	Left	10mm	/	Note2	100.00%	16.53	17.50	0.027	0.03	0.006	0.01	-0.04
5	Body	N77-H	657733.3333	3866	DFT-s-OFDM QPSK	right	10mm	/	Note2	100.00%	16.53	17.50	0.071	0.09	0.033	0.04	0.02
5	Body	N77-H	644666	3969.99	DFT-s-OFDM QPSK	Top	10mm	/	Note2	100.00%	16.42	17.50	0.269	0.34	0.113	0.14	0.10
5	Body	N77-H	661200	3918	DFT-s-OFDM QPSK	Top	1										

ANT	RF Exposure Condition s	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	Duty Cycle	ELF 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
5	Head	N78-L	636000	3540	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note1	100.00%	14.63	16.20	0.535	0.77	0.208	0.30	0.11
5	Head	N78-L	636000	3540	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	14.63	16.20	0.632	0.91	0.263	0.38	0.14
5	Head	N78-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	14.55	16.20	0.598	0.87	0.241	0.35	0.12
5	Head	N78-L	630668	3460.02	DFT-s-OFDM QPSK	Tilt Left	0mm	FIG A.79	Note1	100.00%	14.52	16.20	0.645	0.95	0.247	0.36	0.14
5	Head	N78-L	636000	3540	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note1	100.00%	14.63	16.20	0.449	0.64	0.184	0.26	-0.06
5	Head	N78-L	636000	3540	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1	100.00%	14.63	16.20	0.475	0.68	0.188	0.27	0.19
5	Head	N78-L	636000	3540	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note2	100.00%	13.01	14.50	0.480	0.68	0.184	0.26	0.13
5	Head	N78-L	636000	3540	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	13.01	14.50	0.496	0.70	0.185	0.26	0.00
5	Head	N78-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	12.97	14.50	0.444	0.63	0.178	0.25	0.13
5	Head	N78-L	630668	3460.02	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	12.96	14.50	0.504	0.72	0.188	0.27	0.06
5	Head	N78-L	636000	3540	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note2	100.00%	13.01	14.50	0.342	0.48	0.131	0.18	0.10
5	Head	N78-L	636000	3540	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2	100.00%	13.01	14.50	0.378	0.53	0.139	0.20	0.13
5	Head	N78-L	636000	3540	CP-OFDM 16QAM	Tilt Left	0mm	/	Note1	100.00%	14.62	16.20	0.621	0.89	0.257	0.37	-0.10
5	Body	N78-L	636000	3540	DFT-s-OFDM QPSK	Front	10mm	/	Note1	100.00%	18.66	20.00	0.440	0.60	0.192	0.26	0.09
5	Body	N78-L	636000	3540	DFT-s-OFDM QPSK	Rear	10mm	/	Note1	100.00%	18.66	20.00	0.648	0.88	0.272	0.37	0.05
5	Body	N78-L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	/	Note1	100.00%	18.42	20.00	0.654	0.94	0.272	0.39	0.04
5	Body	N78-L	630668	3460.02	DFT-s-OFDM QPSK	Rear	10mm	/	Note1	100.00%	18.61	20.00	0.660	0.91	0.279	0.38	0.08
5	Body	N78-L	636000	3540	DFT-s-OFDM QPSK	Left	10mm	/	Note1	100.00%	18.66	20.00	0.080	0.11	0.035	0.05	-0.13
5	Body	N78-L	636000	3540	DFT-s-OFDM QPSK	right	10mm	/	Note1	100.00%	18.66	20.00	0.070	0.10	0.030	0.04	0.12
5	Body	N78-L	636000	3540	DFT-s-OFDM QPSK	Top	10mm	/	Note1	100.00%	18.66	20.00	0.630	0.86	0.266	0.36	0.16
5	Body	N78-L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	/	Note1	100.00%	18.42	20.00	0.660	0.95	0.275	0.40	0.00
5	Body	N78-L	630668	3460.02	DFT-s-OFDM QPSK	Top	10mm	FIG A.80	Note1	100.00%	18.61	20.00	0.720	0.99	0.299	0.41	0.01
5	Body	N78-L	636000	3540	DFT-s-OFDM QPSK	Front	10mm	/	Note2	100.00%	16.51	17.50	0.375	0.47	0.163	0.20	-0.01
5	Body	N78-L	636000	3540	DFT-s-OFDM QPSK	Rear	10mm	/	Note2	100.00%	16.51	17.50	0.374	0.47	0.159	0.20	0.14
5	Body	N78-L	636000	3540	DFT-s-OFDM QPSK	Left	10mm	/	Note2	100.00%	16.51	17.50	0.107	0.13	0.051	0.06	-0.14
5	Body	N78-L	636000	3540	DFT-s-OFDM QPSK	right	10mm	/	Note2	100.00%	16.51	17.50	0.053	0.07	0.023	0.03	-0.05
5	Body	N78-L	636000	3540	DFT-s-OFDM QPSK	Top	10mm	/	Note2	100.00%	16.51	17.50	0.473	0.59	0.195	0.24	-0.02
5	Body	N78-L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	/	Note2	100.00%	16.38	17.50	0.498	0.64	0.203	0.26	-0.16
5	Body	N78-L	630668	3460.02	DFT-s-OFDM QPSK	Top	10mm	/	Note2	100.00%	16.49	17.50	0.536	0.68	0.218	0.28	-0.18
5	Body	N78-L	633332	3499.98	DFT-s-OFDM QPSK	Front	23mm	/	/	100.00%	23.58	25.00	0.404	0.56	0.199	0.28	0.04
5	Body	N78-L	633332	3499.98	DFT-s-OFDM QPSK	Rear	27mm	/	/	100.00%	23.58	25.00	0.442	0.61	0.216	0.30	0.00
5	Body	N78-L	633332	3499.98	DFT-s-OFDM QPSK	Right	10mm	/	/	100.00%	23.58	25.00	0.387	0.54	0.194	0.27	-0.19
5	Body	N78-L	633332	3499.98	DFT-s-OFDM QPSK	Top	27mm	/	/	100.00%	23.58	25.00	0.548	0.76	0.269	0.37	-0.02
5	Head	N78-H	653000	3795	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note1	100.00%	14.45	16.20	0.606	0.91	0.238	0.36	-0.09
5	Head	N78-H	653000	3795	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	14.45	16.20	0.630	0.94	0.234	0.35	0.10
5	Head	N78-H	650000	3750	DFT-s-OFDM QPSK	Tilt Left	0mm	FIG A.81	Note1	100.00%	14.37	16.20	0.638	0.97	0.241	0.37	-0.17
5	Head	N78-H	647000	3705	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note1	100.00%	14.35	16.20	0.586	0.90	0.230	0.35	-0.18
5	Head	N78-H	653000	3795	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note1	100.00%	14.45	16.20	0.369	0.55	0.149	0.22	0.17
5	Head	N78-H	653000	3795	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note1	100.00%	14.45	16.20	0.411	0.61	0.165	0.25	-0.03
5	Head	N78-H	653000	3795	DFT-s-OFDM QPSK	Cheek Left	0mm	/	Note2	100.00%	13.03	14.50	0.335	0.47	0.141	0.20	-0.09
5	Head	N78-H	653000	3795	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	13.03	14.50	0.474	0.66	0.178	0.25	-0.07
5	Head	N78-H	650000	3750	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	12.99	14.50	0.395	0.56	0.161	0.23	0.06
5	Head	N78-H	647000	3705	DFT-s-OFDM QPSK	Tilt Left	0mm	/	Note2	100.00%	12.98	14.50	0.440	0.62	0.167	0.24	0.05
5	Head	N78-H	653000	3795	DFT-s-OFDM QPSK	Cheek Right	0mm	/	Note2	100.00%	13.03	14.50	0.248	0.35	0.106	0.15	-0.15
5	Head	N78-H	653000	3795	DFT-s-OFDM QPSK	Tilt Right	0mm	/	Note2	100.00%	13.03	14.50	0.287	0.40	0.119	0.17	0.08
5	Head	N78-H	653000	3795	CP-OFDM 16QAM	Tilt Left	0mm	/	Note1	100.00%	14.43	16.20	0.573	0.86	0.219	0.33	-0.03
5	Body	N78-H	653000	3795	DFT-s-OFDM QPSK	Front	10mm	/	Note1	100.00%	18.60	20.00	0.357	0.49	0.161	0.22	0.04
5	Body	N78-H	653000	3795	DFT-s-OFDM QPSK	Rear	10mm	/	Note1	100.00%	18.60	20.00	0.394	0.54	0.179	0.25	0.01
5	Body	N78-H	653000	3795	DFT-s-OFDM QPSK	Left	10mm	/	Note1	100.00%	18.60	20.00	0.027	0.04	0.009	0.01	0.10
5	Body	N78-H	653000	3795	DFT-s-OFDM QPSK	right	10mm	/	Note1	100.00%	18.60	20.00	0.130	0.18	0.061	0.08	-0.13
5	Body	N78-H	653000	3795	DFT-s-OFDM QPSK	Top	10mm	/	Note1	100.00%	18.60	20.00	0.504	0.70	0.217	0.30	-0.18
5	Body	N78-H	650000	3750	DFT-s-OFDM QPSK	Top	10mm	/	Note1	100.00%	18.42	20.00	0.555	0.80	0.240	0.35	-0.07
5	Body	N78-H	647000	3705	DFT-s-OFDM QPSK	Top	10mm	FIG A.82	Note1	100.00%	18.35	20.00	0.602	0.88	0.257	0.38	0.19
5	Body	N78-H	653000	3795	DFT-s-OFDM QPSK	Front	10mm	/	Note2	100.00%	16.55	17.50	0.219	0.27	0.096	0.12	-0.02
5	Body	N78-H	653000	3795	DFT-s-OFDM QPSK	Rear	10mm	/	Note2	100.00%	16.55	17.50	0.237	0.29	0.107	0.13	0.10
5	Body	N78-H	653000	3795	DFT-s-OFDM QPSK	Left	10mm	/	Note2	100.00%	16.55	17.50	0.030	0.04	0.007	0.01	0.13
5	Body	N78-H	653000	3795	DFT-s-OFDM QPSK	right	10mm	/	Note2	100.00%	16.55	17.50	0.078	0.10	0.036	0.04	0.00
5	Body	N78-H	653000	3795	DFT-s-OFDM QPSK	Top	10mm	/	Note2	100.00%	16.55	17.50	0.305	0.38	0.131	0.16	-0.02
5	Body	N78-H	650000	3750	DFT-s-OFDM QPSK	Top	10mm	/	Note2	100.00%	16.42	17.50	0.342	0.44	0.146	0.19	-0.01
5	Body	N78-H	647000	3705	DFT-s-OFDM QPSK	Top	10mm	/	Note2	100.00%	16.37	17.50	0.370	0.48	0.156	0.20	-0.10
5	Body	N78-H	653000	3795	DFT-s-OFDM QPSK	Front	23mm	/	/	100.00%	23.67	25.00	0.423	0.57	0.207	0.28	0.13
5	Body	N78-H	653000	3795	DFT-s-OFDM QPSK	Rear	27mm	/	/	100.00%	23.67	25.00	0.393	0.53	0.188	0.26	-0.03
5	Body	N78-H	653000	3795	DFT-s-OFDM QPSK	Right	10mm	/	/	100.00%	23.67	25.00	0.314	0.43	0.159	0.22	-0.17
5	Body	N78-H	653000	3795	DFT-s-OFDM QPSK	Top	27mm	/	/	100.00%	23.67	25.00	0.460	0.62	0.223	0.30	-0.11

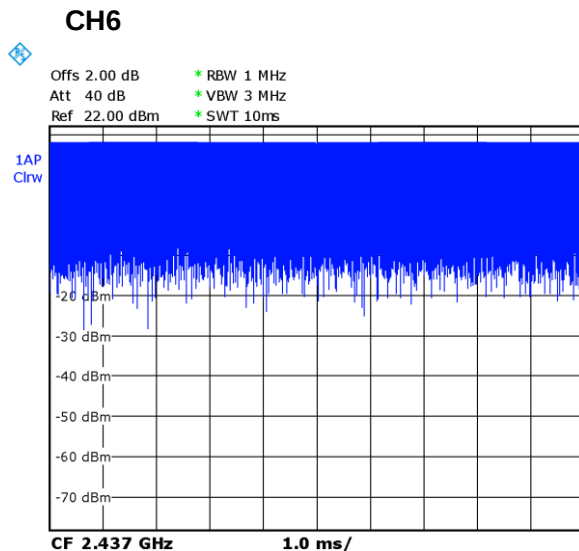
14.3 SAR Evaluation for WIFI

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.

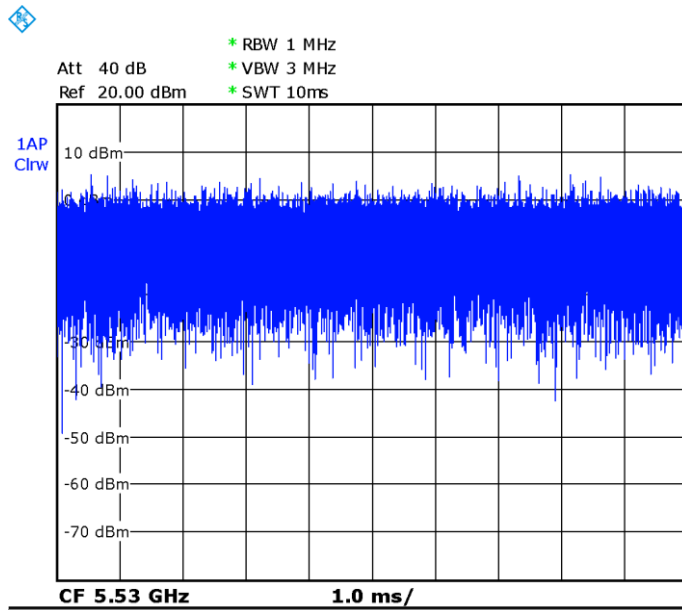
When the same transmission mode configurations have the same maximum output power on the same channel for the 802.11 a/g/n/ac/ax modes, the channel in the lower order/sequence 802.11 mode (i.e. a, g, n ac then ax) is selected.

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.

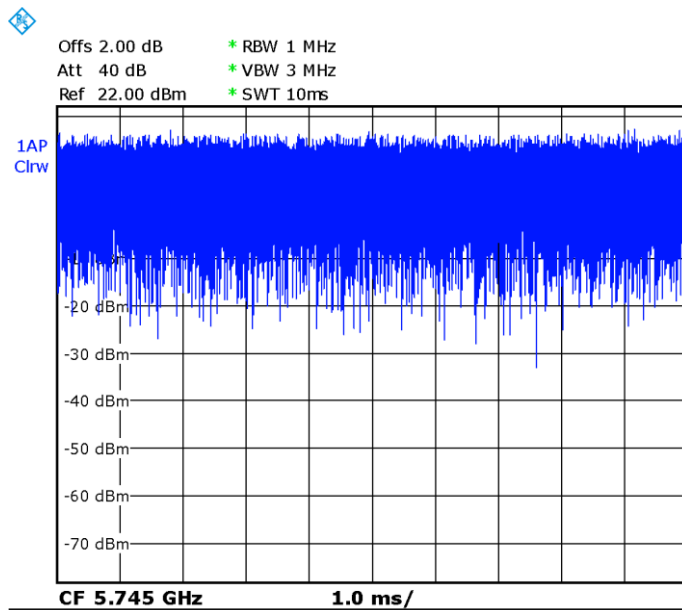
Duty factor plot



CH106



CH149





ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Duty Cycle	EMF 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
6	Head	WLAN2.4G	6	2437	11b	Cheek Left	0mm	FIG A.83	100.00%	13.91	15	0.238	0.31	0.107	0.14	-0.13
6	Head	WLAN2.4G	6	2437	11b	Tilt Left	0mm	\	100.00%	13.91	15	0.226	0.29	0.094	0.12	-0.09
6	Head	WLAN2.4G	6	2437	11b	Cheek Right	0mm	\	100.00%	13.91	15	0.099	0.13	0.046	0.06	0.06
6	Head	WLAN2.4G	6	2437	11b	Tilt Right	0mm	\	100.00%	13.91	15	0.121	0.16	0.052	0.07	-0.07
6	Body	WLAN2.4G	6	2437	11b	Front	10mm	\	100.00%	17.93	19.5	0.268	0.38	0.113	0.16	0.06
6	Body	WLAN2.4G	6	2437	11b	Rear	10mm	FIG A.84	100.00%	17.93	19.5	0.333	0.48	0.134	0.19	0.15
6	Body	WLAN2.4G	6	2437	11b	Top	10mm	\	100.00%	17.93	19.5	0.271	0.39	0.114	0.16	0.17
6	Body	WLAN2.4G	6	2437	11b	Front	23mm	\	100.00%	21.78	23	0.175	0.23	0.088	0.12	0.11
6	Body	WLAN2.4G	6	2437	11b	Rear	27mm	\	100.00%	21.78	23	0.185	0.25	0.093	0.12	-0.04
6	Body	WLAN2.4G	6	2437	11b	Right	10mm	\	100.00%	21.78	23	0.231	0.31	0.118	0.16	0.15
6	Body	WLAN2.4G	6	2437	11b	Top	27mm	\	100.00%	21.78	23	0.157	0.21	0.084	0.11	0.09
6	Head	WLAN5G	58	5290	11ac-80M	Cheek Left	0mm	\	100.00%	11.88	12.5	0.241	0.28	0.08	0.09	-0.09
6	Head	WLAN5G	58	5290	11ac-80M	Tilt Left	0mm	\	100.00%	11.88	12.5	0.265	0.31	0.074	0.09	-0.11
6	Head	WLAN5G	58	5290	11ac-80M	Cheek Right	0mm	\	100.00%	11.88	12.5	0.098	0.11	0.031	0.04	0.07
6	Head	WLAN5G	58	5290	11ac-80M	Tilt Right	0mm	\	100.00%	11.88	12.5	0.108	0.12	0.033	0.04	-0.17
6	Head	WLAN5G	106	5530	11ac-80M	Cheek Left	0mm	\	100.00%	12.27	12.5	0.316	0.33	0.087	0.09	-0.16
6	Head	WLAN5G	106	5530	11ac-80M	Tilt Left	0mm	FIG A.85	100.00%	12.27	12.5	0.323	0.34	0.083	0.09	-0.02
6	Head	WLAN5G	106	5530	11ac-80M	Cheek Right	0mm	\	100.00%	12.27	12.5	0.148	0.16	0.037	0.04	-0.12
6	Head	WLAN5G	106	5530	11ac-80M	Tilt Right	0mm	\	100.00%	12.27	12.5	0.177	0.19	0.046	0.05	-0.03
6	Head	WLAN5G	155	5775	11ac-80M	Cheek Left	0mm	\	100.00%	12.41	12.5	0.198	0.20	0.065	0.07	0.19
6	Head	WLAN5G	155	5775	11ac-80M	Tilt Left	0mm	\	100.00%	12.41	12.5	0.188	0.19	0.059	0.06	-0.09
6	Head	WLAN5G	155	5775	11ac-80M	Cheek Right	0mm	\	100.00%	12.41	12.5	0.089	0.09	0.028	0.03	-0.07
6	Head	WLAN5G	155	5775	11ac-80M	Tilt Right	0mm	\	100.00%	12.41	12.5	0.118	0.12	0.036	0.04	-0.08
6	Body	WLAN5G	58	5290	11ac-80M	Front	10mm	\	100.00%	12.6	13.5	0.05	0.06	0.016	0.02	0.17
6	Body	WLAN5G	58	5290	11ac-80M	Rear	10mm	\	100.00%	12.6	13.5	0.302	0.37	0.098	0.12	0.19
6	Body	WLAN5G	58	5290	11ac-80M	Top	10mm	\	100.00%	12.6	13.5	0.217	0.27	0.07	0.09	0.05
6	Body	WLAN5G	138	5690	11ac-80M	Front	10mm	\	100.00%	12.96	13.5	0.064	0.07	0.023	0.03	-0.08
6	Body	WLAN5G	138	5690	11ac-80M	Rear	10mm	\	100.00%	12.96	13.5	0.26	0.29	0.089	0.10	0.12
6	Body	WLAN5G	138	5690	11ac-80M	Top	10mm	\	100.00%	12.96	13.5	0.273	0.31	0.09	0.10	0.12
6	Body	WLAN5G	155	5775	11ac-80M	Front	10mm	\	100.00%	13	13.5	0.065	0.07	0.023	0.03	0.15
6	Body	WLAN5G	155	5775	11ac-80M	Rear	10mm	\	100.00%	13	13.5	0.21	0.24	0.074	0.08	0.09
6	Body	WLAN5G	155	5775	11ac-80M	Top	10mm	\	100.00%	13	13.5	0.207	0.23	0.072	0.08	0.14
6	Body	WLAN5G	64	5320	11a	Front	23mm	\	100.00%	19.83	20.5	0.09	0.11	0.036	0.04	0.19
6	Body	WLAN5G	64	5320	11a	Rear	27mm	\	100.00%	19.83	20.5	0.405	0.47	0.178	0.21	-0.13
6	Body	WLAN5G	64	5320	11a	Right	10mm	\	100.00%	19.83	20.5	0.207	0.24	0.08	0.09	-0.19
6	Body	WLAN5G	64	5320	11a	Top	27mm	\	100.00%	19.83	20.5	0.292	0.34	0.12	0.14	0.14
6	Body	WLAN5G	108	5540	11a	Front	23mm	\	100.00%	19.57	20	0.226	0.25	0.087	0.10	0.01
6	Body	WLAN5G	108	5540	11a	Rear	27mm	\	100.00%	19.57	20	0.433	0.48	0.19	0.21	-0.09
6	Body	WLAN5G	108	5540	11a	Right	10mm	\	100.00%	19.57	20	0.451	0.50	0.158	0.17	-0.15
6	Body	WLAN5G	108	5540	11a	Top	27mm	\	100.00%	19.57	20	0.346	0.38	0.147	0.16	0.17
6	Body	WLAN5G	149	5745	11a	Front	23mm	\	100.00%	20.2	21	0.147	0.18	0.056	0.07	-0.18
6	Body	WLAN5G	149	5745	11a	Rear	27mm	\	100.00%	20.2	21	0.254	0.31	0.109	0.13	-0.17
6	Body	WLAN5G	149	5745	11a	Right	10mm	FIG A.86	100.00%	20.2	21	0.457	0.55	0.18	0.22	-0.04
6	Body	WLAN5G	149	5745	11a	Top	27mm	\	100.00%	20.2	21	0.368	0.44	0.146	0.18	0.06

14.4 SAR Evaluation For BT

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RS	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
6	Head	BT	39	2441	GFSK	Cheek Left	0mm	FIG A.87	8.64	9	0.023	0.02	0.009	0.01	-0.08
6	Head	BT	39	2441	GFSK	Tilt Left	0mm	\	8.64	9	<0.01	<0.01	<0.01	<0.01	/
6	Head	BT	39	2441	GFSK	Cheek Right	0mm	\	8.64	9	<0.01	<0.01	<0.01	<0.01	/
6	Head	BT	39	2441	GFSK	Tilt Right	0mm	\	8.64	9	<0.01	<0.01	<0.01	<0.01	/
6	Body	BT	39	2441	GFSK	Front	10mm	\	8.64	9	<0.01	<0.01	<0.01	<0.01	/
6	Body	BT	39	2441	GFSK	Rear	10mm	FIG A.88	8.64	9	0.012	0.01	0.004	0.00	-0.16
6	Body	BT	39	2441	GFSK	Right	10mm	\	8.64	9	<0.01	<0.01	<0.01	<0.01	/
6	Body	BT	39	2441	GFSK	Top	10mm	\	8.64	9	<0.01	<0.01	<0.01	<0.01	/
6	Body	BT	39	2441	GFSK	Rear	23mm	\	8.64	9	<0.01	<0.01	<0.01	<0.01	/

15 Measurement Uncertainty

15.1 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	RF ambient 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	

15.2 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	$\sqrt{3}$	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	4.0	R	$\sqrt{3}$	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	$\sqrt{3}$	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		$u_c = \sqrt{\sum_{i=1}^{21} c_i^2 u_i^2}$						10.7	10.6	257
Expanded uncertainty (confidence interval of 95 %)		$u_e = 2u_c$						21.4	21.1	

15.3 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	RF ambient 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	

15.4 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	RF ambient 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	

16 MAIN TEST INSTRUMENTS

Table 16.1: List of Main Instruments

No.	Name	Type	Serial Number	Calibration Date	Valid Period
01	Network analyzer	E5071C	MY46110673	January 14, 2022	One year
02	Power sensor	NRP110T	101139	January 13, 2022	One year
03	Power sensor	NRP110T	101159	January 13, 2022	One year
04	Signal Generator	E4438C	MY49071430	January 13, 2022	One year
05	Amplifier	60S1G4	0331848	No Calibration Requested	
06	BTS	CMW500	159890	January 24, 2022	One year
07	BTS	CMW500	129942	February 14, 2022	One year
08	E-field Probe	SPEAG EX3DV4	7600	December 29, 2021	One year
09	DAE	SPEAG DAE4	777	January 07, 2022	One year
10	Dipole Validation Kit	SPEAG D750V3	1017	July 20,2022	One year
11	Dipole Validation Kit	SPEAG D835V2	4d069	July 20,2022	One year
12	Dipole Validation Kit	SPEAG D1750V2	1003	July 18,2022	One year
13	Dipole Validation Kit	SPEAG D1900V2	5d101	July 26,2022	One year
14	Dipole Validation Kit	SPEAG D2300V2	1018	July 20,2022	One year
15	Dipole Validation Kit	SPEAG D2450V2	853	July 20,2022	One year
16	Dipole Validation Kit	SPEAG D2600V2	1012	July 20,2022	One year
17	Dipole Validation Kit	SPEAG D3300V2	1011	July 01,2022	One year
18	Dipole Validation Kit	SPEAG D3500V2	1016	July 01,2022	One year
19	Dipole Validation Kit	SPEAG D3700V2	1004	July 01,2022	One year
20	Dipole Validation Kit	SPEAG D3900V2	1024	July 01,2022	One year
21	Dipole Validation Kit	SPEAG D5GHzV2	1262	January 27,2022	One year

END OF REPORT BODY

ANNEX A Graph Results

GSM850 Head ANT0 DSI0

Date: 10/3/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.872$ S/m; $\epsilon_r = 42.762$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM850 2TX 836.6 MHz Duty Cycle: 1:4.00037

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.485 W/kg

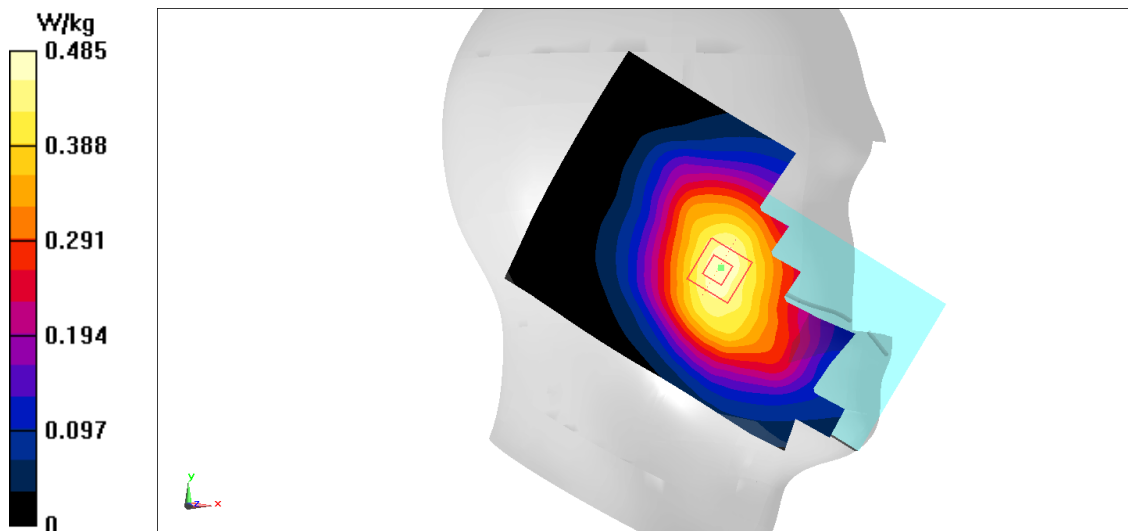
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.365 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 0.490 W/kg



GSM850 Body ANT0 DSI0

Date: 10/3/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.872$ S/m; $\epsilon_r = 42.762$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM850 2TX 836.6 MHz Duty Cycle: 1:4.00037

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.967 W/kg

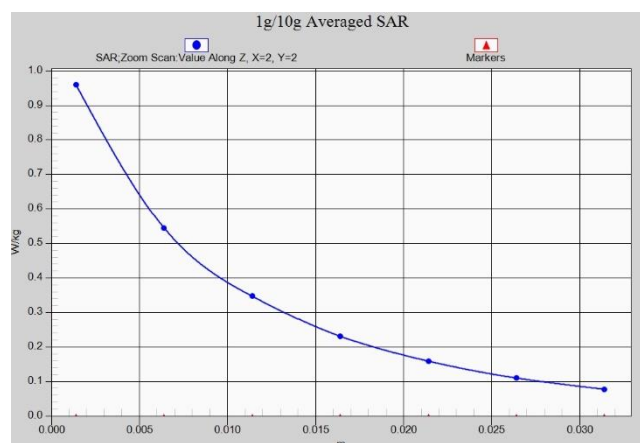
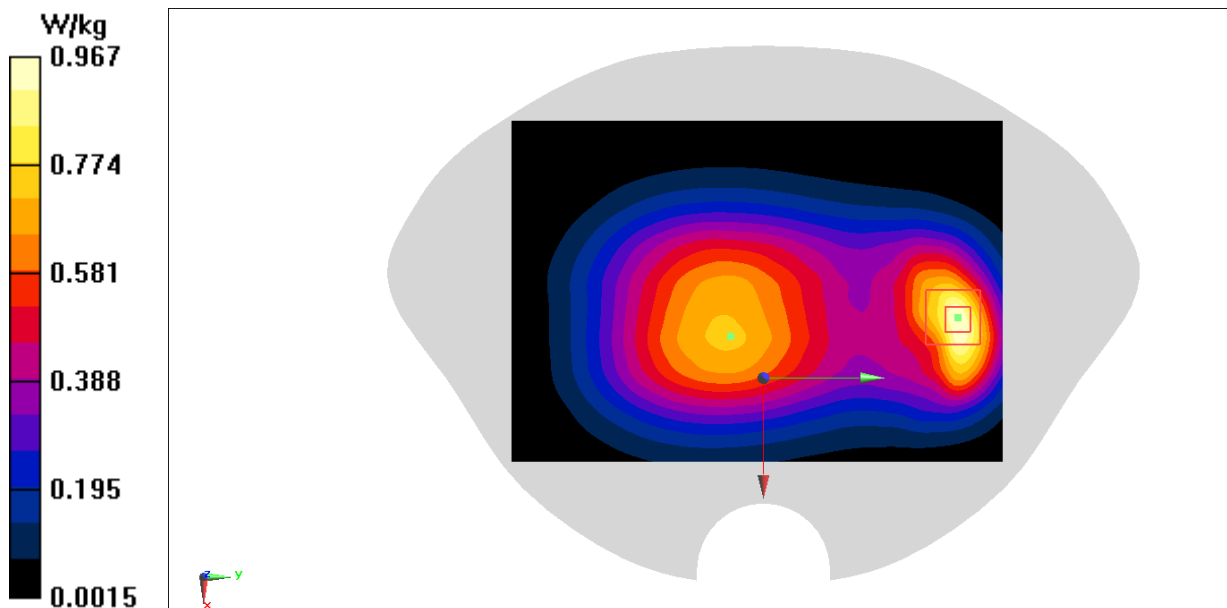
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.98 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.400 W/kg

Maximum value of SAR (measured) = 0.960 W/kg



GSM1900 Head ANT1 DSI0

Date: 10/29/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.532$ S/m; $\epsilon_r = 39.082$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM1900 2TX 1909.8 MHz Duty Cycle: 1:4.00037

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.198 W/kg

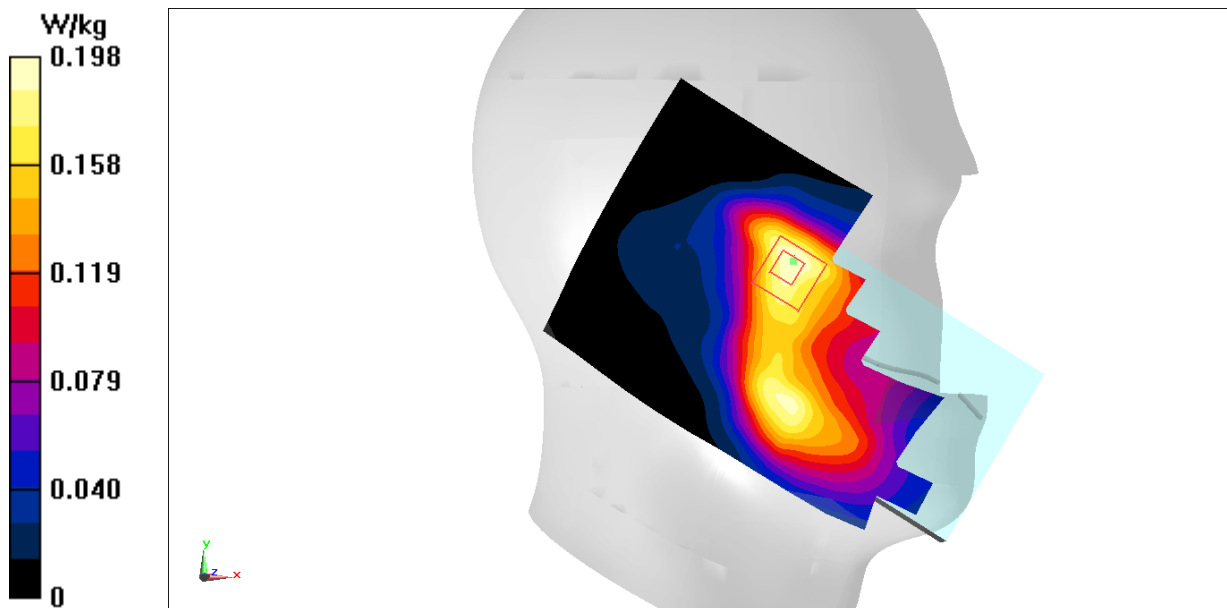
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.589 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.086 W/kg

Maximum value of SAR (measured) = 0.176 W/kg



GSM1900 Body ANT1 DSI0

Date: 10/29/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.499$ S/m; $\epsilon_r = 39.352$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM1900 2TX 1850.2 MHz Duty Cycle: 1:4.00037

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.705 W/kg

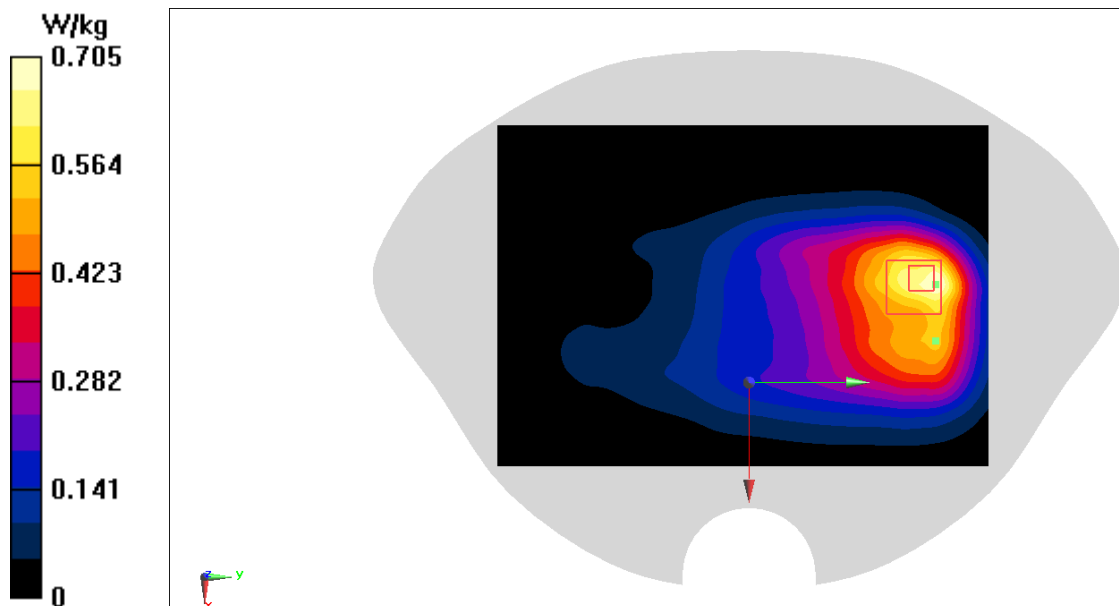
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.21 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.811 W/kg

SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 0.653 W/kg



WCDMA850 Head ANT0

Date: 9/26/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.907$ S/m; $\epsilon_r = 43.168$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: WCDMA850(B5) 836.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.293 W/kg

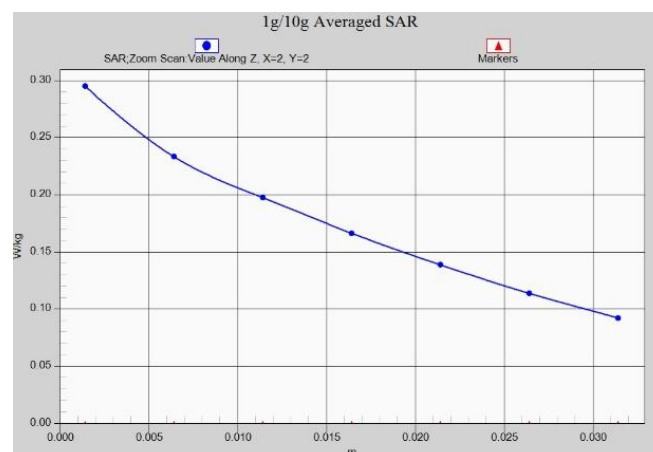
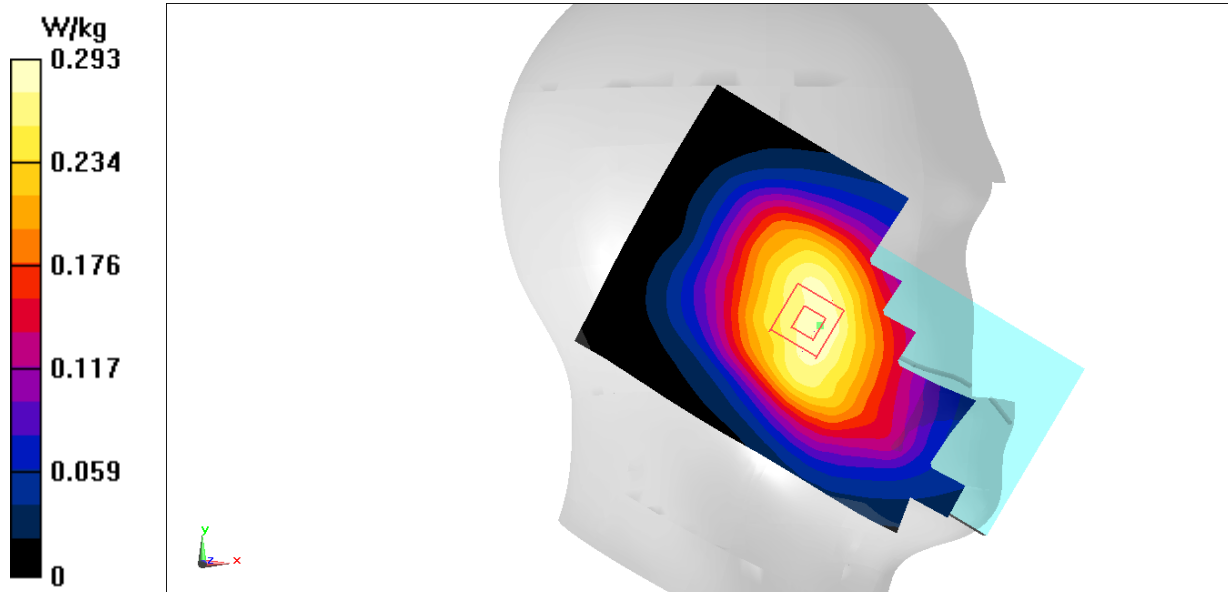
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.710 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.201 W/kg

Maximum value of SAR (measured) = 0.295 W/kg



WCDMA850 Body ANT0

Date: 9/26/2022

Electronics: DAE4 Sn777

Medium: H700-6000M(All3)

Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.916 \text{ S/m}$; $\epsilon_r = 43.038$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: WCDMA 850 846.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.977 W/kg

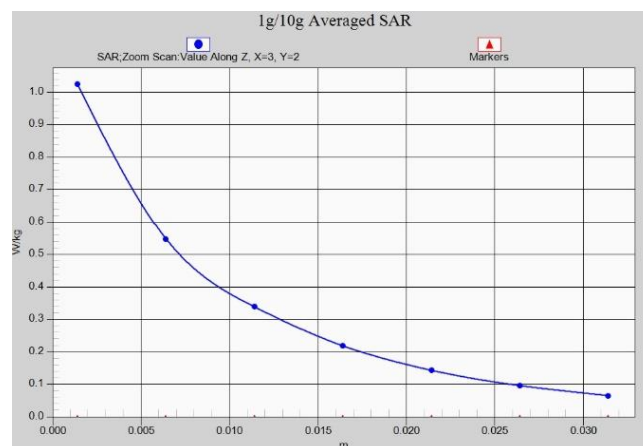
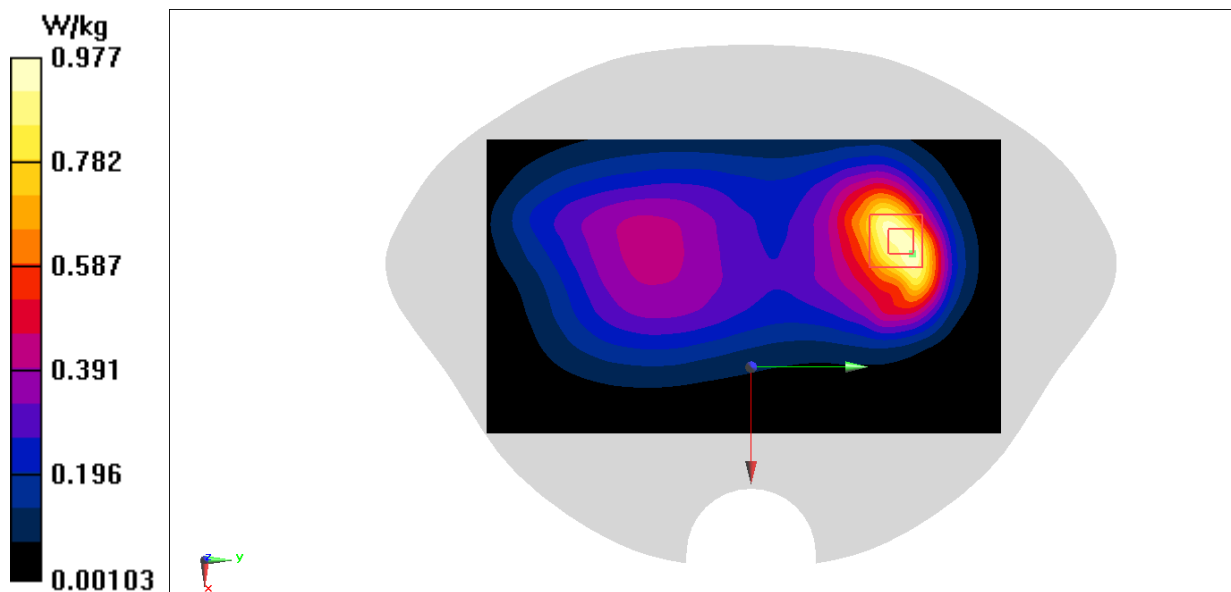
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.53 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.402 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



WCDMA1700 Head ANT4 DSI1

Date: 10/17/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.329$ S/m; $\epsilon_r = 40.877$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: WCDMA1700(B4) 1752.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.93, 8.93, 8.93)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

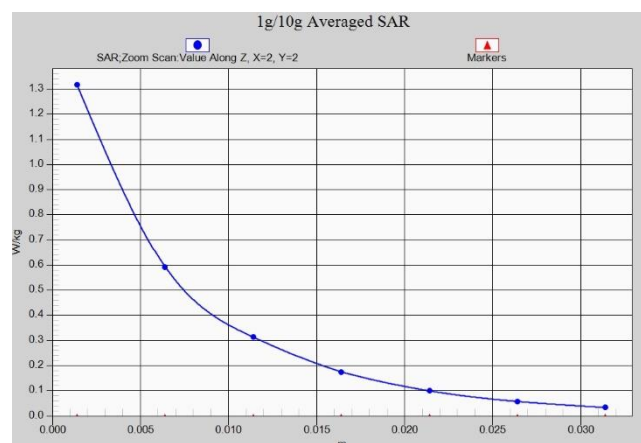
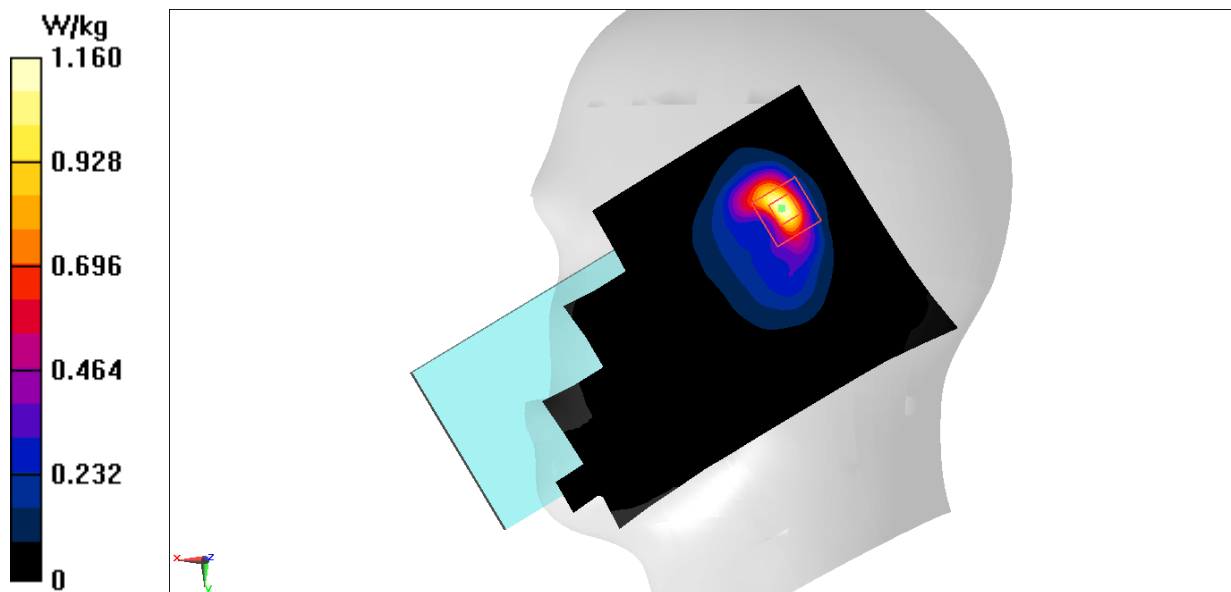
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.07 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.347 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



WCDMA1700 Body ANT4 DSI0

Date: 10/17/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 1732.4$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 40.947$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: WCDMA 1700 Band4 1732.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.93, 8.93, 8.93)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.691 W/kg

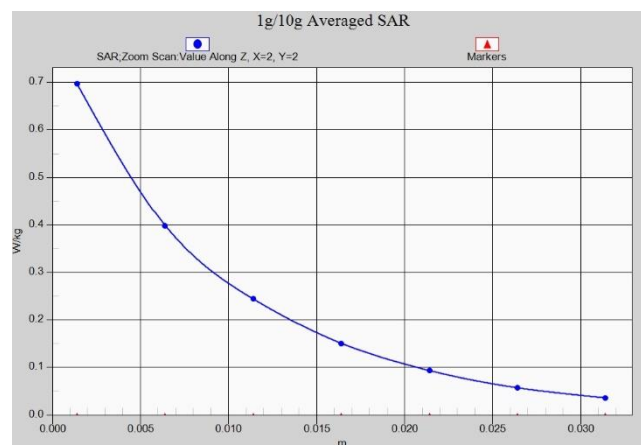
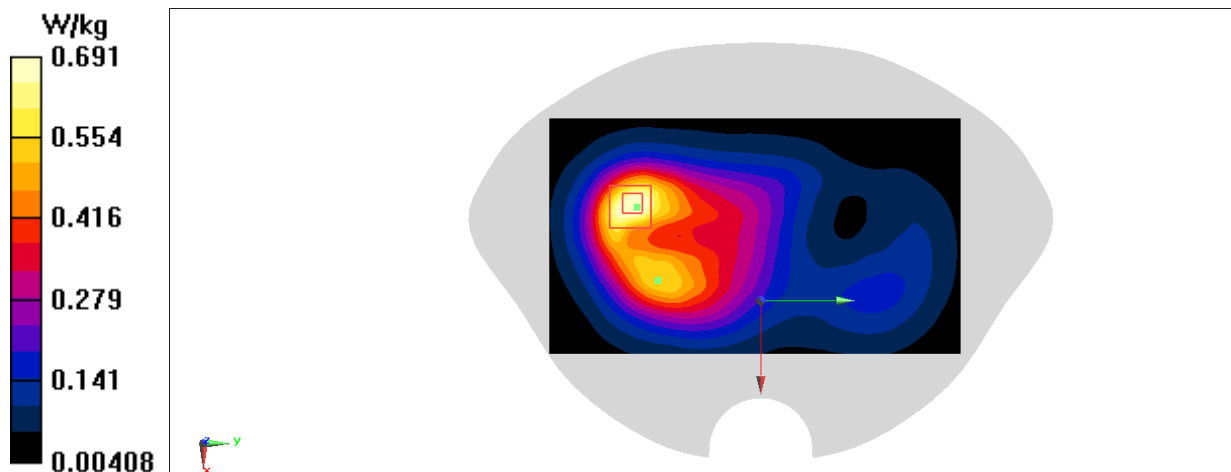
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.58 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.847 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (measured) = 0.697 W/kg



WCDMA1900 Head ANT4 DSI1

Date: 10/18/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.465$ S/m; $\epsilon_r = 40.212$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: WCDMA1900(B2) 1907.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

Area Scan (81x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.21 W/kg

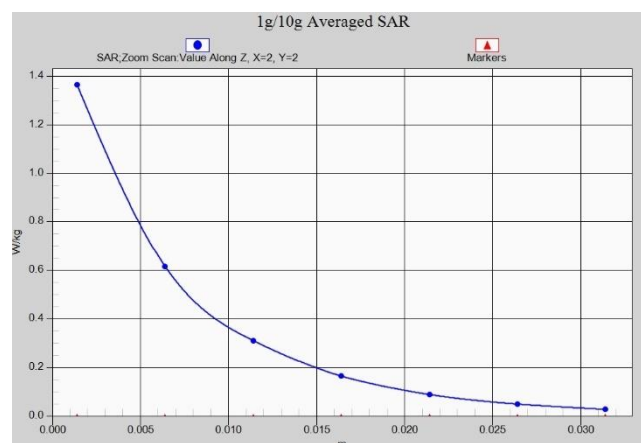
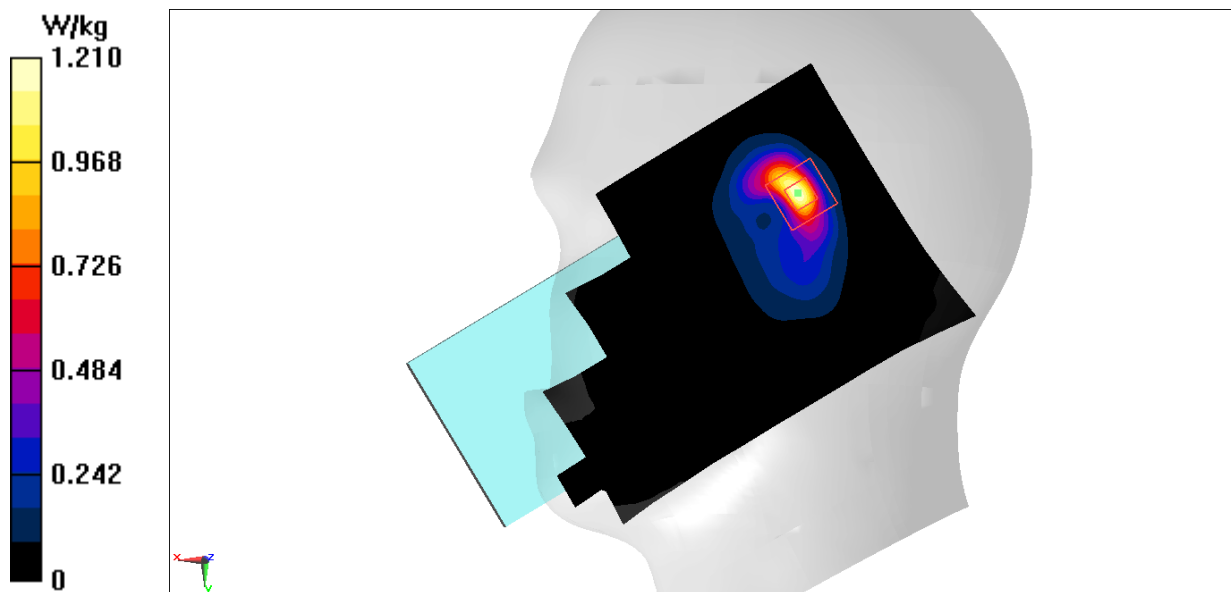
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.14 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.335 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



WCDMA1900 Body ANT4 DSI0

Date: 10/18/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.465$ S/m; $\epsilon_r = 40.212$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: WCDMA1900(B2) 1907.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.771 W/kg

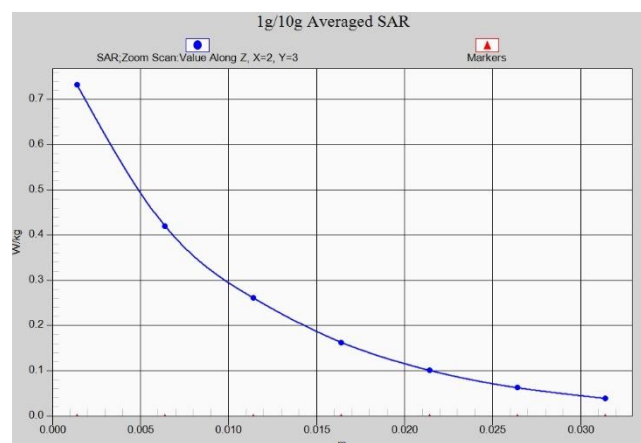
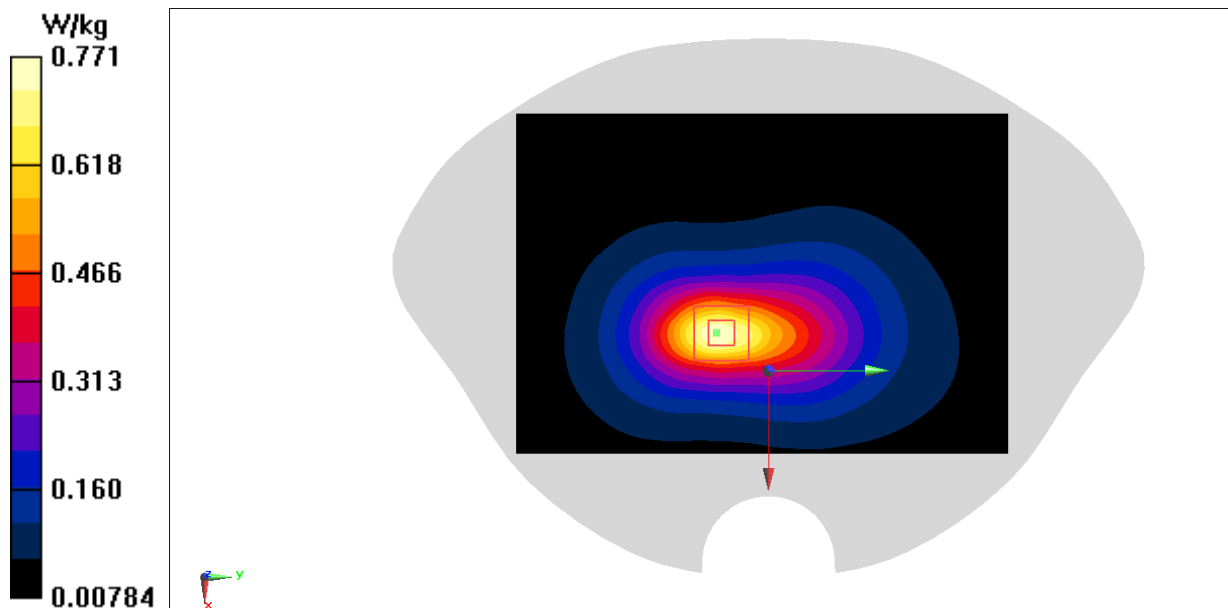
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.52 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.925 W/kg

SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.733 W/kg



LTE B2 Head ANT4 DSI1

Date: 10/18/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.462$ S/m; $\epsilon_r = 40.317$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band2 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

Area Scan (91x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

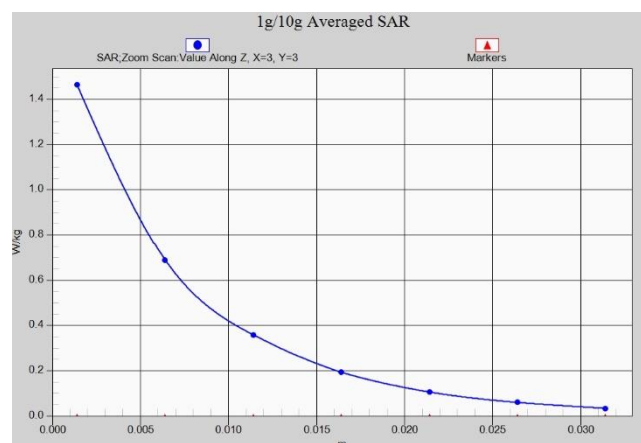
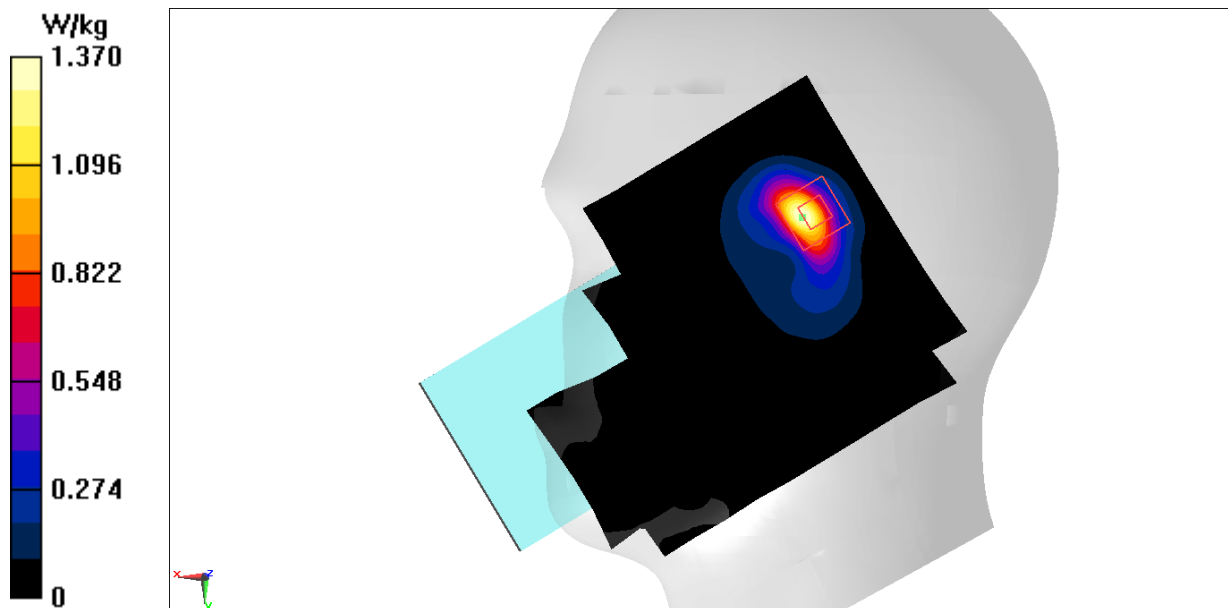
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.45 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.365 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



LTE B2 Body ANT4 DSI2

Date: 10/18/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.48$ S/m; $\epsilon_r = 40.237$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band2 1900 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.40 W/kg

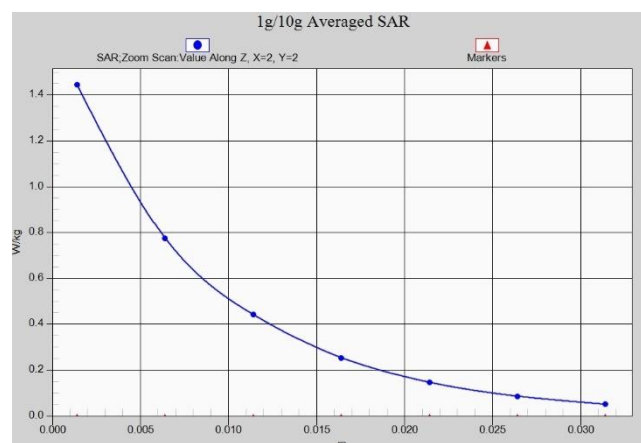
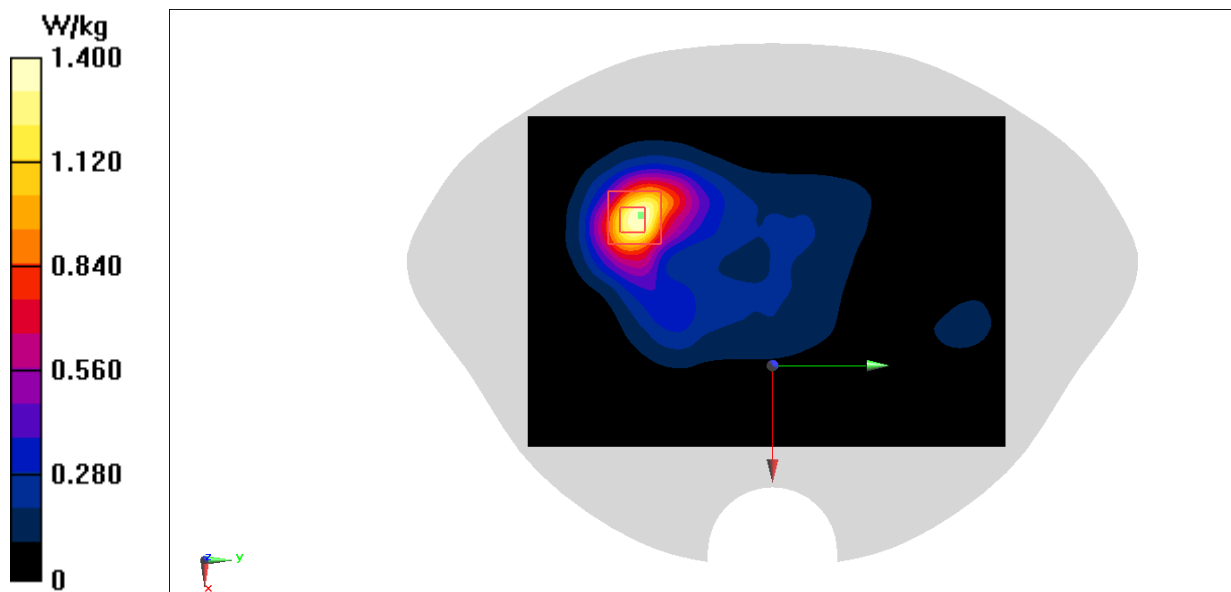
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.78 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.481 W/kg

Maximum value of SAR (measured) = 1.44 W/kg



LTE B4 Head ANT4 DSI1

Date: 10/17/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 41.829$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band4 1732.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.93, 8.93, 8.93)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.11 W/kg

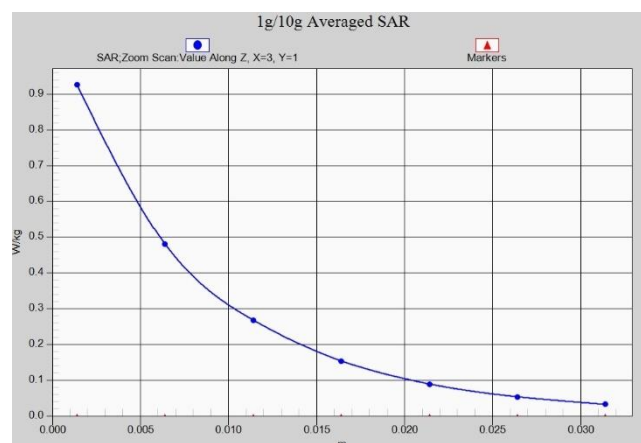
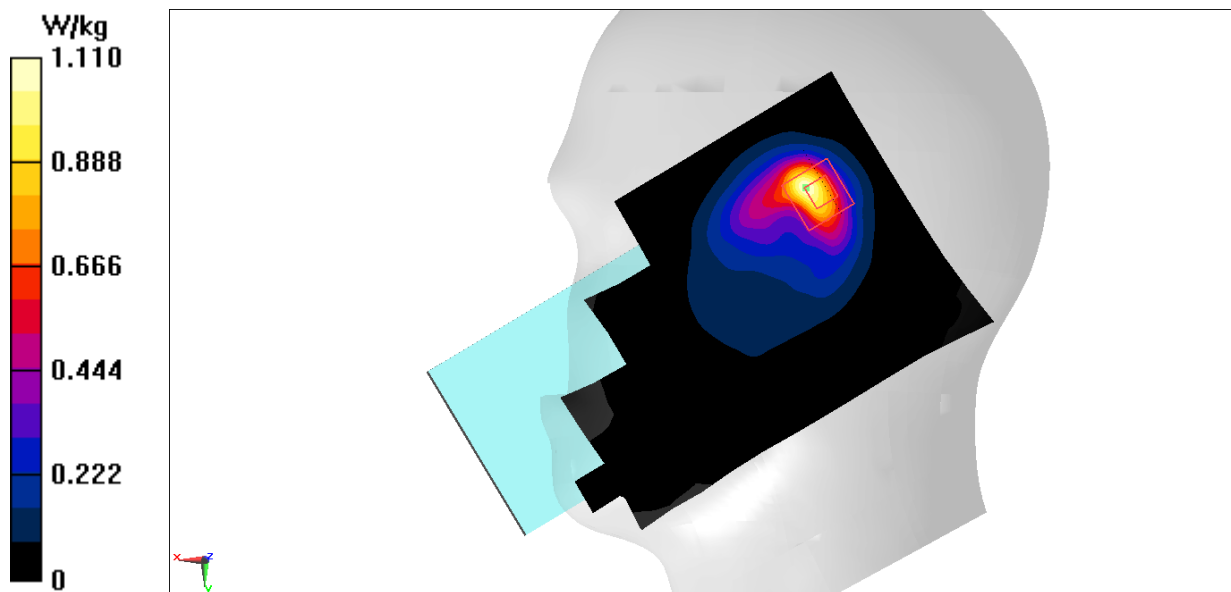
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.39 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.304 W/kg

Maximum value of SAR (measured) = 0.926 W/kg



LTE B4 Body ANT4 DSI2

Date: 10/17/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 41.829$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band4 1732.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.93, 8.93, 8.93)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

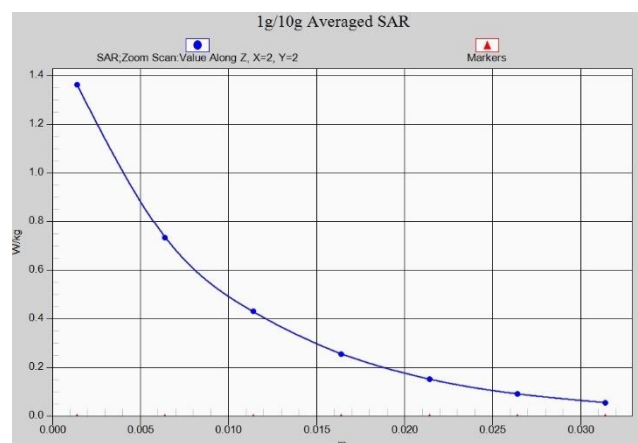
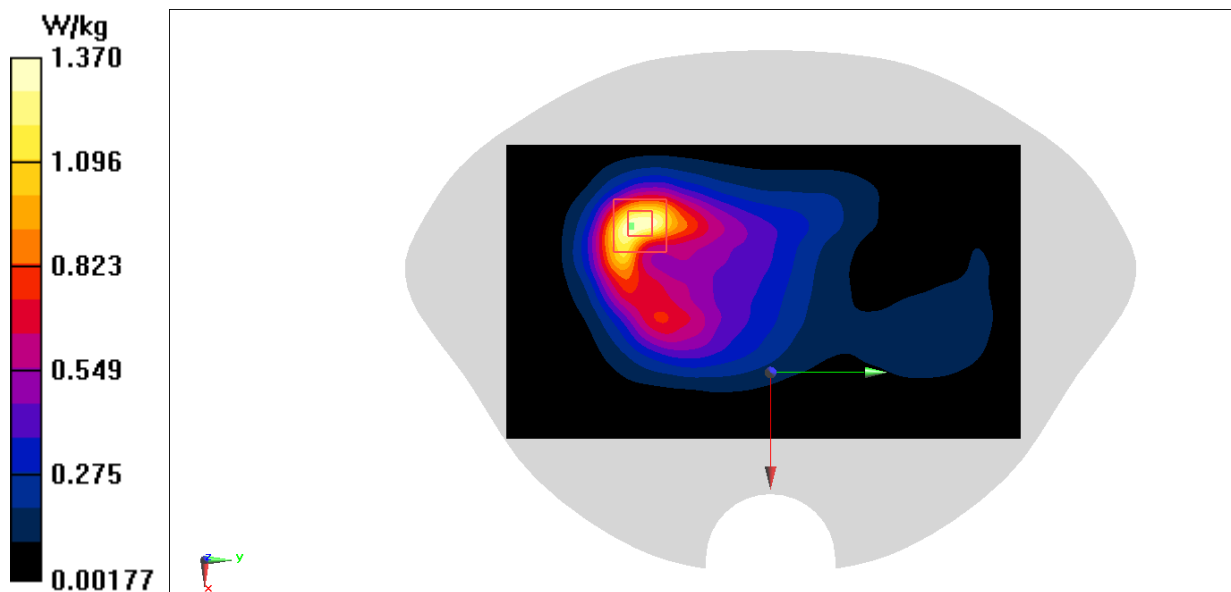
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.86 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.482 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



LTE B5 Head ANT0

Date: 9/26/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.916 \text{ S/m}$; $\epsilon_r = 42.986$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band5 844 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (81x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.359 W/kg

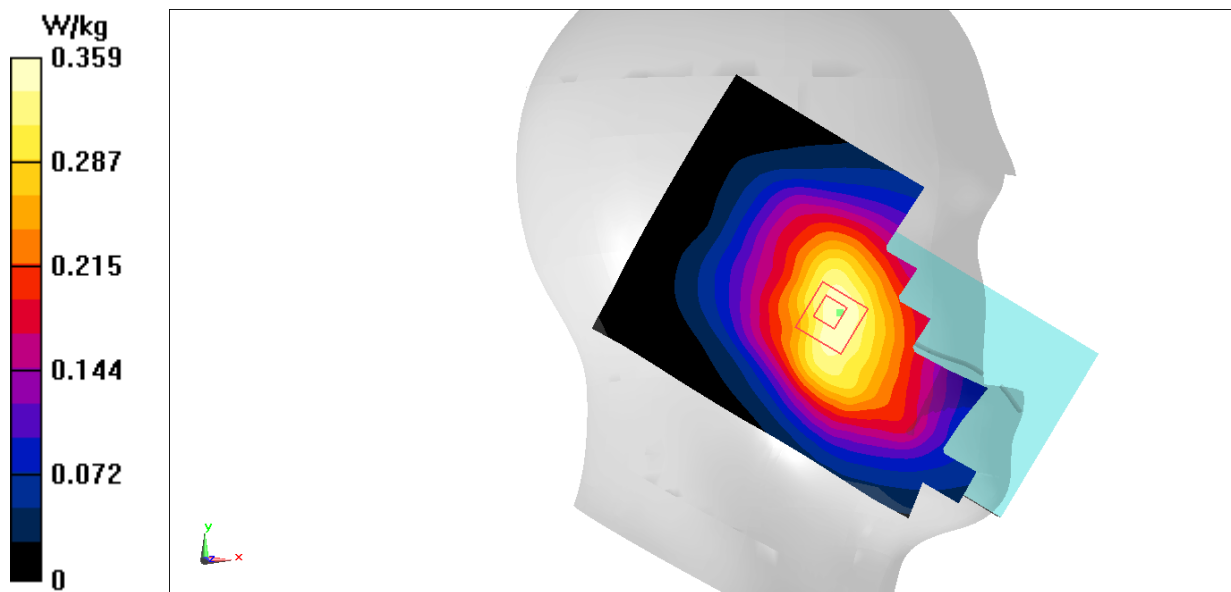
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.914 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.377 W/kg



LTE B5 Body ANT0

Date: 9/26/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.916 \text{ S/m}$; $\epsilon_r = 42.986$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band5 844 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.12 W/kg

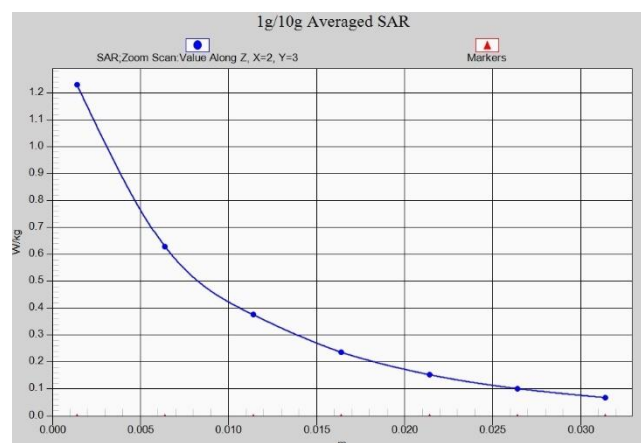
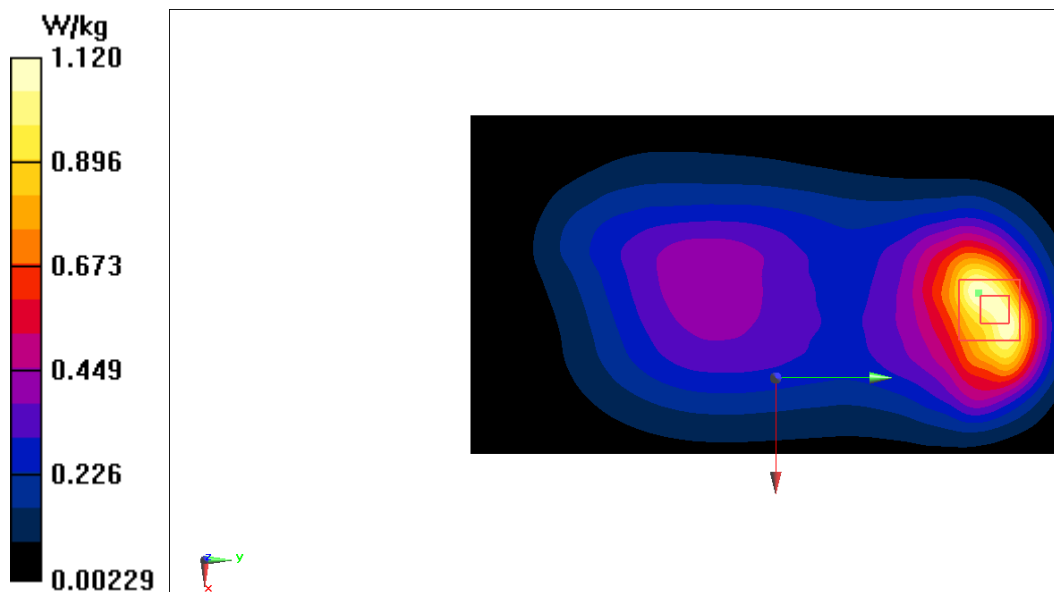
Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.57 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.465 W/kg

Maximum value of SAR (measured) = 1.23 W/kg



LTE B7 Head ANT0 DSI0

Date: 10/22/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 38.669$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band7-20M 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

Area Scan (101x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.143 W/kg

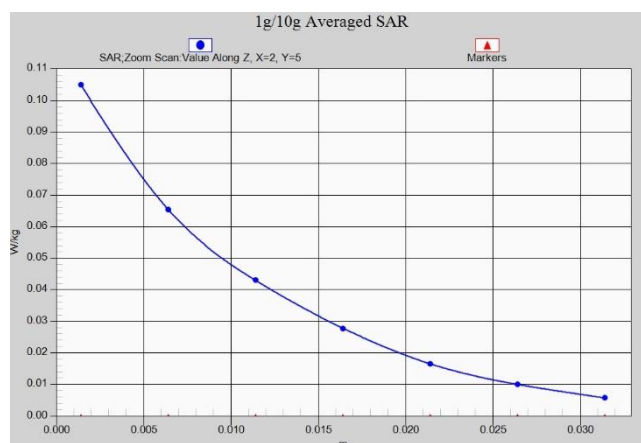
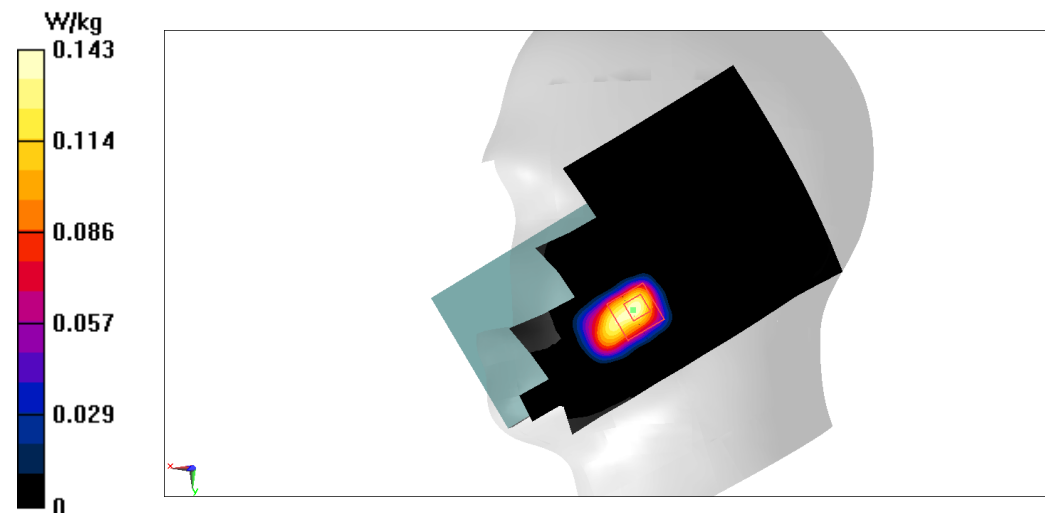
Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.711 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.105 W/kg



LTE B7 Body ANT0 DSI2

Date: 10/22/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.924$ S/m; $\epsilon_r = 38.739$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band7-20M 2535 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

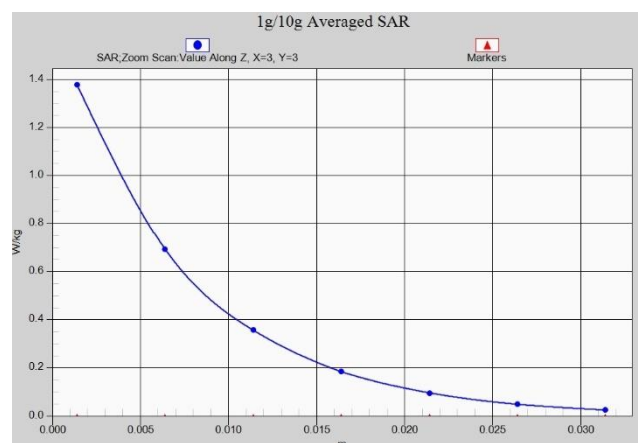
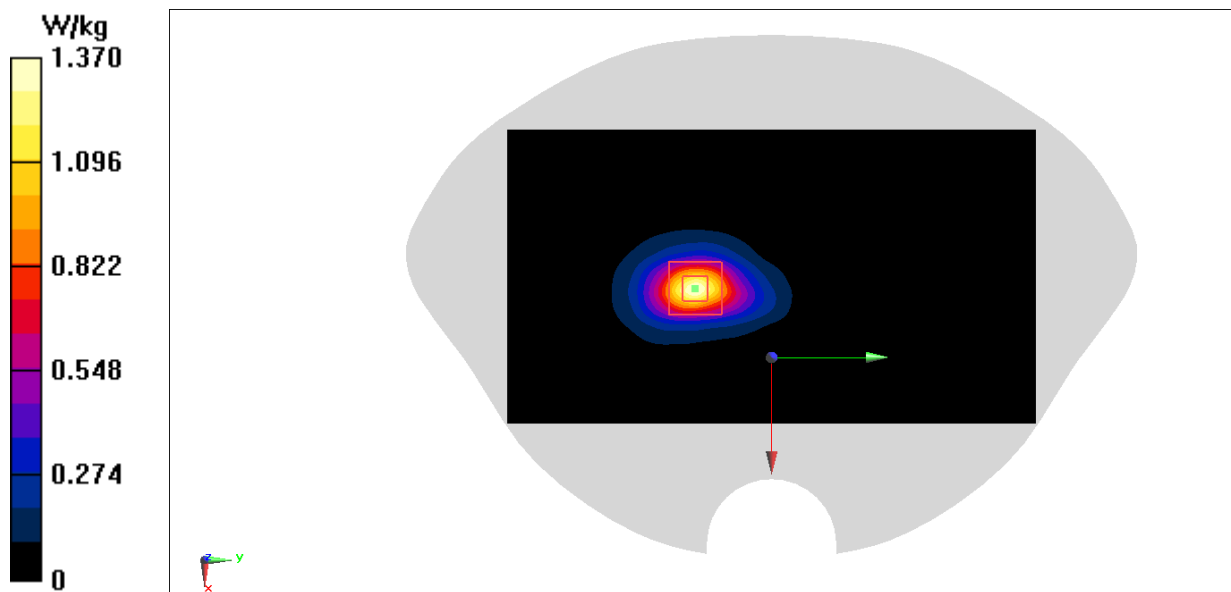
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.505 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.829 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 1.38 W/kg



LTE B12 Head ANT0

Date: 9/25/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.843$ S/m; $\epsilon_r = 43.351$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band12 707.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.233 W/kg

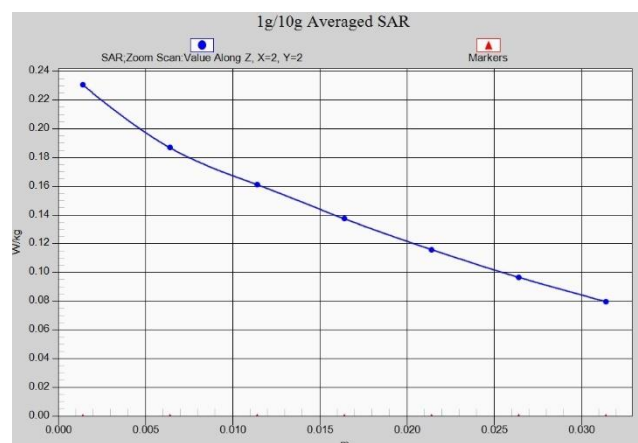
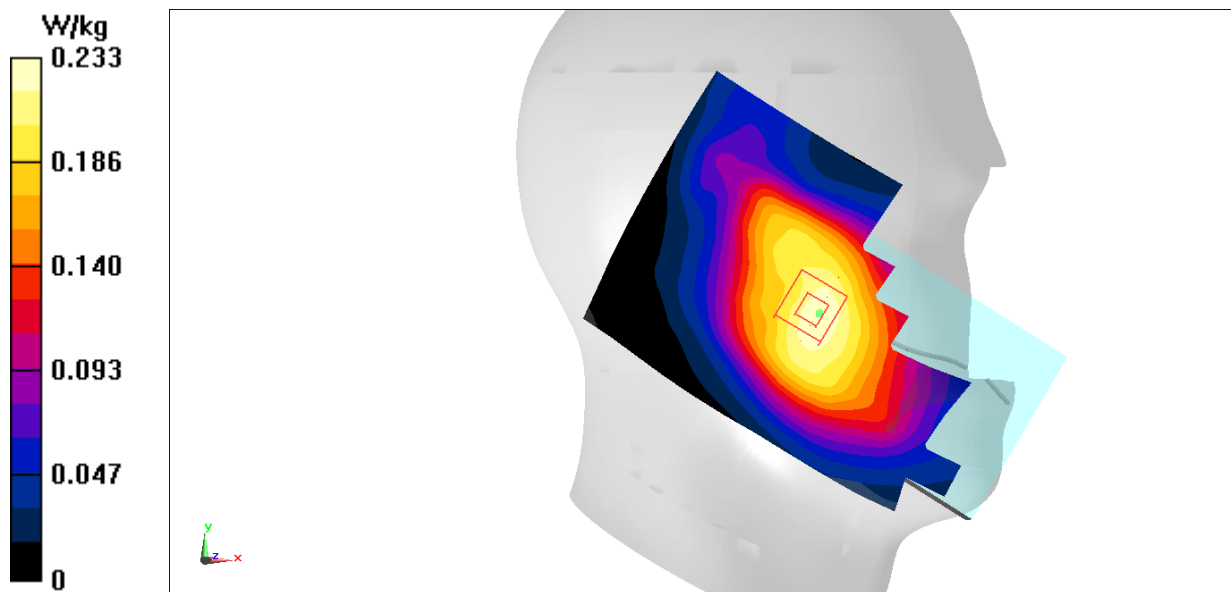
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.108 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.231 W/kg



LTE B12 Body ANT0

Date: 9/25/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.845 \text{ S/m}$; $\epsilon_r = 43.331$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band12 711 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.416 W/kg

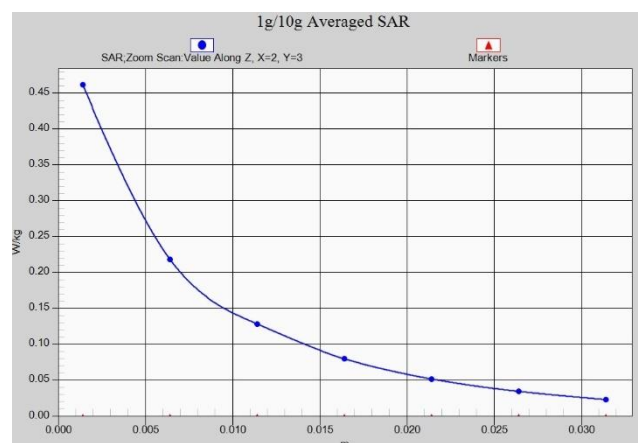
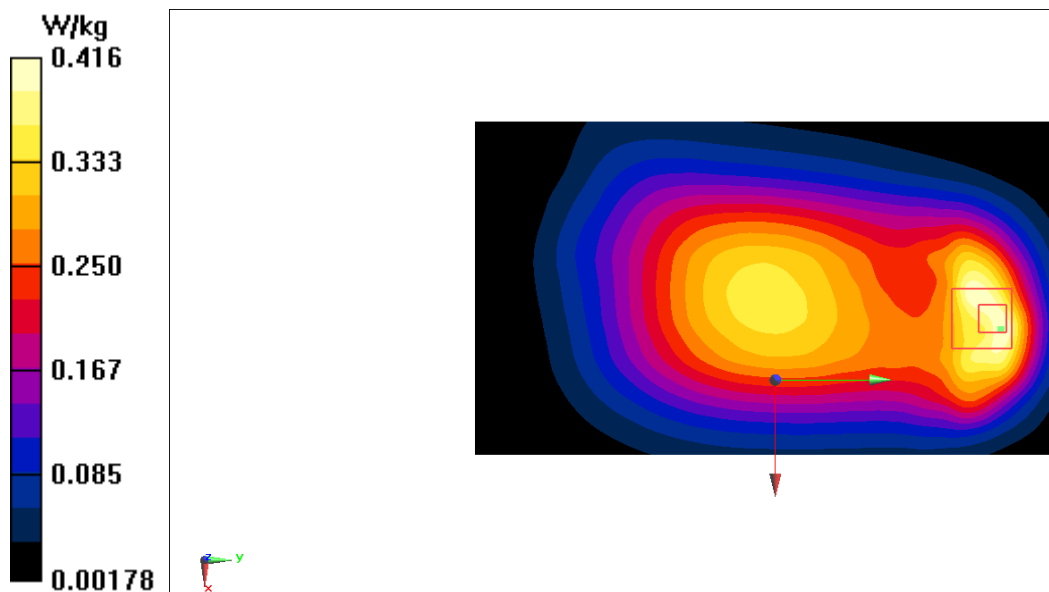
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.74 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.612 W/kg

SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.462 W/kg



LTE B13 Head ANT0

Date: 9/25/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.856 \text{ S/m}$; $\epsilon_r = 44.296$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band13 782 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (81x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.308 W/kg

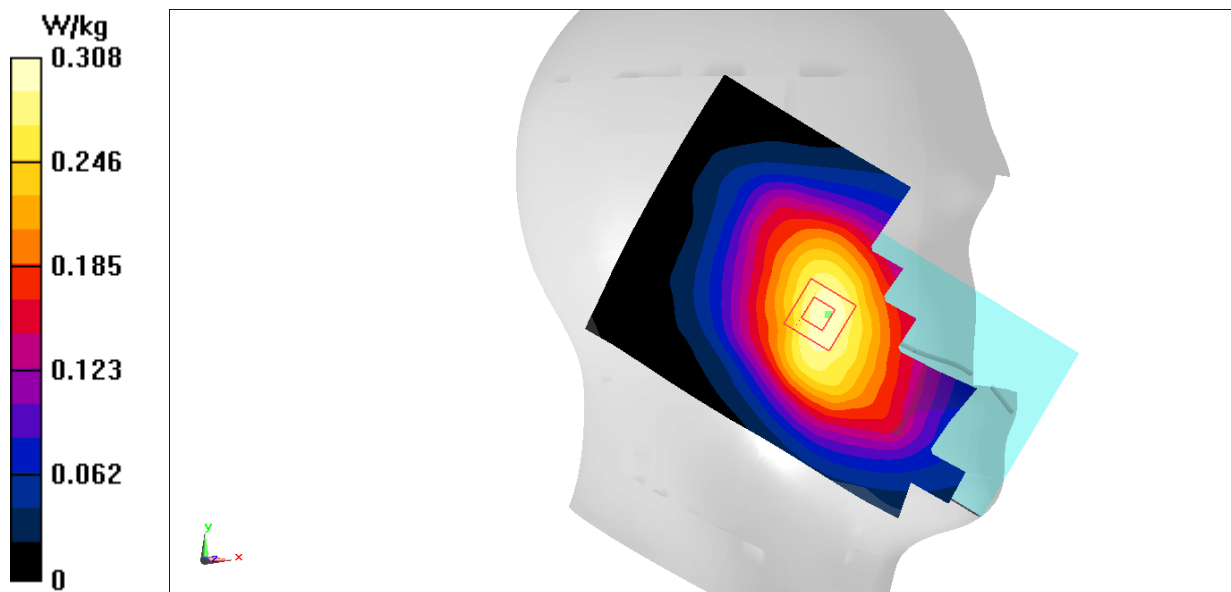
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.408 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 0.314 W/kg



LTE B13 Body ANT0

Date: 9/25/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.856 \text{ S/m}$; $\epsilon_r = 44.296$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band13 782 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.718 W/kg

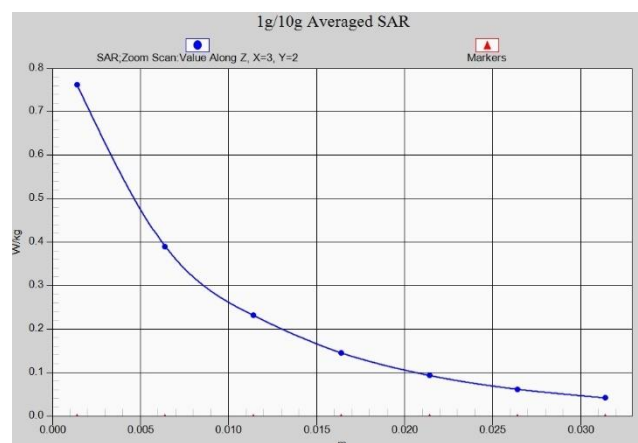
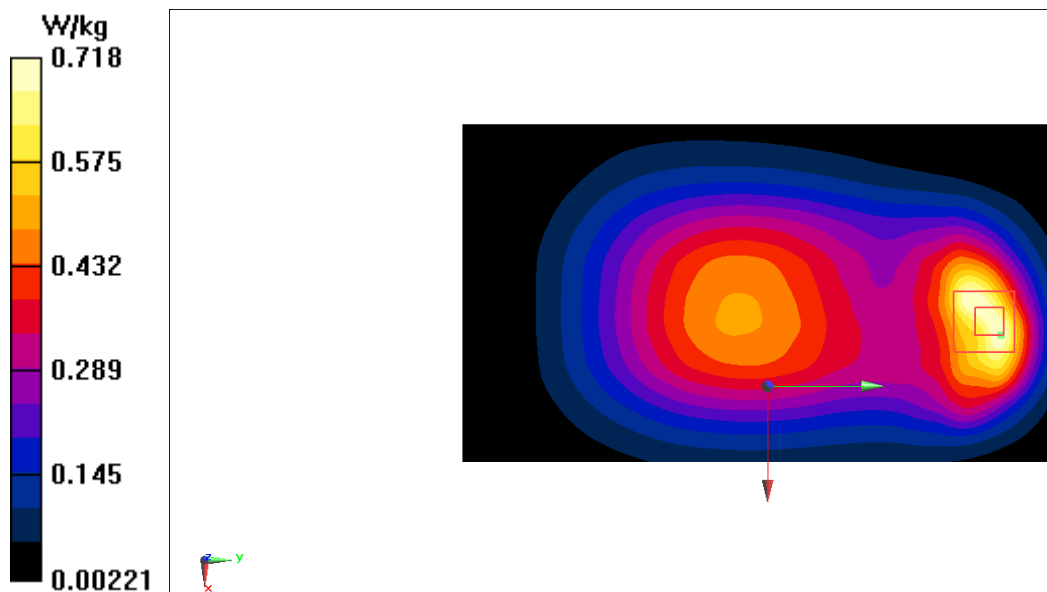
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.49 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.285 W/kg

Maximum value of SAR (measured) = 0.762 W/kg



LTE B14 Head ANT0

Date: 9/25/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.86 \text{ S/m}$; $\epsilon_r = 44.223$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band14 793 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (101x151x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.341 W/kg

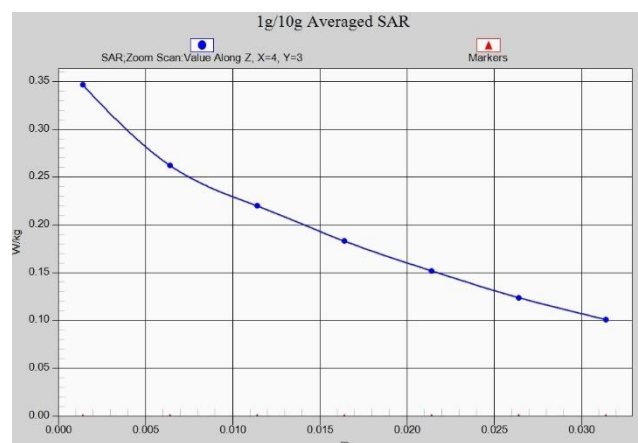
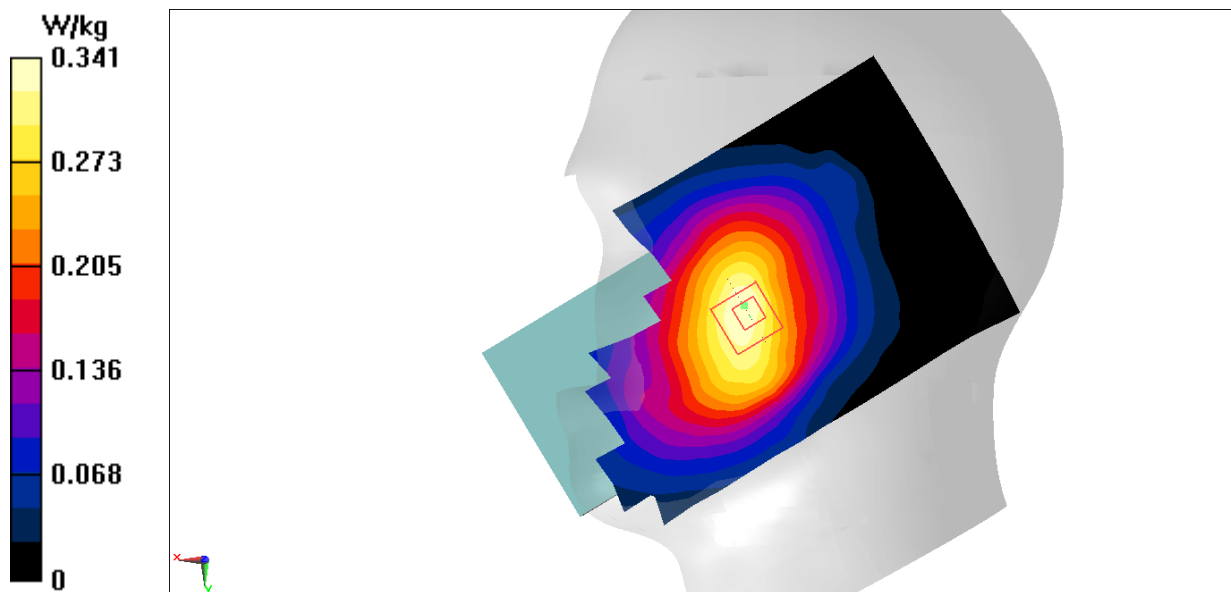
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.644 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.222 W/kg

Maximum value of SAR (measured) = 0.346 W/kg



LTE B14 Body ANT0

Date: 9/25/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.86 \text{ S/m}$; $\epsilon_r = 44.223$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band14 793 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.792 W/kg

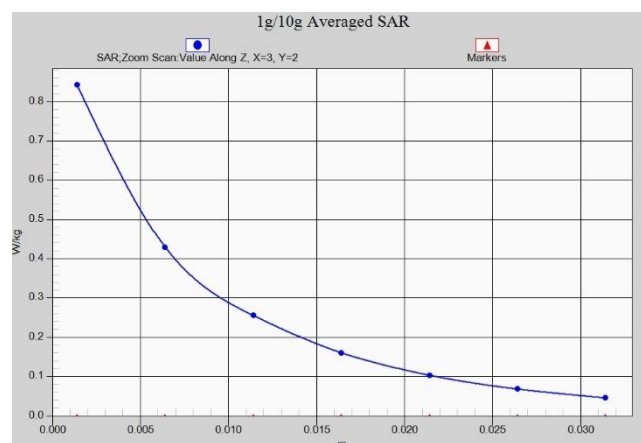
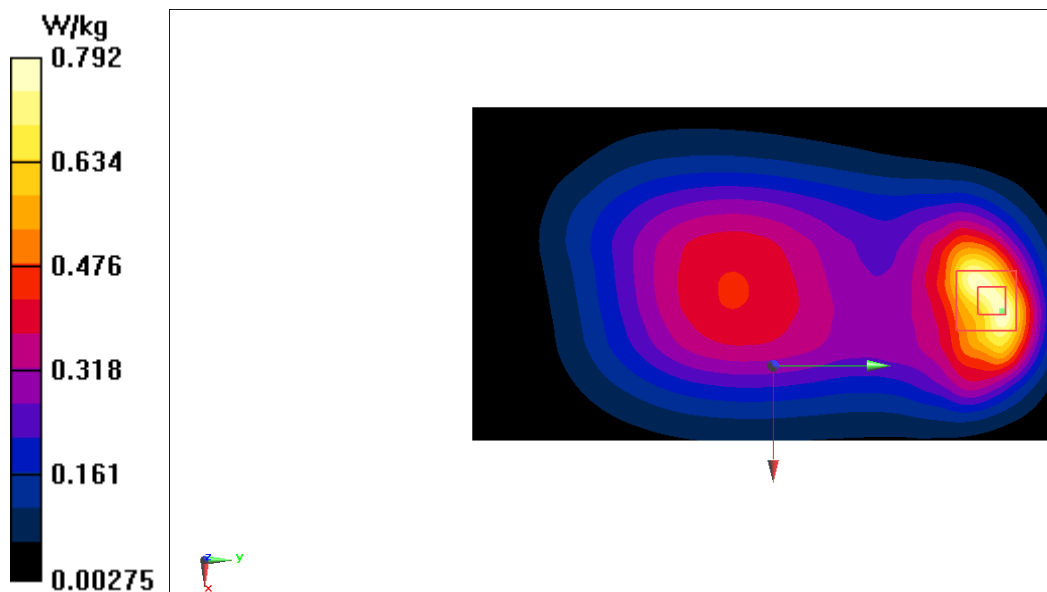
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.92 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.312 W/kg

Maximum value of SAR (measured) = 0.843 W/kg



LTE B25 Head ANT4 DSI1

Date: 10/29/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 1905$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 39.541$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band25 1905 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.53 W/kg

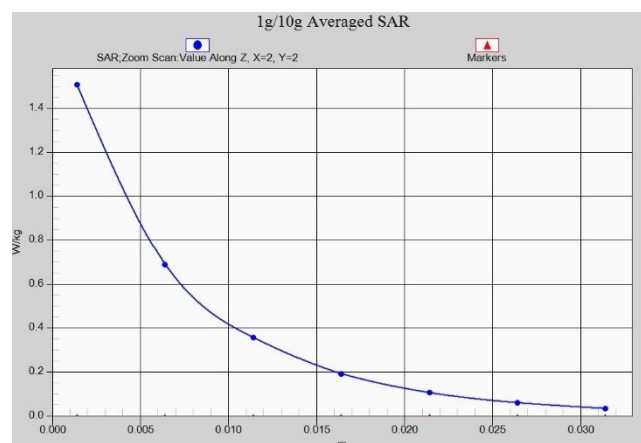
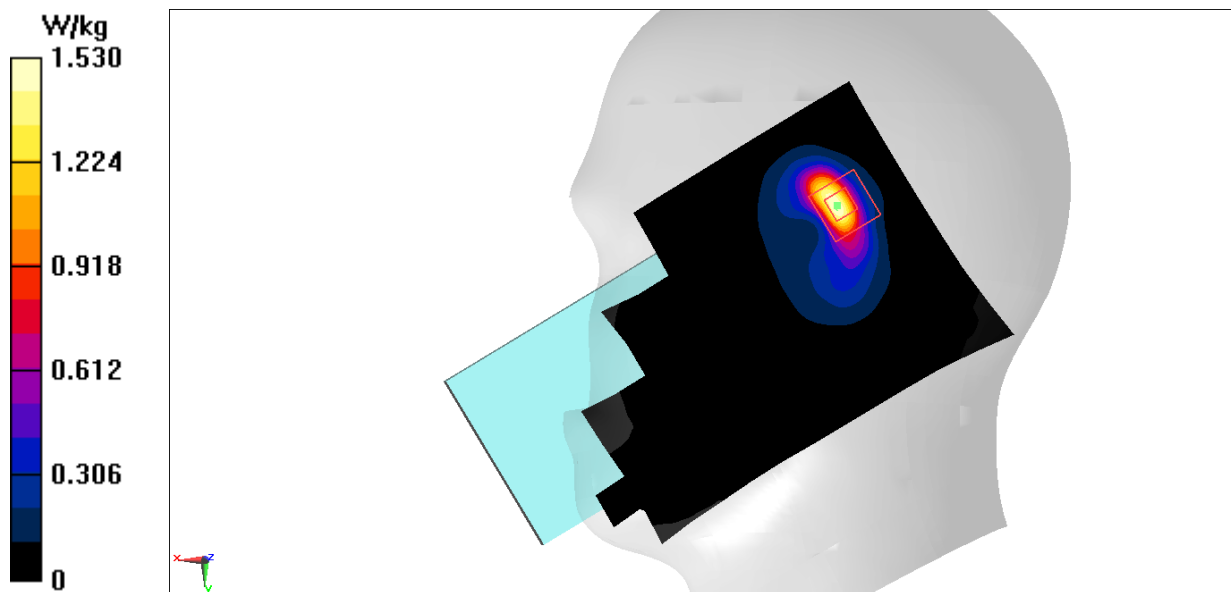
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.70 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.390 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



LTE B25 Body ANT4 DSI0

Date: 10/29/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 1905$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 39.541$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band25 1905 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

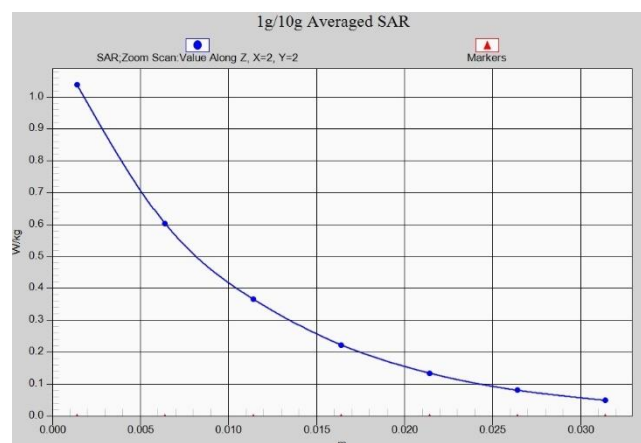
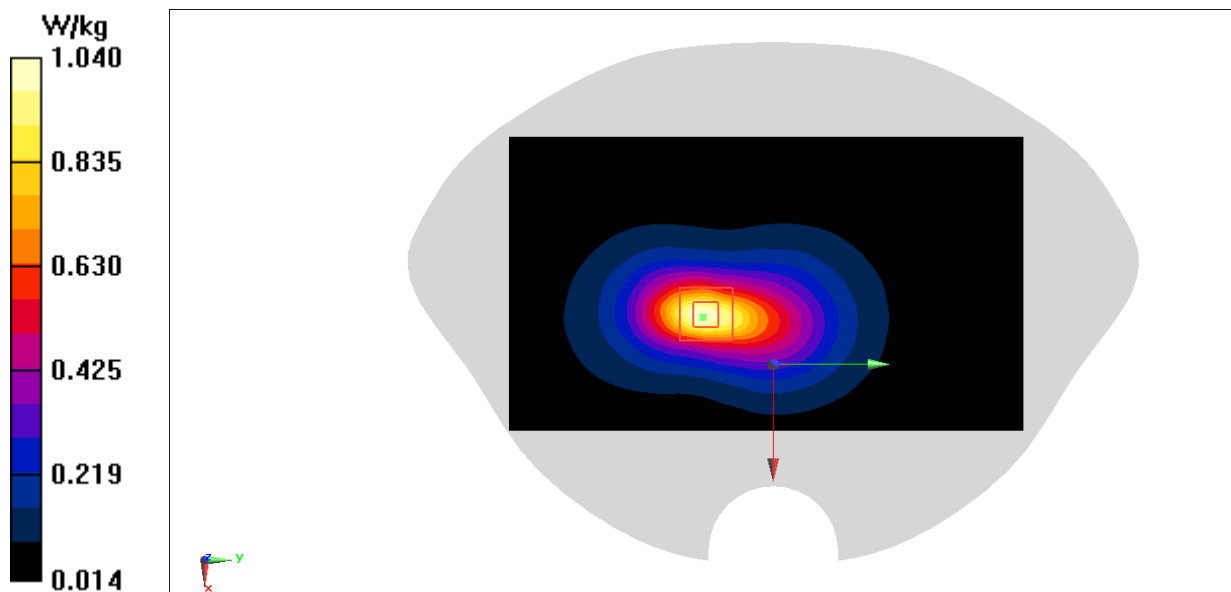
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.13 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.395 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



LTE B26 Head ANT0

Date: 9/26/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 841.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 43.193$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band26 841.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.358 W/kg

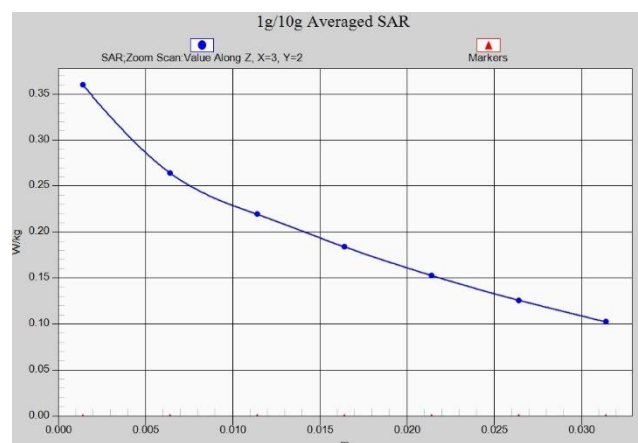
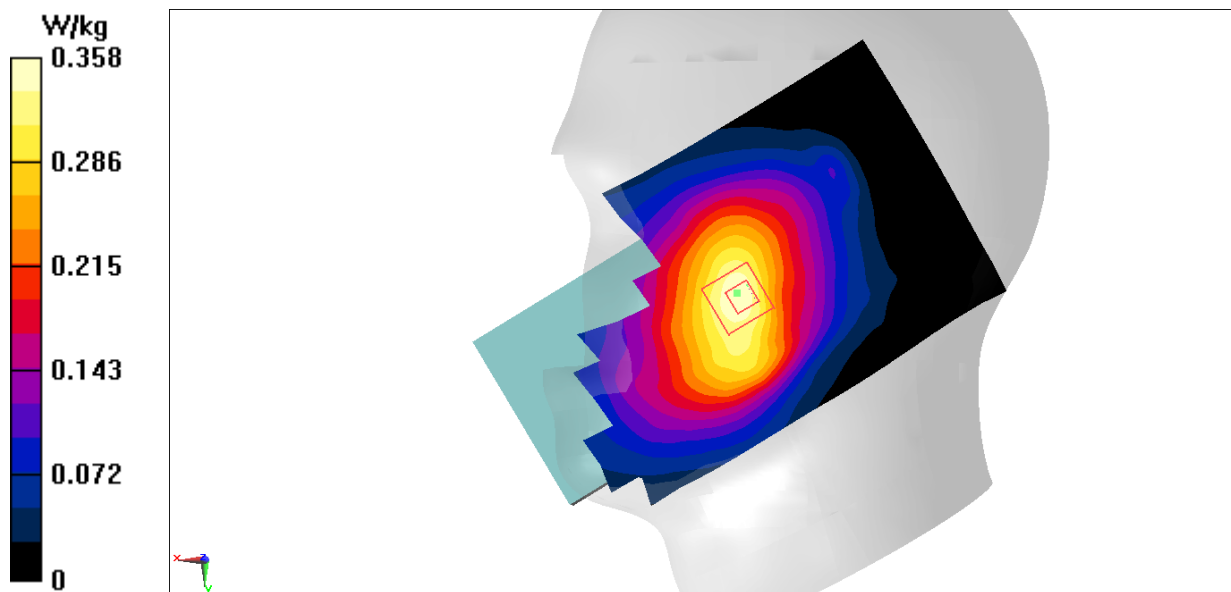
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.881 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.360 W/kg



LTE B26 Body ANT0

Date: 9/26/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 841.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 43.193$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band26 841.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

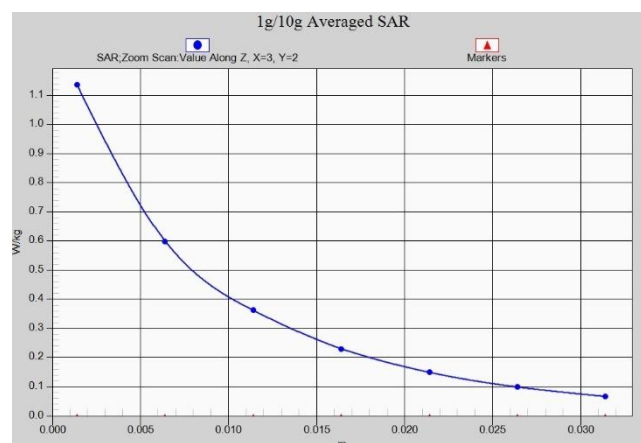
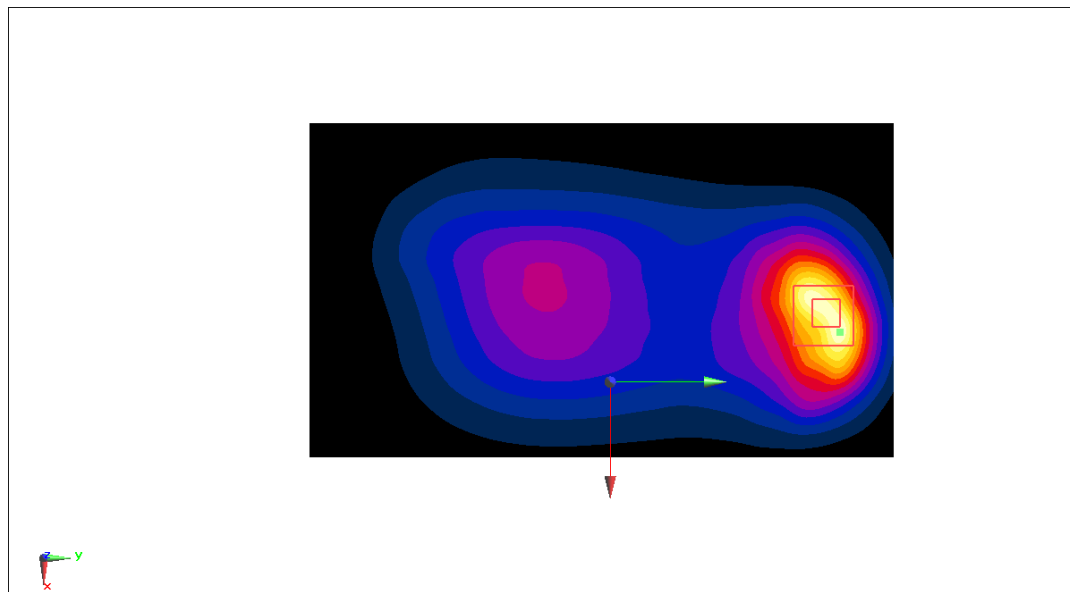
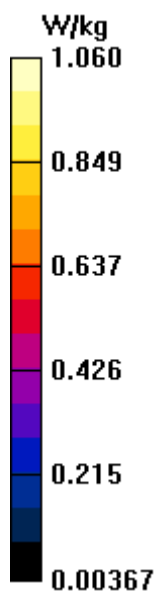
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.52 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.428 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



LTE B30 Head ANT4 DSI1

Date: 10/21/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.672$ S/m; $\epsilon_r = 40.684$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band30 2310 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.14, 8.14, 8.14)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.27 W/kg

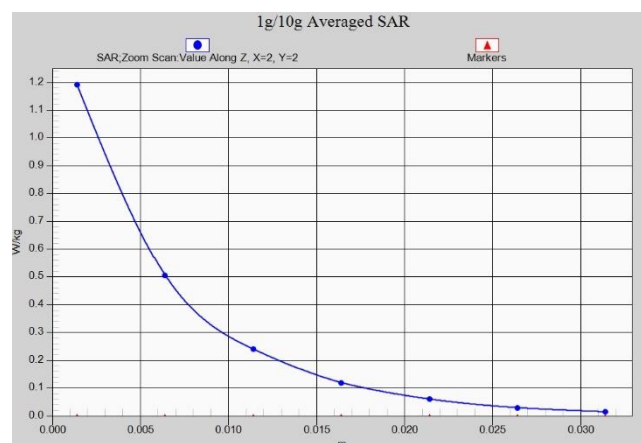
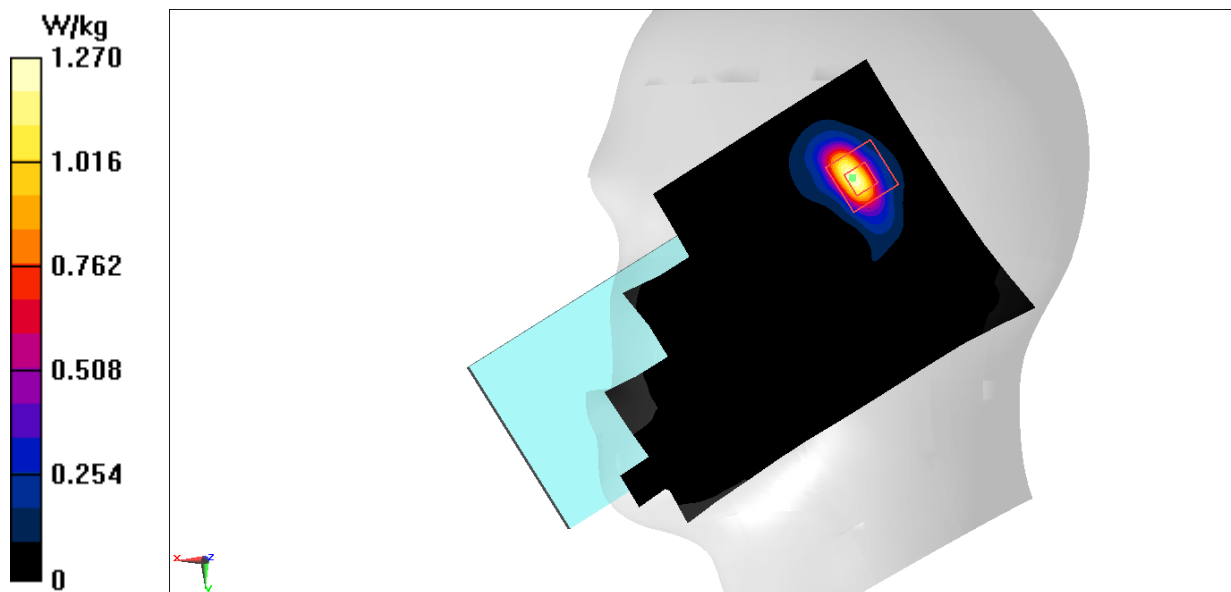
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.907 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



LTE B30 Body ANT4 DSI2

Date: 10/21/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.672$ S/m; $\epsilon_r = 40.684$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band30 2310 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.14, 8.14, 8.14)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.848 W/kg

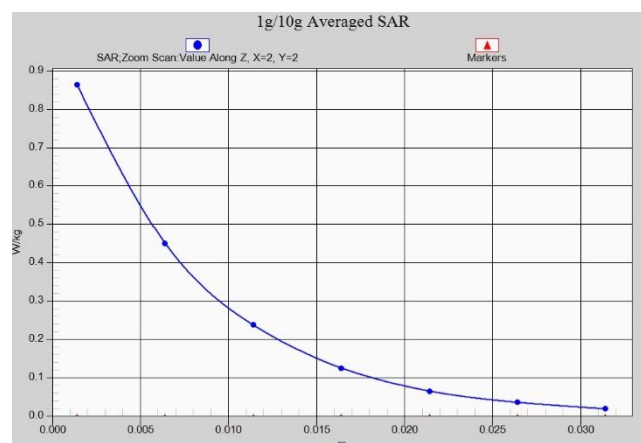
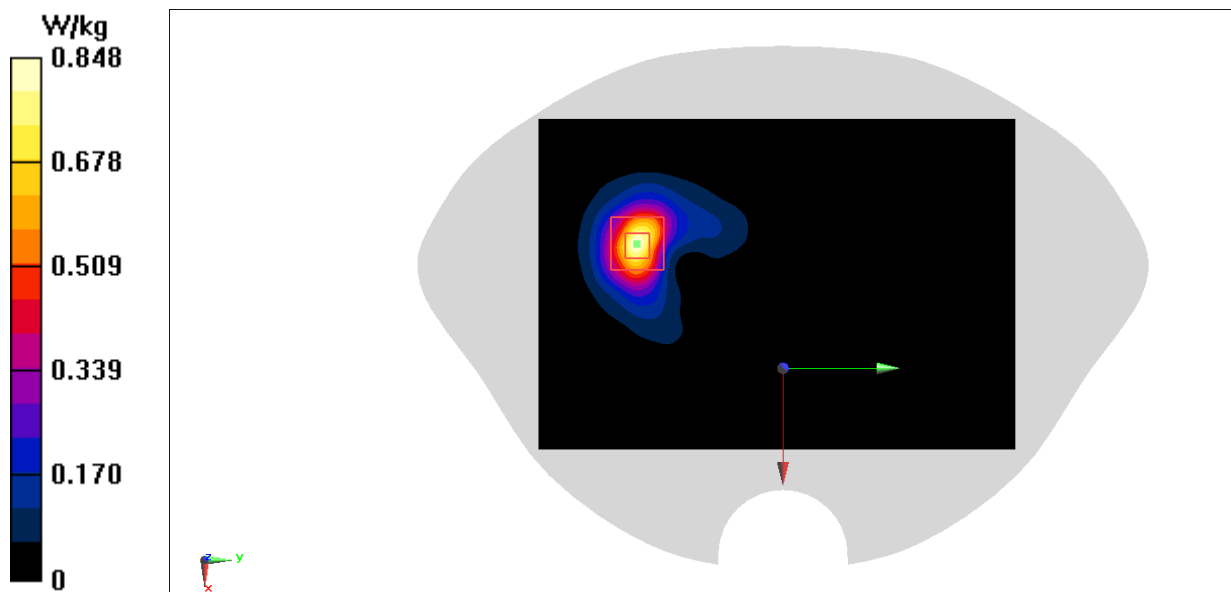
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.533 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.246 W/kg

Maximum value of SAR (measured) = 0.864 W/kg



LTE B38 Head ANT4 DSI1

Date: 10/22/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 2595$ MHz; $\sigma = 1.979$ S/m; $\epsilon_r = 38.61$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band38 2595 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

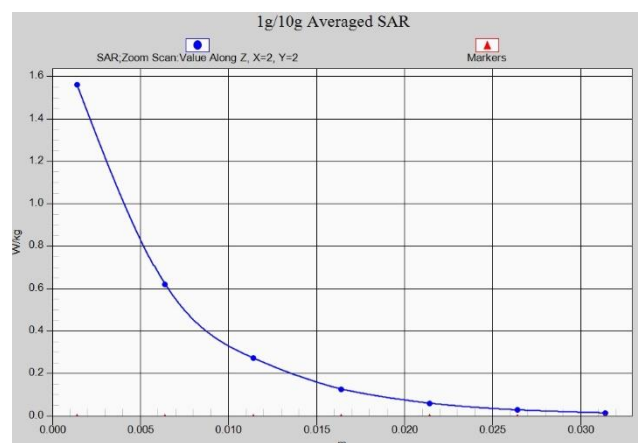
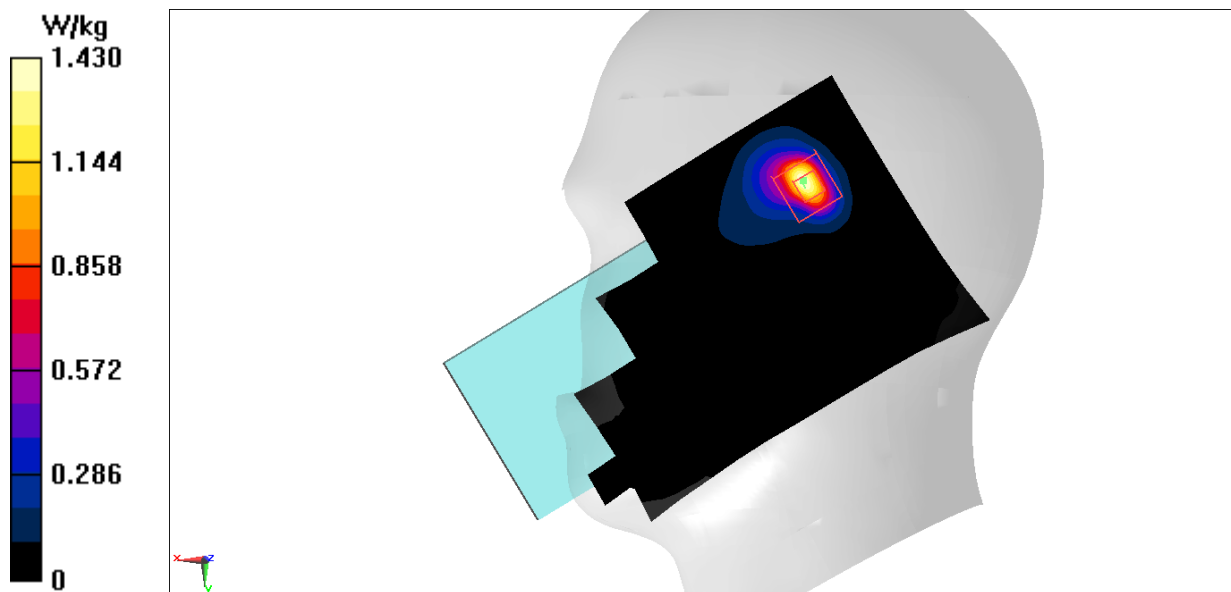
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.936 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 1.56 W/kg



LTE B38 Body ANT4 DSI2

Date: 10/22/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 2580$ MHz; $\sigma = 1.967$ S/m; $\epsilon_r = 38.64$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band38 2580 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

Area Scan (111x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.934 W/kg

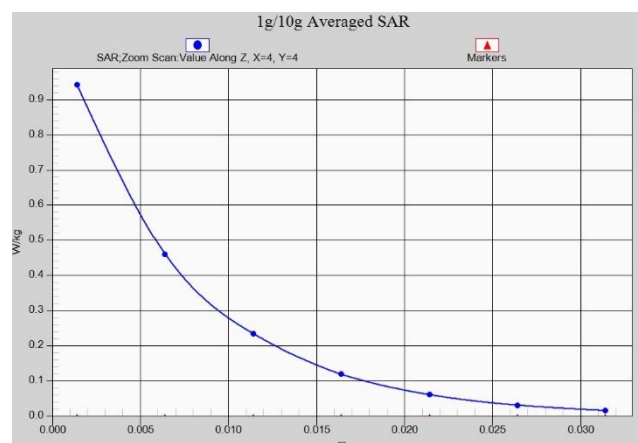
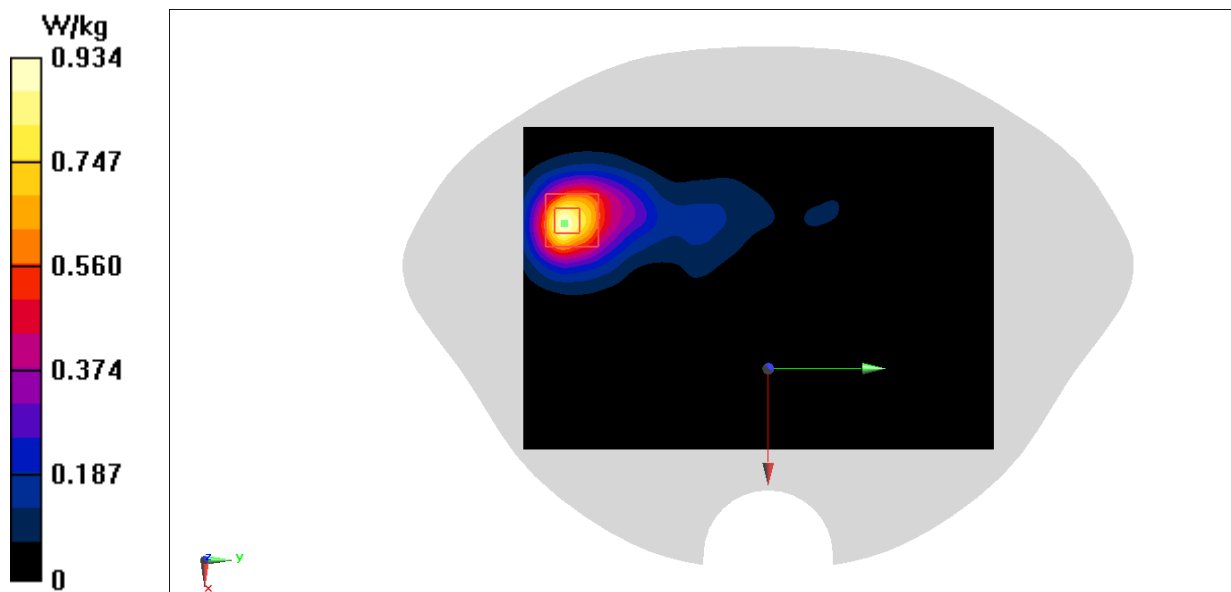
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.322 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.943 W/kg



LTE B41 PC3 Head ANT4 DSI1

Date: 10/23/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 2680$ MHz; $\sigma = 2.097$ S/m; $\epsilon_r = 38.854$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band41 2680 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.32 W/kg

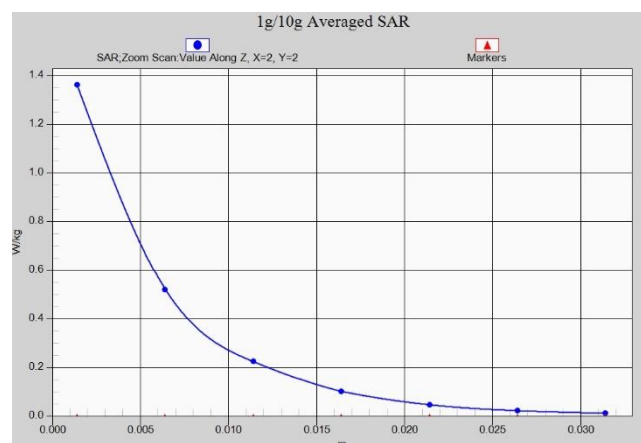
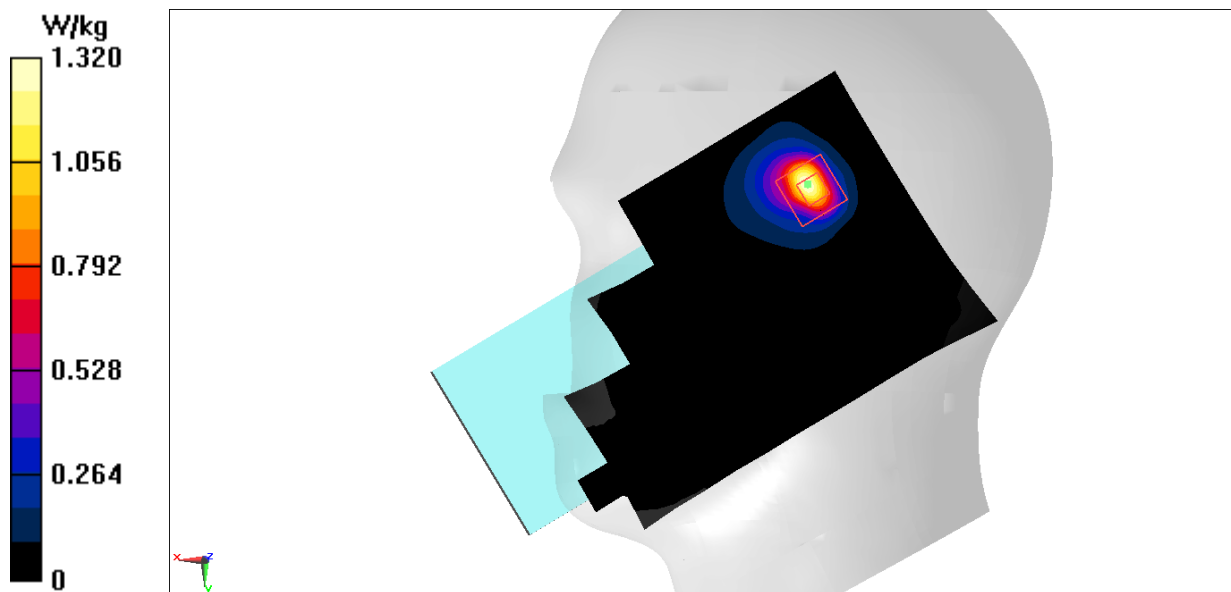
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.581 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.295 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



LTE B41 PC3 Body ANT4 DSI2

Date: 10/23/2022

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: $f = 2680$ MHz; $\sigma = 2.097$ S/m; $\epsilon_r = 38.854$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: LTE Band41 2680 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.957 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 0.870 W/kg

