



SAR TEST REPORT

No. 25T04Z100116-015

For

Guangdong OPPO Mobile Telecommunications Corp., Ltd.

Mobile Phone

Model Name: CPH2735

with

Hardware Version: 11

Software Version: ColorOS 15.0

FCC ID: R9C-OP24314

Issued Date: 2025-03-13

Note:

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

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No. 25T04Z100116-015

REPORT HISTORY

Report Number	Revision	Issue Date	Description
25T04Z100116-015	Rev.0	2025-03-07	Initial creation of test report
25T04Z100116-015	Rev.1	2025-03-13	Update the information on section 2.

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1 Test Laboratory

1.1. Introduction & Accreditation

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

1.2. Testing Location

Location 1: CTTL(huayuan North Road)

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

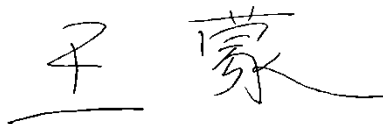
1.3. Testing Environment

Normal Temperature: 18-25°C
Relative Humidity: 30-70%

1.4. Project data

Testing Start Date: 2025-02-09
Testing End Date: 2025-03-04

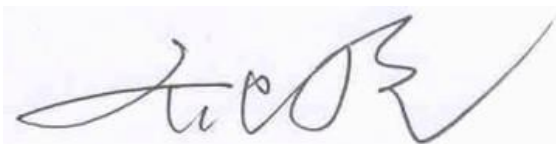
1.5. Signature



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Lin Jun
(Reviewed this test report)



Qi Dianyuan
Deputy Director of the laboratory
(Approved this test report)

2 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for Guangdong OPPO Mobile Telecommunications Corp., Ltd. Mobile Phone CPH2735 are as follows:

Table 2.1: Highest Reported SAR (1g)

Mode		Antenna	Highest Reported SAR (1g)		
			1g SAR Head	1g SAR Hotspot	1g SAR Body-wron
GSM	GSM 850	ANT0	0.21	0.34	0.34
	GSM 850	ANT1	0.55	0.26	0.21
	GSM 900	ANT0	0.23	0.36	0.36
	GSM 900	ANT1	0.67	0.37	0.35
	PCS 1900	ANT0	0.08	0.63	0.43
	PCS 1900	ANT1	1.04	0.93	0.48
WCDMA	UMTS FDD 2	ANT0	0.18	0.79	0.54
	UMTS FDD 2	ANT1	0.85	0.71	0.39
	UMTS FDD 4	ANT0	0.12	0.24	0.24
	UMTS FDD 4	ANT1	0.73	0.67	0.41
	UMTS FDD 5	ANT0	0.23	0.35	0.35
	UMTS FDD 5	ANT1	0.44	0.37	0.37
	UMTS FDD 8	ANT0	0.24	0.43	0.43
	UMTS FDD 8	ANT1	0.53	0.43	0.43
LTE	LTE Band 2	ANT0	0.15	0.76	0.55
	LTE Band 2	ANT1	0.77	0.73	0.45
	LTE Band 4	ANT0	0.13	0.25	0.22
	LTE Band 4	ANT1	0.73	0.69	0.46
	LTE Band 4	ANT4	0.18	0.26	0.26
	LTE Band 5	ANT0	0.21	0.41	0.41
	LTE Band 5	ANT1	0.51	0.37	0.37
	LTE Band 7	ANT0	0.50	0.82	0.82
	LTE Band 7	ANT1	0.78	0.88	0.76
	LTE Band 7	ANT4	0.50	0.75	0.75
	LTE Band 8	ANT0	0.22	0.27	0.27
	LTE Band 8	ANT1	0.60	0.31	0.31
	LTE Band 12/17	ANT0	0.12	0.21	0.21
	LTE Band 12/17	ANT1	0.56	0.25	0.25
	LTE Band 13	ANT0	0.15	0.25	0.25
	LTE Band 13	ANT1	0.48	0.27	0.27
	LTE Band 26	ANT0	0.23	0.28	0.28
	LTE Band 26	ANT1	0.47	0.36	0.36
	LTE Band 28	ANT0	0.13	0.17	0.17
	LTE Band 28	ANT1	0.47	0.25	0.25
	LTE Band 38	ANT0	0.30	0.58	0.58
	LTE Band 38	ANT1	0.60	0.50	0.50
	LTE Band 38	ANT4	0.46	0.37	0.37
	LTE Band 41 PC3	ANT0	0.35	0.66	0.66
	LTE Band 41 PC3	ANT1	0.43	0.38	0.38

	LTE Band 41 PC3	ANT4	0.22	0.25	0.25
	LTE Band 66	ANT0	0.09	0.54	0.25
	LTE Band 66	ANT1	0.63	0.73	0.43
	LTE Band 66	ANT4	0.14	0.18	0.18
NR	N2	ANT0	0.13	0.84	0.61
	N2	ANT1	0.56	0.83	0.41
	N5	ANT0	0.16	0.32	0.32
	N5	ANT1	0.52	0.33	0.31
	N7	ANT0	0.40	0.75	0.75
	N7	ANT1	0.84	1.05	0.75
	N7	ANT4	0.96	0.66	0.59
	N12	ANT0	0.12	0.17	0.17
	N12	ANT1	0.80	0.22	0.22
	N26	ANT0	0.17	0.31	0.31
	N26	ANT1	0.82	0.34	0.27
	N38	ANT0	0.51	0.49	0.49
	N38	ANT1	1.17	1.19	1.19
	N38	ANT4	0.94	0.90	0.90
	N41	ANT0	0.53	0.81	0.81
	N41	ANT1	0.89	0.73	0.73
	N41	ANT4	0.76	0.57	0.57
	N66	ANT0	0.21	0.58	0.27
	N66	ANT1	1.02	0.91	0.70
	N66	ANT4	0.29	0.32	0.32
	N71	ANT0	0.13	0.24	0.24
	N71	ANT1	0.67	0.31	0.31
	N77-L	ANT4	1.19	0.51	0.51
	N77-L	ANT3	0.53	0.72	0.72
	N77-L	ANT5	0.60	0.60	0.60
	N77-L	ANT6	0.79	0.44	0.44
	N77-H	ANT4	1.18	0.74	0.74
	N77-H	ANT3	0.56	0.70	0.39
	N77-H	ANT5	0.29	0.44	0.44
	N77-H	ANT6	0.65	0.60	0.60
	N78-L	ANT4	0.57	0.61	0.61
	N78-L	ANT3	0.60	0.59	0.59
	N78-L	ANT5	0.85	0.72	0.72
	N78-L	ANT6	0.43	0.47	0.47
	N78-H	ANT4	0.35	0.45	0.45
	N78-H	ANT3	0.51	0.63	0.43
	N78-H	ANT5	0.58	0.56	0.56
	N78-H	ANT6	0.34	0.57	0.57
WLAN 2.4 GHz		ANT7	0.98	0.40	0.40
WLAN 5 GHz		ANT7	0.93	0.99	0.99
BT		ANT7	0.14	0.12	0.11

Note: Body-worn SAR results use more conservative hotspot results to evaluate the front and rear sides.

The SAR values found for the Mobile Phone are below the maximum recommended levels of 1.6 W/kg as averaged over any 1g tissue according to the ANSI C95.1-1992.

For body operation, this device has been tested and meets FCC RF exposure guidelines when used with any accessory that contains no metal and which provides a minimum separation distance of 10 mm between this device and the body of the user. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The EUT battery must be fully charged and checked periodically during the test to ascertain uniform power output.

The measurement together with the test system set-up is described in annex C of this test report. A detailed description of the equipment under test can be found in chapter 4 of this test report. The highest reported SAR value is obtained at the case of **(Table 2.1)**, and the values are:

Head: 1.19 W/kg(1g)

Hotspot: 1.19 W/kg(1g)

Body-worn: 1.19 W/kg(1g)

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

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

	Position	Main antenna	WiFi	BT	Sum
Highest SAR value	Rear 10mm	0.82 (LTE Band7 ANT0)	0.73 (WiFi5G)	0.04	1.59

Note: The result of NFC is lower than 0.01

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 14.

Conclusion:

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

3 Client Information

3.1 Applicant Information

Company Name:	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
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Fax	/

3.2 Manufacturer Information

Company Name:	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
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Contact Person:	Xiong Bo
Contact Email:	xiongbo@oppo.com
Telephone:	(86)76986076999
Fax	/

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

4.1 About EUT

Description:	Mobile Phone	
Model name:	CPH2735	
Tested Band:	GSM850/900/1900, WCDMA B2/4/5/8 LTE Band FDD:2/4/5/7/8/12/13/17/26/28/66 LTE Band TDD:38/41 5G NR N2/5/7/12/26/38/41/66/71/77/78 BT, Wi-Fi(2.4G), Wi-Fi(5G), NFC	
Tx Frequency:	824 – 849 MHz (GSM 850)	
	880 - 915 MHz (GSM 900)	
	1850 – 1910 MHz (GSM 1900)	
	880 – 915 MHz (WCDMA 900, Band VIII)	
	824–849 MHz (WCDMA 850 Band V)	
	1710 – 1755 MHz (WCDMA 1700 Band IV)	
	1850–1910 MHz (WCDMA1900 Band II)	
	1850 – 1910 MHz(LTE Band 2)	
	1710 – 1755 MHz (LTE Band 4)	
	824 – 849 MHz (LTE Band 5)	
	2500 – 2570 MHz(LTE Band 7)	
	880 – 915 MHz (LTE Band 8)	
	699 – 716 MHz (LTE Band 12)	
	777 –787 MHz (LTE Band 13)	
	704 –716 MHz (LTE Band 17)	
	814 – 849 MHz (LTE Band 26)	
	703 – 748 MHz (LTE Band 28)	
	2570 – 2620 MHz (LTE Band 38)	
	2496 – 2690 MHz (LTE Band 41)	
	1710 – 1780 MHz (LTE Band 66)	
	2412 – 2462 MHz (Wi-Fi 2.4G)	
	5180 – 5240 MHz	
	5260 – 5320 MHz	
	5500 – 5700 MHz	
	5745 – 5825 MHz	
	2400 – 2483.5 MHz (Bluetooth)	
	1850 – 1910 MHz(n2)	
	824 – 849 MHz(n5)	
	2500 – 2570 MHz (n7)	
	699 – 716 MHz (n12)	
	814 – 849 MHz (n26)	
	2570 – 2620 MHz (n38)	
	2496 – 2690 MHz (n41)	
	1710– 1780 MHz (n66)	
	665.5 – 695.5 MHz (n71)	
	3450 – 3550 MHz (n77L)	
	3700 – 3980 MHz (n77H)	
	3450 – 3550 MHz (n78L)	

	3700 – 3800 MHz (n78H)
	13.56 MHz (NFC)
GPRS/EGPRS Multislot Class:	33
Test device production information:	Production unit
Device type:	Portable device
Antenna type:	Integrated antenna

4.2 Internal Identification of EUT used during the test

EUT ID*	IMEI	HW Version	SW Version
EUT1	862170070019730/862170070019722	11	ColorOS 15.0
EUT2	862170070019672/862170070019664	11	ColorOS 15.0
EUT3	862170070019755/862170070019748	11	ColorOS 15.0
EUT4	862170070019698/862170070019680	11	ColorOS 15.0
EUT5	868771070033151/868771070033144	11	ColorOS 15.0
EUT6	868771070031015/868771070031007	11	ColorOS 15.0
EUT7	862170070019771/862170070019763	11	ColorOS 15.0

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

Note: It is performed to test SAR with the EUT1~5 and conducted power with the EUT6~7.

4.3 Internal Identification of AE used during the test

AE ID*	Description	Model	SN	Manufacturer
AE1	Battery	BLPC21	/	Dongguan NVT Technology Co., Ltd
AE1	Battery	BLPC21	/	SUNWODA Electronic 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 April 27, 2022:RF Exposure Procedures

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

6 Smart Transmit feature for RF Exposure compliance

The FCC RF exposure limit is defined based on time-averaged RF exposure. The product implements MediaTek TAS feature which controls the instantaneous transmitting power for WWAN transmitter to ensure the product in compliance with FCC RF exposure limit over a defined time window for SAR (transmit frequency $\leq 10\text{GHz}$). To control and manage transmitting power in real time and to ensure at all times the time-averaged RF exposure is compliant to the regulation requirement.

The purpose of the Part 1 test in this report is to demonstrate that the device meets the FCC SAR limits when transmitting in static transmission scenario at maximum allowable time-averaged power levels. The parameters obtained from SAR characterization (referred to as SAR char, respectively) will be used as input for TAS. SAR char will be entered via the Embedded File System to enable the TAS Feature.

Term	Description
P_{limit}	The time-averaged RF power which corresponds to SAR_design_target.
P_{max}	Maximum target power level
SAR_design_target:	The design target for SAR compliance. It should be less than regulatory power density limit to account for all device design related uncertainties.
SAR Char	P_{limit} for all the technologies/bands for all applicable ECI

TAS allows the device to transmit at higher power instantaneously, as high as P_{max} , when needed, but enforces power limiting to maintain time-averaged transmit power to P_{limit} . Below table shows P_{limit} settings and maximum tune up output power P_{max} configured for this EUT for various transmit conditions (Device State Index ECI).

ECI and Corresponding Exposure Scenarios

Scenario	Description
ECI 3	Body (Standalone)
ECI 5	Head (Standalone)
ECI 8	Body (simultaneous transmission)
ECI 10	Head (simultaneous transmission)

<P_{limit} for supported technologies and bands (P_{limit} in EFS file)>

Band	Antenna	Duty cycle (100%)	DS13	DS15	DS18	DS10	P _{max} *
			burst power	burst power	burst power	burst power	
GSM	850	0	12.5	32.5	32.5	32.5	32.5
	850	1	12.5	32.5	30.5	30	32.5
	900	0	12.5	32.5	32.5	32.5	32.5
	900	1	12.5	32.5	30.5	30	32.5
	1900	0	12.5	29.5	29.5	29.5	29.5
	1900	1	12.5	29.5	27	26.5	29.5
WCDMA	2	0	100	22	24	24	24.0
	2	1	100	20	17.5	18.5	24.0
	4	0	100	20.2	24.2	18.2	24.2
	4	1	100	18.7	15.2	17.2	24.2
	5	0	100	24.2	24.2	22.7	24.2
	5	1	100	24.2	20.2	23.7	24.2
	8	0	100	24.2	24.2	23.7	24.2
	8	1	100	24.2	20.7	23.7	24.2
	2	0	100	22	23.5	20	23.5
	2	1	100	20.5	17.5	19	23.5
LTE	4	0	100	20.7	24.2	18.7	24.2
	4	1	100	20.2	16.2	18.2	24.2
	4	4	100	23.5	23.5	23.5	23.5
	5	0	100	24.2	24.2	24.2	24.2
	5	1	100	24.2	21.7	24.2	24.2
	7	0	100	21.7	24.2	19.7	24.2
	7	1	100	19.7	15.7	17.7	24.2
	7	4	100	23.2	23.2	22.7	23.2
	8	0	100	24.2	24.2	24.2	24.2
	8	1	100	24.2	21.2	24.2	24.2
	12	0	100	24.2	24.2	24.2	24.2
	12	1	100	24.2	22.7	24.2	24.2
	13	0	100	24.2	24.2	24.2	24.2
	13	1	100	24.2	21.7	24.2	24.2
	17	0	100	24.2	24.2	24.2	24.2
	17	1	100	24.2	22.7	24.2	24.2
	26	0	100	24.2	24.2	24.2	24.2
	26	1	100	24.2	21.2	24.2	24.2
	28	0	100	24.2	24.2	24.2	24.2
	28	1	100	24.2	22.7	24.2	24.2
	38	0	63.3	24.2	24.2	22.2	24.2
	38	1	63.3	21.2	18.2	19.7	24.2
	38	4	63.3	23.2	23.2	23.2	23.2
	41	0	63.3	24.2	24.2	22.2	24.2
	41	1	63.3	21.2	17.7	19.7	24.2
	41	4	63.3	23.2	23.2	22.7	23.2
	66	0	100	20.7	24.2	18.7	24.2
	66	1	100	20.2	16.2	18.7	24.2
	66	4	100	23.5	23.5	23.5	23.5
NR	2	0	100	22	23.5	20	23.5
	2	1	100	20.5	18	19	23.5
	5	0	100	24.3	24.3	23.3	24.3
	5	1	100	24.3	20.8	24.3	24.3
	7	0	100	22.5	24	20.5	24.0
	7	1	100	19	15.5	17	24.0
	7	4	100	23	23	21.5	23.0
	12	0	100	24.3	24.3	24.3	24.3
	12	1	100	24.3	22.3	23.3	24.3
	26	0	100	24.3	24.3	23.3	24.3
	26	1	100	24.3	20.8	24.3	24.3
	38	0	100	21.8	24.3	19.8	24.3
	38	1	100	19.3	15.8	17.8	24.3
	38	4	100	22.5	23	20.5	23.5
	41	0	100	21.3	24.3	19.3	24.3
	41	1	100	18.8	15.8	16.8	24.3
	41	4	100	22.5	22.5	20.5	23.5
	66	0	100	20.3	24.3	18.3	24.3
	66	1	100	19.8	16.3	18.3	24.3
	66	4	100	23.8	23.8	23.8	23.8
	71	0	100	24	24	24	24.0
	71	1	100	24	23	24	24.0
	77	4	100	20.5	24	19	24.0
	77	3	100	18.5	16.5	16.5	22.0
	77	5	100	20.8	21.8	19.3	21.8
	77	6	100	20	16.5	18.5	23.0
	78	4	100	20	19.5	18	26.0
	78	3	100	18.5	16.5	16	24.0
	78	5	100	20.8	23.3	19.3	23.8
	78	6	100	19	14	17	25.0

Note:

1 When P_{max} < P_{limit}, the DUT will operate at a power level up to P_{max}.

2 P_{max} is used for RF tune up procedure. The maximum allowed output power is equal to P_{max} + device uncertainty.

7 Specific Absorption Rate (SAR)

7.1 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.

7.2 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.

8 Tissue Simulating Liquids

8.1 Targets for tissue simulating liquid

Table 8.1: Targets for tissue simulating liquid

Frequency(MHz)	Liquid Type	Conductivity(σ)	$\pm 5\%$ Range	Permittivity(ϵ)	$\pm 5\%$ Range
750	Head	0.89	0.85~0.93	41.94	39.8~44.0
835	Head	0.90	0.86~0.95	41.5	39.4~43.6
1750	Head	1.37	1.30~1.44	40.08	38.1~42.1
1900	Head	1.40	1.33~1.47	40.0	38.0~42.0
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
3500	Head	2.91	2.76~3.06	37.93	36.03~39.83
3700	Head	3.22	3.06~3.38	37.6	35.72~39.48
3900	Head	3.32	3.15~3.49	37.5	35.63~39.38
5250	Head	4.71	4.47~4.95	35.93	34.13~37.73
5600	Head	5.07	4.82~5.32	35.53	33.8~37.3
5750	Head	5.22	4.96~5.48	35.36	33.59~37.13
6500	Head	6.07	5.77~6.37	34.50	32.78~36.23

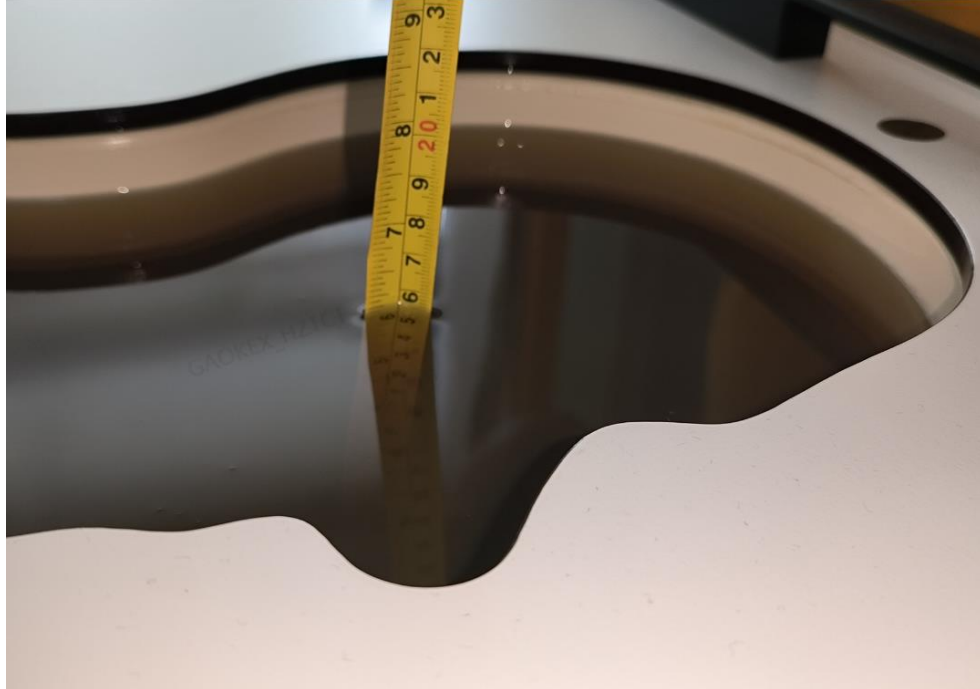
8.2 Dielectric Performance

Table 8.2: Dielectric Performance of Tissue Simulating Liquid

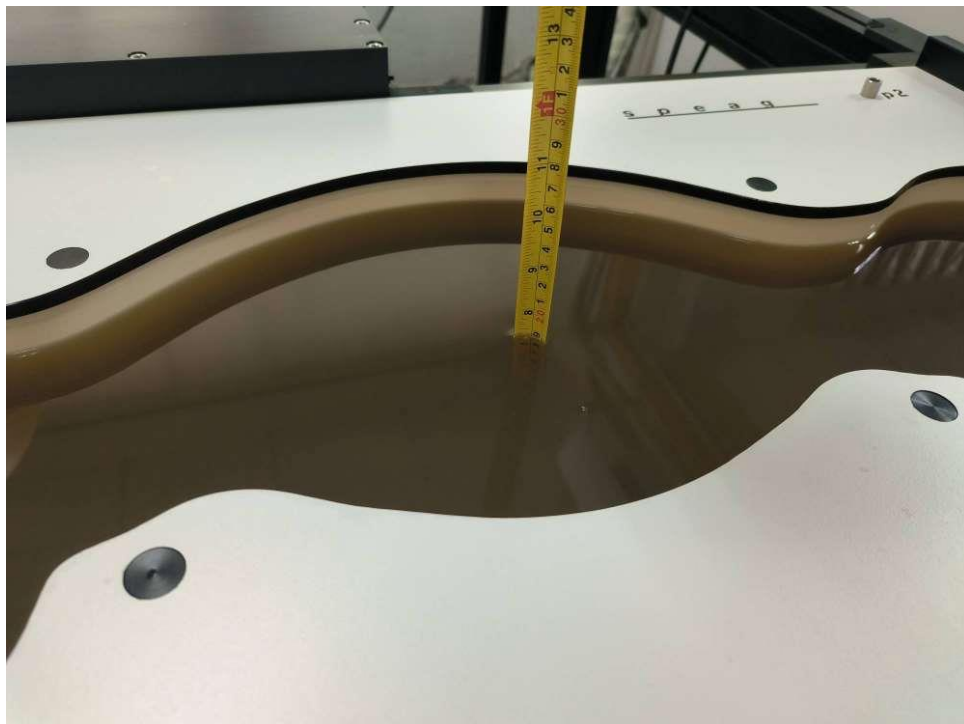
Measurement Date (yyyy-mm-dd)	Type	Frequency	Permittivity ϵ	Drift (%)	Conductivity σ (S/m)	Drift (%)
2025/2/14	Head	750 MHz	43.61	3.98	0.892	0.22
2025/2/10	Head	750 MHz	42.55	1.45	0.909	2.13
2025/2/10	Head	835 MHz	43.34	4.43	0.922	2.44
2025/2/9	Head	835 MHz	42.64	2.75	0.907	0.78
2025/2/11	Head	835 MHz	42.27	1.86	0.941	4.56
2025/2/13	Head	1750 MHz	41.53	3.62	1.348	-1.61
2025/2/13	Head	1750 MHz	41.05	2.42	1.376	0.44
2025/2/11	Head	1900 MHz	41.41	3.52	1.434	2.43
2025/2/9	Head	1900 MHz	40.24	0.60	1.444	3.14
2025/2/22	Head	2450 MHz	40.58	3.52	1.807	0.39
2025/2/15	Head	2600 MHz	40.37	3.49	1.922	-1.94
2025/2/17	Head	2600 MHz	39.71	1.79	1.891	-3.52
2025/2/15	Head	2600 MHz	39.27	0.67	1.929	-1.58
2025/2/27	Head	2600 MHz	39.92	2.33	1.9	-3.06
2025/3/1	Head	3500 MHz	38.89	2.53	2.837	-2.51
2025/3/2	Head	3500 MHz	38.53	1.58	2.891	-0.65
2025/3/1	Head	3700 MHz	38.6	2.39	3.025	-3.04
2025/3/2	Head	3700 MHz	38.25	1.46	3.083	-1.19
2025/3/1	Head	3900 MHz	38.3	2.22	3.224	-2.89
2025/2/24	Head	5250 MHz	36.42	1.36	4.595	-2.44

2025/2/25	Head	5600 MHz	35.86	0.93	4.984	-1.70
2025/2/26	Head	5750 MHz	35.63	0.76	5.155	-1.25
2025/3/4	Head	13 MHz	53.28	-3.13	0.721	-3.87

Note: The liquid temperature is 22.0°C



Picture 8-1 Liquid depth in the Head Phantom

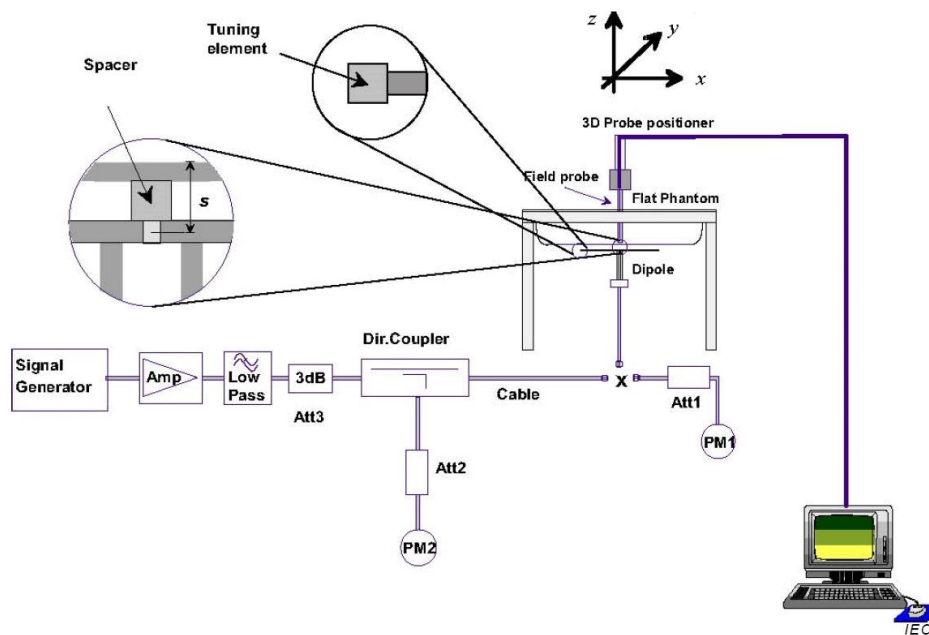


Picture 8-2 Liquid depth in the Flat Phantom

9 System verification

9.1 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 9-1 System Setup for System Evaluation



Picture 9-2 Photo of Dipole Setup

9.2 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.

Table 9.1: System Verification of Head

Measurement Date (yyyy-mm-dd)	Frequency	Target value (W/kg)		Measured value(W/kg)		Deviation	
		10 g Average	1 g Average	10 g Average	1 g Average	10 g Average	1 g Average
2025/2/14	750 MHz	5.53	8.52	5.64	8.44	1.99%	-0.94%
2025/2/10	750 MHz	5.53	8.52	5.76	8.68	4.16%	1.88%
2025/2/10	835 MHz	6.09	9.47	6.36	9.64	4.43%	1.80%
2025/2/9	835 MHz	6.09	9.47	6.48	9.84	6.40%	3.91%
2025/2/11	835 MHz	6.09	9.47	6.52	9.92	7.06%	4.75%
2025/2/13	1750 MHz	19.8	37.2	19.6	36.8	-0.81%	-0.97%
2025/2/13	1750 MHz	19.8	37.2	20.7	39.2	4.65%	5.27%
2025/2/11	1900 MHz	20.6	39.1	20.9	40.0	1.55%	2.30%
2025/2/9	1900 MHz	20.6	39.1	21.2	40.4	2.72%	3.32%
2025/2/22	2450 MHz	24.5	52.2	24.9	53.2	1.55%	1.92%
2025/2/15	2600 MHz	24.8	54.9	25.0	55.2	0.65%	0.55%
2025/2/17	2600 MHz	24.8	54.9	25.1	56.0	1.29%	2.00%
2025/2/15	2600 MHz	24.8	54.9	25.2	56.0	1.45%	2.00%
2025/2/27	2600 MHz	24.8	54.9	25.0	55.6	0.81%	1.28%
2025/3/1	3500 MHz	25.7	68.00	25.6	66.3	-0.39%	-2.50%
2025/3/2	3500 MHz	25.7	68.00	25.4	66.4	-1.17%	-2.35%
2025/3/1	3700 MHz	24.9	68.7	25.2	68.1	1.20%	-0.87%
2025/3/2	3700 MHz	24.9	68.7	25.1	67.3	0.80%	-2.04%
2025/3/1	3900 MHz	24.5	70.2	23.8	67.6	-2.86%	-3.70%
2025/2/24	5250 MHz	22.4	78.3	21.9	77.1	-2.23%	-1.53%
2025/2/25	5600 MHz	23.2	81.7	23.3	81.9	0.43%	0.24%
2025/2/26	5750 MHz	22.8	79.9	22.2	78.1	-2.63%	-2.25%
2025/3/4	13 MHz	0.340	0.553	0.346	0.539	1.76%	-2.53%

10 Measurement Procedures

10.1 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.

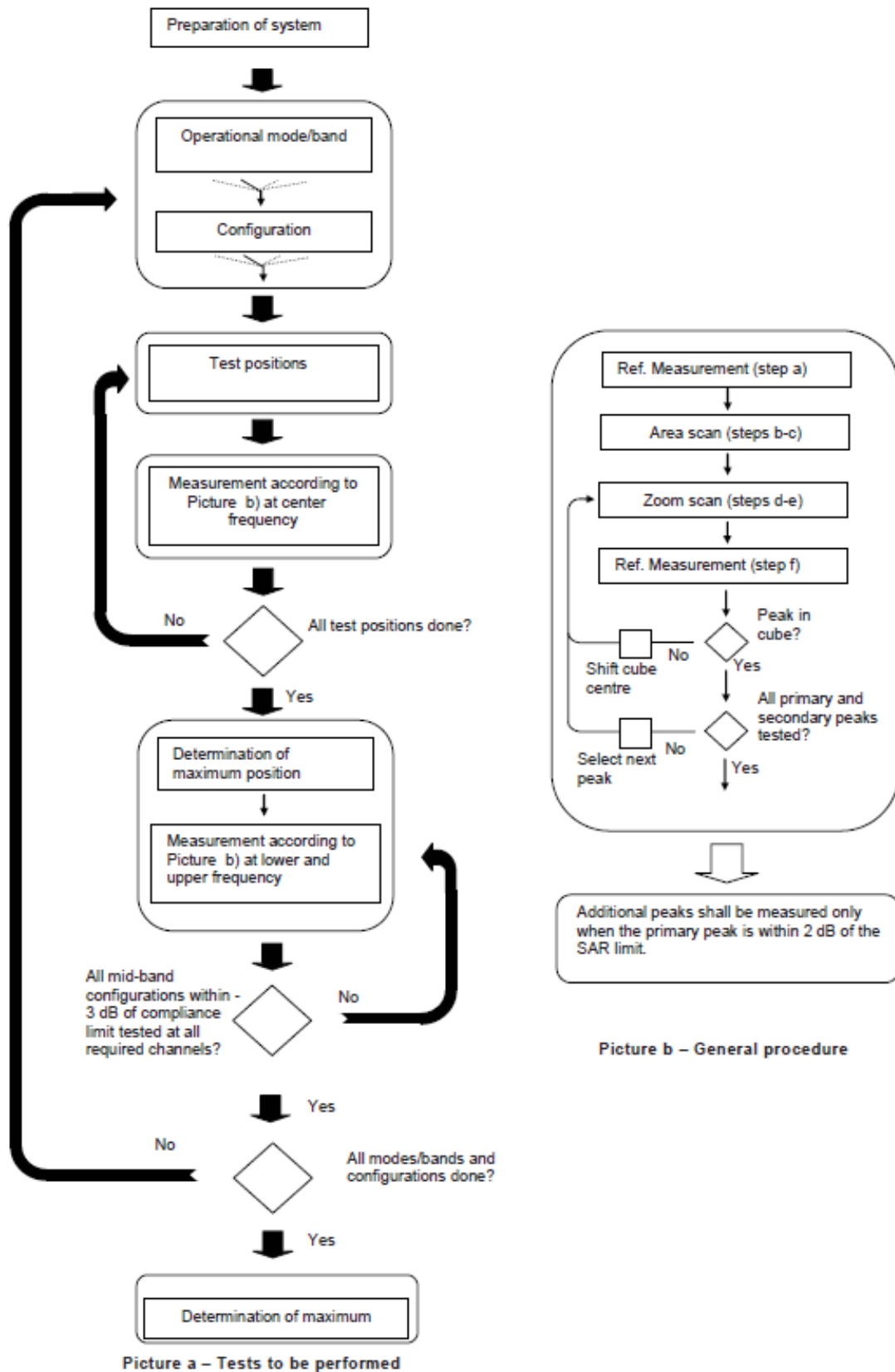
Step 1: The tests described in 9.2 shall be performed at the channel that is closest to the centre of the transmit frequency band (f_c) for:

- 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 10-1 Block diagram of the tests to be performed

10.2 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.				

10.3 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.

10.4 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.

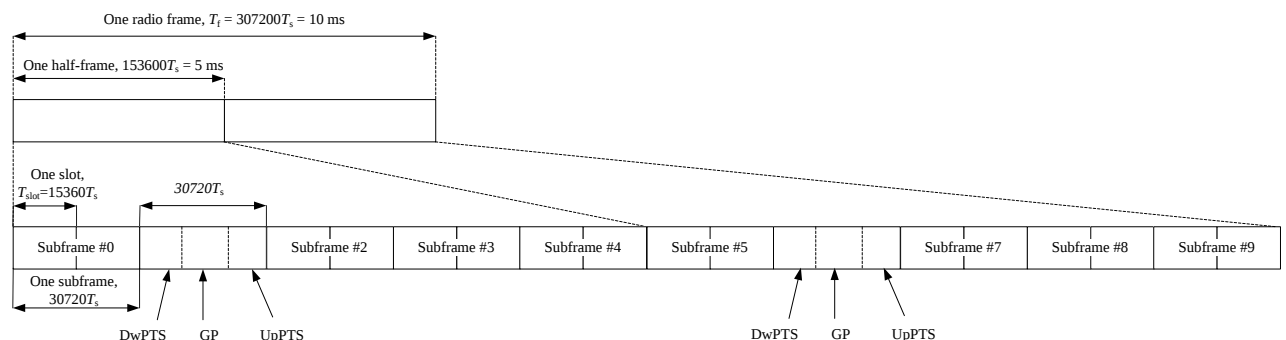


Figure 9.2: Frame structure type 2 (for 5 ms switch-point periodicity)

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:

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

10.5 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.

10.6 NR Measurement Procedures for SAR

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

10.7 Power Drift

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

11 Area Scan Based 1-g SAR

11.1 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. 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.

11.2 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.

12 Conducted Output Power

Body Standalone	Head Standalone	Body simultaneous transmission	Head simultaneous transmission
ECI 3	ECI 5	ECI 8	ECI 10

12.1 GSM Measurement result

GSM850(ANT0 ECI3/5)

GSM 850 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	33.17	33.09	33.36	33.50	/	/	/	/
GSM 850 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	33.23	33.12	33.38	33.50	-9.03	24.20	24.09	24.35
2 Txslots	31.46	31.37	31.68	32.00	-6.02	25.44	25.35	25.66
3Txslots	29.46	29.38	29.70	30.00	-4.26	25.20	25.12	25.44
4 Txslots	27.91	27.85	28.17	28.50	-3.01	24.90	24.84	25.16
GSM 850 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	33.14	33.07	33.34	33.50	-9.03	24.11	24.04	24.31
2 Txslots	31.37	31.32	31.64	32.00	-6.02	25.35	25.30	25.62
3Txslots	29.37	29.33	29.66	30.00	-4.26	25.11	25.07	25.40
4 Txslots	27.82	27.79	28.12	28.50	-3.01	24.81	24.78	25.11
GSM 850 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	26.94	27.48	27.34	28.00	-9.03	17.91	18.45	18.31
2 Txslots	24.80	24.85	24.82	25.00	-6.02	18.78	18.83	18.80
3Txslots	23.09	22.81	23.01	23.20	-4.26	18.83	18.55	18.75
4 Txslots	21.91	22.29	22.31	22.50	-3.01	18.90	19.28	19.30

GSM850(ANT1 ECI3)

GSM 850 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	33.11	33.04	33.32	33.50	/	/	/	/
GSM 850 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	33.09	33.02	33.30	33.50	-9.03	24.06	23.99	24.27
2 Txslots	31.34	31.29	31.61	32.00	-6.02	25.32	25.27	25.59
3Txslots	29.35	29.30	29.63	30.00	-4.26	25.09	25.04	25.37
4 Txslots	27.81	27.77	28.09	28.50	-3.01	24.80	24.76	25.08
GSM 850 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	33.07	33.02	33.30	33.50	-9.03	24.04	23.99	24.27
2 Txslots	31.32	31.28	31.60	32.00	-6.02	25.30	25.26	25.58
3Txslots	29.33	29.30	29.62	30.00	-4.26	25.07	25.04	25.36
4 Txslots	27.78	27.77	28.09	28.50	-3.01	24.77	24.76	25.08
GSM 850 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	27.32	27.19	27.81	28.00	-9.03	18.29	18.16	18.78
2 Txslots	24.92	24.87	24.91	25.00	-6.02	18.90	18.85	18.89
3Txslots	22.70	23.07	23.03	23.20	-4.26	18.44	18.81	18.77
4 Txslots	22.29	22.23	22.41	22.50	-3.01	19.28	19.22	19.40

GSM850(ANT1 ECI5)

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	31.40	31.34	31.47	31.50	/	/	/	/
GSM 850 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	31.41	31.34	31.44	31.50	-9.03	22.38	22.31	22.41
2 Txslots	28.45	28.40	28.69	30.00	-6.02	22.43	22.38	22.67
3Txslots	26.72	26.66	26.97	28.00	-4.26	22.46	22.40	22.71
4 Txslots	25.41	25.37	25.70	26.50	-3.01	22.40	22.36	22.69
GSM 850 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	31.34	31.30	31.42	31.50	-9.03	22.31	22.27	22.39
2 Txslots	28.39	28.36	28.67	30.00	-6.02	22.37	22.34	22.65
3Txslots	26.67	26.62	26.95	28.00	-4.26	22.41	22.36	22.69
4 Txslots	25.36	25.33	25.69	26.50	-3.01	22.35	22.32	22.68
GSM 850 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	27.04	27.26	27.35	28.00	-9.03	18.01	18.23	18.32
2 Txslots	24.71	24.59	24.73	25.00	-6.02	18.69	18.57	18.71
3Txslots	22.70	23.17	23.05	23.20	-4.26	18.44	18.91	18.79
4 Txslots	22.04	22.25	22.39	22.50	-3.01	19.03	19.24	19.38

GSM900(ANT0 ECI3/5)

GSM 900 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	124	37	975			124	37	975
1 Txslot	32.99	33.26	33.26	33.50	/	/	/	/
GSM 900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	124	37	975			124	37	975
1 Txslot	33.00	33.24	33.24	33.50	-9.03	23.97	24.21	24.21
2 Txslots	31.27	31.47	31.44	32.00	-6.02	25.25	25.45	25.42
3Txslots	29.27	29.43	29.39	30.00	-4.26	25.01	25.17	25.13
4 Txslots	27.73	27.86	27.82	28.50	-3.01	24.72	24.85	24.81
GSM 900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	124	37	975			124	37	975
1 Txslot	32.97	33.23	33.22	33.50	-9.03	23.94	24.20	24.19
2 Txslots	31.24	31.46	31.42	32.00	-6.02	25.22	25.44	25.40
3Txslots	29.24	29.42	29.38	30.00	-4.26	24.98	25.16	25.12
4 Txslots	27.71	27.85	27.81	28.50	-3.01	24.70	24.84	24.80
GSM 900 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	124	37	975			124	37	975
1 Txslot	27.08	27.01	27.00	28.00	-9.03	18.05	17.98	17.97
2 Txslots	25.18	24.85	25.06	25.00	-6.02	19.16	18.83	19.04
3Txslots	22.71	22.91	22.68	23.20	-4.26	18.45	18.65	18.42
4 Txslots	22.03	21.96	21.97	22.50	-3.01	19.02	18.95	18.96

GSM900(ANT1 ECI3)

GSM 900 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	124	37	975			124	37	975
1 Txslot	32.86	33.15	33.16	33.50	/	/	/	/
GSM 900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	124	37	975			124	37	975
1 Txslot	32.85	33.11	33.12	33.50	-9.03	23.82	24.08	24.09
2 Txslots	31.12	31.35	31.33	32.00	-6.02	25.10	25.33	25.31
3Txslots	29.12	29.31	29.29	30.00	-4.26	24.86	25.05	25.03
4 Txslots	27.59	27.74	27.72	28.50	-3.01	24.58	24.73	24.71
GSM 900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	124	37	975			124	37	975
1 Txslot	32.83	33.11	33.12	33.50	-9.03	23.80	24.08	24.09
2 Txslots	31.11	31.34	31.33	32.00	-6.02	25.09	25.32	25.31
3Txslots	29.11	29.31	29.29	30.00	-4.26	24.85	25.05	25.03
4 Txslots	27.59	27.74	27.72	28.50	-3.01	24.58	24.73	24.71
GSM 900 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	124	37	975			124	37	975
1 Txslot	27.01	27.11	26.99	28.00	-9.03	17.98	18.08	17.96
2 Txslots	24.75	24.28	24.71	25.00	-6.02	18.73	18.26	18.69
3Txslots	22.75	22.56	22.68	23.20	-4.26	18.49	18.30	18.42
4 Txslots	21.96	22.13	21.95	22.50	-3.01	18.95	19.12	18.94

GSM900(ANT1 ECI5)

GSM 900 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	124	37	975			124	37	975
1 Txslot	31.18	31.42	31.41	31.50	/	/	/	/
GSM 900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	124	37	975			124	37	975
1 Txslot	31.12	31.37	31.36	31.50	-9.03	22.09	22.34	22.33
2 Txslots	28.17	28.37	28.35	30.00	-6.02	22.15	22.35	22.33
3Txslots	26.46	26.62	26.61	28.00	-4.26	22.20	22.36	22.35
4 Txslots	25.18	25.34	25.31	26.50	-3.01	22.17	22.33	22.30
GSM 900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	124	37	975			124	37	975
1 Txslot	31.18	31.40	31.38	31.50	-9.03	22.15	22.37	22.35
2 Txslots	28.22	28.40	28.37	30.00	-6.02	22.20	22.38	22.35
3Txslots	26.50	26.64	26.63	28.00	-4.26	22.24	22.38	22.37
4 Txslots	25.22	25.37	25.33	26.50	-3.01	22.21	22.36	22.32
GSM 900 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	124	37	975			124	37	975
1 Txslot	27.35	26.93	27.67	28.00	-9.03	18.32	17.90	18.64
2 Txslots	24.97	24.80	24.93	25.00	-6.02	18.95	18.78	18.91
3Txslots	22.66	23.16	22.66	23.20	-4.26	18.40	18.90	18.40
4 Txslots	22.01	21.91	22.34	22.50	-3.01	19.00	18.90	19.33

GSM1900(ANT0 ECI3/5)

GSM 1900 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	29.25	29.23	29.32	30.50	/	/	/	/
GSM 1900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	29.23	29.20	29.30	30.50	-9.03	20.20	20.17	20.27
2 Txslots	26.85	26.79	26.88	28.00	-6.02	20.83	20.77	20.86
3Txslots	24.88	24.80	24.89	26.50	-4.26	20.62	20.54	20.63
4 Txslots	23.83	23.76	23.85	25.00	-3.01	20.82	20.75	20.84
GSM 1900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	29.21	29.18	29.28	30.50	-9.03	20.18	20.15	20.25
2 Txslots	26.83	26.76	26.86	28.00	-6.02	20.81	20.74	20.84
3Txslots	24.86	24.78	24.87	26.50	-4.26	20.60	20.52	20.61
4 Txslots	23.81	23.74	23.83	25.00	-3.01	20.80	20.73	20.82
GSM 1900 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	25.06	25.06	25.47	27.00	-9.03	16.03	16.03	16.44
2 Txslots	23.06	23.39	23.05	25.50	-6.02	17.04	17.37	17.03
3Txslots	20.33	20.41	20.57	22.20	-4.26	16.07	16.15	16.31
4 Txslots	19.54	19.57	19.72	21.50	-3.01	16.53	16.56	16.71

GSM1900(ANT1 ECI3)

GSM 1900 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	28.84	28.83	28.98	30.50	/	/	/	/
GSM 1900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	28.82	28.81	28.95	30.50	-9.03	19.79	19.78	19.92
2 Txslots	26.43	26.42	26.57	28.00	-6.02	20.41	20.40	20.55
3Txslots	24.59	24.54	24.59	26.50	-4.26	20.33	20.28	20.33
4 Txslots	23.44	23.40	23.55	25.00	-3.01	20.43	20.39	20.54
GSM 1900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	28.81	28.81	28.96	30.50	-9.03	19.78	19.78	19.93
2 Txslots	26.43	26.42	26.58	28.00	-6.02	20.41	20.40	20.56
3Txslots	24.59	24.54	24.59	26.50	-4.26	20.33	20.28	20.33
4 Txslots	23.44	23.40	23.55	25.00	-3.01	20.43	20.39	20.54
GSM 1900 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	25.54	25.02	25.68	27.00	-9.03	16.51	15.99	16.65
2 Txslots	23.56	23.52	23.54	25.50	-6.02	17.54	17.50	17.52
3Txslots	20.27	20.26	20.22	22.20	-4.26	16.01	16.00	15.96
4 Txslots	19.56	19.52	19.92	21.50	-3.01	16.55	16.51	16.91

GSM1900(ANT1 ECI5)

GSM 1900 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	26.46	26.44	26.59	28.00	/	/	/	/
GSM 1900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	26.45	26.43	26.58	28.00	-9.03	17.42	17.40	17.55
2 Txslots	23.54	23.51	23.54	25.50	-6.02	17.52	17.49	17.52
3Txslots	22.04	22.08	22.13	24.00	-4.26	17.78	17.82	17.87
4 Txslots	20.50	20.56	20.62	22.50	-3.01	17.49	17.55	17.61
GSM 1900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	26.44	26.43	26.57	28.00	-9.03	17.41	17.40	17.54
2 Txslots	23.53	23.54	23.54	25.50	-6.02	17.51	17.52	17.52
3Txslots	22.03	22.08	22.07	24.00	-4.26	17.77	17.82	17.81
4 Txslots	20.49	20.55	20.61	22.50	-3.01	17.48	17.54	17.60
GSM 1900 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	25.29	25.34	25.08	27.00	-9.03	16.26	16.31	16.05
2 Txslots	23.53	23.51	23.36	25.50	-6.02	17.51	17.49	17.34
3Txslots	20.26	20.29	20.23	22.20	-4.26	16.00	16.03	15.97
4 Txslots	19.55	19.62	19.57	21.50	-3.01	16.54	16.61	16.56

12.2 WCDMA Measurement result

WCDMA1900(ANT0 ECI3)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	21.91	22.01	22.07	22.80
HSUPA	1	20.17	20.26	20.32	21.80
	2	20.19	20.28	20.34	21.80
	3	21.21	21.30	21.36	22.80
	4	19.87	19.82	19.87	21.80
	5	21.17	21.26	21.32	22.80
HSPA+	\	20.89	20.91	20.84	22.80
DC-HSDPA	1	21.17	21.26	21.32	22.80
	2	21.44	21.54	21.60	22.80
	3	21.19	21.28	21.34	22.80
	4	21.26	21.36	21.42	22.80

WCDMA1900(ANT0 ECI5)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	23.91	23.97	24.05	24.80
HSUPA	1	21.56	21.54	21.61	21.80
	2	21.07	21.05	21.12	21.80
	3	22.12	22.10	22.17	22.80
	4	20.58	20.56	20.63	21.80
	5	22.04	22.02	22.09	22.80
HSPA+	\	22.57	22.55	22.62	23.30
DC-HSDPA	1	23.09	23.08	23.15	23.80
	2	23.07	23.06	23.13	23.80
	3	22.63	22.61	22.68	23.30
	4	22.63	22.61	22.68	23.30

WCDMA1900(ANT1 ECI3)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	19.53	19.61	19.67	20.80
HSUPA	1	18.86	18.93	18.99	20.80
	2	19.73	19.81	19.87	20.80
	3	19.72	19.80	19.86	20.80
	4	19.75	19.83	19.89	20.80
	5	19.72	19.79	19.85	20.80
HSPA+	\	19.22	19.29	19.35	20.80
DC-HSDPA	1	19.65	19.72	19.78	20.80
	2	19.74	19.82	19.88	20.80
	3	19.78	19.86	19.92	20.80
	4	19.77	19.85	19.90	20.80

WCDMA1900(ANT1 ECI5)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	17.02	17.09	17.15	18.30
HSUPA	1	16.44	16.50	16.55	18.30
	2	17.19	17.26	17.32	18.30
	3	17.19	17.26	17.31	18.30
	4	17.21	17.28	17.33	18.30
	5	17.19	17.25	17.30	18.30
HSPA+	\	16.75	16.81	16.86	18.30
DC-HSDPA	1	17.12	17.19	17.24	18.30
	2	17.2	17.27	17.33	18.30
	3	17.24	17.31	17.36	18.30
	4	17.23	17.30	17.35	18.30

WCDMA1700(ANT0 ECI3)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	20.48	20.37	20.61	21.00
HSUPA	1	19.80	19.70	19.93	21.00
	2	19.87	19.77	20.00	21.00
	3	19.86	19.76	19.99	21.00
	4	20.39	20.28	20.52	21.00
	5	19.85	19.75	19.98	21.00
HSPA+	\	19.44	19.33	19.56	21.00
DC-HSDPA	1	19.97	19.87	20.10	21.00
	2	21.22	21.10	21.35	21.00
	3	19.95	19.85	20.08	21.00
	4	19.88	19.78	20.01	21.00

WCDMA1700(ANT0 ECI5)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	24.52	24.40	24.68	25.00
HSUPA	1	21.86	21.50	21.75	22.30
	2	21.89	21.53	21.78	22.30
	3	22.93	22.56	22.82	23.30
	4	21.42	21.08	21.32	22.30
	5	22.89	22.52	22.78	23.30
HSPA+	\	23.41	23.04	23.30	23.80
DC-HSDPA	1	23.36	23.24	23.31	23.80
	2	23.26	23.30	23.17	23.80
	3	23.18	22.79	23.06	23.30
	4	23.16	22.77	23.04	23.30

WCDMA1700(ANT1 ECI3)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	18.68	18.54	18.73	19.50
HSUPA	1	18.05	17.92	18.10	19.50
	2	18.10	17.97	18.15	19.50
	3	18.04	17.91	18.09	19.50
	4	17.58	17.53	17.64	19.50
	5	18.03	17.90	18.08	19.50
HSPA+	\	17.55	17.53	17.62	19.50
DC-HSDPA	1	18.09	17.96	18.14	19.50
	2	18.06	17.93	18.11	19.50
	3	18.20	18.06	18.25	19.50
	4	18.13	18.00	18.18	19.50

WCDMA1700(ANT1 ECI5)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	15.14	15.19	15.24	16.00
HSUPA	1	14.39	14.44	14.49	16.00
	2	14.47	14.52	14.57	16.00
	3	14.23	14.27	14.32	16.00
	4	14.01	14.06	14.09	16.00
	5	14.40	14.45	14.50	16.00
HSPA+	\	14.03	14.01	14.06	16.00
DC-HSDPA	1	14.43	14.48	14.53	16.00
	2	14.43	14.48	14.53	16.00
	3	14.43	14.48	14.53	16.00
	4	14.48	14.53	14.58	16.00

WCDMA850(ANT0 ECI3/5)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	1	24.84	24.82	24.77	25.00
HSUPA	1	22.11	22.13	22.09	22.30
	2	21.52	21.54	21.50	22.30
	3	21.56	21.58	21.54	23.30
	4	21.02	21.04	21.00	22.30
	5	22.48	22.51	22.46	23.30
HSPA+	1	22.91	22.94	22.89	23.80
DC-HSDPA	1	23.63	23.66	23.61	23.80
	2	23.61	23.64	23.59	23.80
	3	23.05	23.08	23.03	23.30
	4	22.99	23.02	22.97	23.30

WCDMA850(ANT1 ECI3)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	1	24.76	24.79	24.70	25.00
HSUPA	1	21.73	21.84	21.76	22.30
	2	21.20	21.31	21.23	22.30
	3	22.24	22.35	22.27	23.30
	4	20.73	20.84	20.76	22.30
	5	22.18	22.29	22.21	23.30
HSPA+	1	22.44	22.55	22.47	23.30
DC-HSDPA	1	23.00	23.11	23.03	23.80
	2	23.18	23.29	23.21	23.80
	3	22.57	22.68	22.60	23.30
	4	22.71	22.82	22.74	23.30

WCDMA850(ANT1 ECI5)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	1	20.78	20.75	20.71	21.00
HSUPA	1	19.72	19.73	19.69	21.00
	2	19.77	19.78	19.74	21.00
	3	19.76	19.77	19.73	21.00
	4	19.77	19.78	19.74	21.00
	5	19.73	19.74	19.70	21.00
HSPA+	1	19.20	19.21	19.17	21.00
DC-HSDPA	1	19.57	19.58	19.54	21.00
	2	19.76	19.77	19.73	21.00
	3	19.61	19.62	19.58	21.00
	4	19.77	19.78	19.74	21.00

WCDMA900(ANT0 ECI3/5)

Item	band	FDDVIII result			
	ARFCN	2863/3088 (912.6MHz)	2787/3012 (897.4MHz)	2712/2937 (882.4MHz)	Tune up
WCDMA	1	24.83	24.96	24.91	25.00
HSUPA	1	21.82	21.97	21.93	22.30
	2	21.46	21.61	21.57	22.30
	3	21.47	21.62	21.58	23.30
	4	20.86	21.01	20.97	22.30
	5	22.43	22.60	22.55	23.30
HSPA+	1	22.92	23.09	23.04	23.80
DC-HSDPA	1	23.38	23.55	23.50	23.80
	2	23.32	23.49	23.44	23.80
	3	22.86	23.03	22.98	23.30
	4	22.91	23.08	23.03	23.30

WCDMA900(ANT1 ECI3)

Item	band	FDDVIII result			
	ARFCN	2863/3088 (912.6MHz)	2787/3012 (897.4MHz)	2712/2937 (882.4MHz)	Tune up
WCDMA	1	24.98	24.96	24.95	25.00
HSUPA	1	22.20	22.19	22.18	22.30
	2	21.40	21.39	21.38	22.30
	3	21.73	21.72	21.71	23.30
	4	20.93	20.92	20.91	22.30
	5	22.24	22.23	22.22	23.30
HSPA+	1	22.95	22.94	22.93	23.80
DC-HSDPA	1	23.22	23.21	23.20	23.80
	2	23.40	23.39	23.38	23.80
	3	22.79	22.78	22.77	23.30
	4	22.92	22.91	22.90	23.30

WCDMA900(ANT1 ECI5)

Item	band	FDDVIII result			
	ARFCN	2863/3088 (912.6MHz)	2787/3012 (897.4MHz)	2712/2937 (882.4MHz)	Tune up
WCDMA	1	21.40	21.49	21.48	21.50
HSUPA	1	20.28	20.37	20.36	21.50
	2	20.31	20.40	20.39	21.50
	3	20.31	20.40	20.39	21.50
	4	20.32	20.41	20.40	21.50
	5	20.13	20.22	20.21	21.50
HSPA+	1	19.84	19.92	19.91	21.50
DC-HSDPA	1	21.11	21.20	21.19	21.50
	2	20.21	20.30	20.29	21.50
	3	20.17	20.26	20.25	21.50
	4	20.30	20.39	20.38	21.50

12.3 LTE Measurement result

Maximum Target Power for Production Unit

Band	Antenna	DSI3	DSI5	DSI8	DSI10
LTE	2	0	22.8	24.3	20.8
	2	1	21.3	18.3	19.8
	4	0	21.5	25	19.5
	4	1	21	17	19
	4	4	24.3	24.3	24.3
	5	0	25	25	25
	5	1	25	22.5	25
	7	0	22.5	25	20.5
	7	1	20.5	16.5	18.5
	7	4	24	24	23.5
	8	0	25	25	25
	8	1	25	22	25
	12	0	25	25	25
	12	1	25	23.5	25
	13	0	25	25	25
	13	1	25	22.5	25
	17	0	25	25	25
	17	1	25	23.5	25
	26	0	25	25	25
	26	1	25	22	25
	28	0	25	25	25
	28	1	25	23.5	25
	38	0	25	25	23
	38	1	22	19	20.5
	38	4	24	24	24
	41	0	25	25	23
	41	1	22	18.5	20.5
	41	4	24	24	23.5
	66	0	21.5	25	19.5
	66	1	21	17	19.5
	66	4	24.3	24.3	24.3

Maximum Power Reduction (MPR) for LTE

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

LTE Band2(ANT0 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	22.28	22.51	21.83
		1880 (18900)	22.27	22.52	22.00
		1850.7 (18607)	22.34	22.58	21.89
	1RB-Middle (3)	1909.3 (19193)	22.08	22.45	21.78
		1880 (18900)	22.26	22.58	21.94
		1850.7 (18607)	22.25	22.53	21.98
	1RB-Low (0)	1909.3 (19193)	22.19	22.49	21.79
		1880 (18900)	22.28	22.38	21.86
		1850.7 (18607)	22.23	22.45	21.95
	3RB-High (3)	1909.3 (19193)	22.20	22.24	21.67
		1880 (18900)	22.25	22.22	21.79
		1850.7 (18607)	22.24	22.20	21.81
	3RB-Middle (1)	1909.3 (19193)	22.26	22.29	21.87
		1880 (18900)	22.28	22.22	21.87
		1850.7 (18607)	22.19	22.18	21.81
	3RB-Low (0)	1909.3 (19193)	22.21	22.14	21.77
		1880 (18900)	22.23	22.24	21.78
		1850.7 (18607)	22.28	22.20	21.84
	6RB (0)	1909.3 (19193)	22.19	21.75	20.62
		1880 (18900)	22.18	21.78	20.66
		1850.7 (18607)	22.33	21.84	20.76
3MHz	1RB-High (14)	1908.5 (19185)	22.31	22.50	21.86
		1880 (18900)	22.23	22.57	22.01
		1851.5 (18615)	22.27	22.57	22.03
	1RB-Middle (7)	1908.5 (19185)	22.19	22.43	21.93
		1880 (18900)	22.28	22.58	22.05
		1851.5 (18615)	22.25	22.53	21.86
	1RB-Low (0)	1908.5 (19185)	22.28	22.47	21.91
		1880 (18900)	22.14	22.49	21.93
		1851.5 (18615)	22.29	22.50	21.92
	8RB-High (7)	1908.5 (19185)	22.19	21.73	20.73
		1880 (18900)	22.19	21.79	20.76
		1851.5 (18615)	22.27	21.88	20.82
	8RB-Middle (4)	1908.5 (19185)	22.21	21.72	20.71
		1880 (18900)	22.22	21.77	20.76
		1851.5 (18615)	22.29	21.88	20.81
	8RB-Low (0)	1908.5 (19185)	22.25	21.83	20.74
		1880 (18900)	22.18	21.74	20.71
		1851.5 (18615)	22.25	21.82	20.85
	15RB (0)	1908.5 (19185)	22.18	21.67	20.67
		1880 (18900)	22.25	21.74	20.73
		1851.5 (18615)	22.26	21.76	20.79

5MHz	1RB-High (24)	1907.5 (19175)	22.24	22.33	21.96
		1880 (18900)	22.24	22.61	21.89
		1852.5 (18625)	22.31	22.60	21.93
	1RB-Middle (12)	1907.5 (19175)	22.25	22.54	22.01
		1880 (18900)	22.30	22.60	21.99
		1852.5 (18625)	22.29	22.65	21.93
	1RB-Low (0)	1907.5 (19175)	22.37	22.59	21.97
		1880 (18900)	22.20	22.50	21.87
		1852.5 (18625)	22.28	22.58	21.89
	12RB-High (13)	1907.5 (19175)	22.24	21.80	20.75
		1880 (18900)	22.26	21.75	20.82
		1852.5 (18625)	22.34	21.85	20.85
	12RB-Middle (6)	1907.5 (19175)	22.23	21.82	20.75
		1880 (18900)	22.28	21.77	20.81
		1852.5 (18625)	22.30	21.83	20.85
	12RB-Low (0)	1907.5 (19175)	22.31	21.83	20.80
		1880 (18900)	22.26	21.78	20.78
		1852.5 (18625)	22.27	21.80	20.83
	25RB (0)	1907.5 (19175)	22.29	21.75	20.75
		1880 (18900)	22.29	21.79	20.74
		1852.5 (18625)	22.34	21.82	20.80
10MHz	1RB-High (49)	1905 (19150)	22.24	22.40	21.88
		1880 (18900)	22.31	22.61	21.99
		1855 (18650)	22.32	22.58	21.89
	1RB-Middle (24)	1905 (19150)	22.30	22.58	22.01
		1880 (18900)	22.34	22.59	22.00
		1855 (18650)	22.39	22.58	21.97
	1RB-Low (0)	1905 (19150)	22.22	22.46	21.88
		1880 (18900)	22.25	22.55	21.92
		1855 (18650)	22.31	22.61	21.94
	25RB-High (25)	1905 (19150)	22.24	21.76	20.71
		1880 (18900)	22.28	21.70	20.76
		1855 (18650)	22.34	21.82	20.84
	25RB-Middle (12)	1905 (19150)	22.32	21.78	20.75
		1880 (18900)	22.25	21.77	20.76
		1855 (18650)	22.35	21.85	20.84
	25RB-Low (0)	1905 (19150)	22.27	21.76	20.77
		1880 (18900)	22.29	21.78	20.75
		1855 (18650)	22.31	21.82	20.79
	50RB (0)	1905 (19150)	22.24	21.74	20.72
		1880 (18900)	22.26	21.75	20.73
		1855 (18650)	22.34	21.84	20.79

15MHz	1RB-High (74)	1902.5 (19125)	22.30	22.44	21.93
		1880 (18900)	22.27	22.46	22.01
		1857.5 (18675)	22.41	22.60	22.06
	1RB-Middle (37)	1902.5 (19125)	22.30	22.58	21.93
		1880 (18900)	22.29	22.64	21.94
		1857.5 (18675)	22.37	22.58	21.99
	1RB-Low (0)	1902.5 (19125)	22.25	22.51	21.93
		1880 (18900)	22.27	22.67	21.94
		1857.5 (18675)	22.36	22.61	21.94
	36RB-High (38)	1902.5 (19125)	22.21	21.73	20.76
		1880 (18900)	22.21	21.70	20.79
		1857.5 (18675)	22.32	21.82	20.85
	36RB-Middle (19)	1902.5 (19125)	22.22	21.75	20.78
		1880 (18900)	22.23	21.71	20.82
		1857.5 (18675)	22.28	21.83	20.81
	36RB-Low (0)	1902.5 (19125)	22.20	21.70	20.78
		1880 (18900)	22.27	21.79	20.78
		1857.5 (18675)	22.30	21.79	20.80
	75RB (0)	1902.5 (19125)	22.26	21.75	20.76
		1880 (18900)	22.28	21.81	20.81
		1857.5 (18675)	22.31	21.84	20.84
20MHz	1RB-High (99)	1900 (19100)	22.16	22.38	21.86
		1880 (18900)	22.17	22.48	21.86
		1860 (18700)	22.23	22.58	21.92
	1RB-Middle (50)	1900 (19100)	22.16	22.34	21.79
		1880 (18900)	22.15	22.59	21.91
		1860 (18700)	22.28	22.60	21.99
	1RB-Low (0)	1900 (19100)	22.19	22.38	21.81
		1880 (18900)	22.20	22.55	21.89
		1860 (18700)	22.25	22.60	21.96
	50RB-High (50)	1900 (19100)	22.13	21.65	20.61
		1880 (18900)	22.18	21.67	20.69
		1860 (18700)	22.28	21.76	20.80
	50RB-Middle (25)	1900 (19100)	22.19	21.67	20.67
		1880 (18900)	22.16	21.69	20.75
		1860 (18700)	22.27	21.76	20.81
	50RB-Low (0)	1900 (19100)	22.19	21.69	20.70
		1880 (18900)	22.16	21.66	20.78
		1860 (18700)	22.24	21.77	20.79
	100RB (0)	1900 (19100)	22.22	21.64	20.68
		1880 (18900)	22.20	21.67	20.69
		1860 (18700)	22.25	21.73	20.74



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LTE Band2(ANT0 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	22.63	22.46	21.74
		1880 (18900)	23.68	22.78	21.74
		1850.7 (18607)	23.61	22.96	21.81
	1RB-Middle (3)	1909.3 (19193)	22.58	22.53	21.68
		1880 (18900)	23.66	22.85	21.88
		1850.7 (18607)	23.68	22.77	21.80
	1RB-Low (0)	1909.3 (19193)	22.74	22.76	21.72
		1880 (18900)	23.70	22.86	21.77
		1850.7 (18607)	23.67	23.05	21.85
	3RB-High (3)	1909.3 (19193)	22.40	22.24	21.59
		1880 (18900)	23.62	22.50	21.69
		1850.7 (18607)	23.66	22.65	21.69
	3RB-Middle (1)	1909.3 (19193)	22.48	22.29	21.59
		1880 (18900)	23.62	22.65	21.68
		1850.7 (18607)	23.74	22.64	21.77
	3RB-Low (0)	1909.3 (19193)	22.54	22.39	21.60
		1880 (18900)	23.65	22.57	21.74
		1850.7 (18607)	23.67	22.61	21.69
	6RB (0)	1909.3 (19193)	22.45	21.72	20.48
		1880 (18900)	22.60	21.76	20.60
		1850.7 (18607)	22.71	21.74	20.67
3MHz	1RB-High (14)	1908.5 (19185)	22.73	22.62	21.76
		1880 (18900)	23.78	23.00	21.96
		1851.5 (18615)	23.86	22.91	21.91
	1RB-Middle (7)	1908.5 (19185)	22.94	22.84	21.90
		1880 (18900)	23.82	22.97	21.95
		1851.5 (18615)	23.76	23.00	21.97
	1RB-Low (0)	1908.5 (19185)	23.38	22.85	21.87
		1880 (18900)	23.63	22.82	21.88
		1851.5 (18615)	23.70	22.95	21.89
	8RB-High (7)	1908.5 (19185)	22.63	21.70	20.73
		1880 (18900)	22.73	21.78	20.73
		1851.5 (18615)	22.78	21.81	20.92
	8RB-Middle (4)	1908.5 (19185)	22.72	21.67	20.67
		1880 (18900)	22.72	21.76	20.71
		1851.5 (18615)	22.76	21.84	20.84
	8RB-Low (0)	1908.5 (19185)	22.74	21.74	20.82
		1880 (18900)	22.73	21.82	20.76
		1851.5 (18615)	22.69	21.77	20.75
	15RB (0)	1908.5 (19185)	22.69	21.69	20.67
		1880 (18900)	22.72	21.71	20.68
		1851.5 (18615)	22.75	21.78	20.72

5MHz	1RB-High (24)	1907.5 (19175)	22.70	22.54	21.71
		1880 (18900)	23.70	22.95	21.83
		1852.5 (18625)	23.75	22.93	21.93
	1RB-Middle (12)	1907.5 (19175)	23.25	22.84	21.70
		1880 (18900)	23.72	23.05	21.93
		1852.5 (18625)	23.79	23.00	21.89
	1RB-Low (0)	1907.5 (19175)	23.64	22.90	21.86
		1880 (18900)	23.69	22.80	21.83
		1852.5 (18625)	23.69	22.91	21.92
	12RB-High (13)	1907.5 (19175)	22.68	21.66	20.67
		1880 (18900)	22.69	21.67	20.68
		1852.5 (18625)	22.71	21.78	20.76
	12RB-Middle (6)	1907.5 (19175)	22.65	21.69	20.68
		1880 (18900)	22.68	21.70	20.75
		1852.5 (18625)	22.70	21.76	20.72
	12RB-Low (0)	1907.5 (19175)	22.71	21.72	20.78
		1880 (18900)	22.65	21.71	20.76
		1852.5 (18625)	22.72	21.73	20.71
	25RB (0)	1907.5 (19175)	22.69	21.69	20.69
		1880 (18900)	22.71	21.70	20.65
		1852.5 (18625)	22.78	21.73	20.75
10MHz	1RB-High (49)	1905 (19150)	22.61	22.33	21.71
		1880 (18900)	23.69	22.91	21.82
		1855 (18650)	23.78	23.05	21.85
	1RB-Middle (24)	1905 (19150)	23.68	22.88	21.83
		1880 (18900)	23.75	23.02	21.85
		1855 (18650)	23.83	23.02	21.87
	1RB-Low (0)	1905 (19150)	23.62	22.87	21.80
		1880 (18900)	23.67	22.96	21.78
		1855 (18650)	23.70	23.02	21.91
	25RB-High (25)	1905 (19150)	22.67	21.65	20.61
		1880 (18900)	22.70	21.69	20.63
		1855 (18650)	22.77	21.79	20.74
	25RB-Middle (12)	1905 (19150)	22.72	21.74	20.71
		1880 (18900)	22.71	21.75	20.68
		1855 (18650)	22.82	21.79	20.76
	25RB-Low (0)	1905 (19150)	22.71	21.73	20.66
		1880 (18900)	22.72	21.70	20.68
		1855 (18650)	22.72	21.73	20.72
	50RB (0)	1905 (19150)	22.67	21.69	20.64
		1880 (18900)	22.69	21.66	20.66
		1855 (18650)	22.80	21.79	20.75

15MHz	1RB-High (74)	1902.5 (19125)	22.93	22.65	21.87
		1880 (18900)	23.80	23.05	21.88
		1857.5 (18675)	23.78	23.13	21.97
	1RB-Middle (37)	1902.5 (19125)	23.75	22.89	21.83
		1880 (18900)	23.77	23.02	21.96
		1857.5 (18675)	23.81	23.04	21.91
	1RB-Low (0)	1902.5 (19125)	23.67	22.91	21.93
		1880 (18900)	23.81	22.89	21.94
		1857.5 (18675)	23.84	23.07	21.89
	36RB-High (38)	1902.5 (19125)	22.69	21.67	20.70
		1880 (18900)	22.67	21.69	20.69
		1857.5 (18675)	22.73	21.78	20.77
	36RB-Middle (19)	1902.5 (19125)	22.69	21.69	20.70
		1880 (18900)	22.71	21.70	20.71
		1857.5 (18675)	22.77	21.76	20.82
	36RB-Low (0)	1902.5 (19125)	22.68	21.65	20.72
		1880 (18900)	22.73	21.72	20.74
		1857.5 (18675)	22.78	21.75	20.76
	75RB (0)	1902.5 (19125)	22.71	21.75	20.67
		1880 (18900)	22.72	21.73	20.74
		1857.5 (18675)	22.79	21.81	20.79
20MHz	1RB-High (99)	1900 (19100)	22.66	22.59	21.96
		1880 (18900)	23.66	23.09	22.00
		1860 (18700)	23.88	23.22	21.94
	1RB-Middle (50)	1900 (19100)	23.71	23.07	21.97
		1880 (18900)	23.88	23.14	22.15
		1860 (18700)	23.86	23.18	22.09
	1RB-Low (0)	1900 (19100)	23.55	23.03	21.99
		1880 (18900)	23.86	23.05	22.06
		1860 (18700)	23.86	23.15	22.01
	50RB-High (50)	1900 (19100)	22.78	21.78	20.78
		1880 (18900)	22.84	21.85	20.83
		1860 (18700)	22.92	21.88	20.89
	50RB-Middle (25)	1900 (19100)	22.82	21.81	20.80
		1880 (18900)	22.83	21.86	20.80
		1860 (18700)	22.90	21.90	20.88
	50RB-Low (0)	1900 (19100)	22.87	21.84	20.84
		1880 (18900)	22.83	21.84	20.80
		1860 (18700)	22.85	21.87	20.84
	100RB (0)	1900 (19100)	22.81	21.80	20.83
		1880 (18900)	22.82	21.82	20.78
		1860 (18700)	22.88	21.87	20.82

LTE Band2(ANT1 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	20.23	20.42	20.41
		1880 (18900)	20.29	20.63	20.44
		1850.7 (18607)	20.33	20.67	20.54
	1RB-Middle (3)	1909.3 (19193)	20.23	20.51	20.42
		1880 (18900)	20.23	20.61	20.37
		1850.7 (18607)	20.30	20.50	20.46
	1RB-Low (0)	1909.3 (19193)	20.25	20.45	20.45
		1880 (18900)	20.33	20.65	20.50
		1850.7 (18607)	20.30	20.62	20.48
	3RB-High (3)	1909.3 (19193)	20.27	20.24	20.33
		1880 (18900)	20.28	20.34	20.32
		1850.7 (18607)	20.30	20.27	20.34
	3RB-Middle (1)	1909.3 (19193)	20.24	20.21	20.30
		1880 (18900)	20.28	20.27	20.37
		1850.7 (18607)	20.30	20.23	20.31
	3RB-Low (0)	1909.3 (19193)	20.29	20.20	20.40
		1880 (18900)	20.21	20.27	20.37
		1850.7 (18607)	20.26	20.27	20.39
	6RB (0)	1909.3 (19193)	20.25	20.42	20.25
		1880 (18900)	20.25	20.36	20.30
		1850.7 (18607)	20.34	20.39	20.27
3MHz	1RB-High (14)	1908.5 (19185)	20.23	20.63	20.49
		1880 (18900)	20.26	20.68	20.51
		1851.5 (18615)	20.32	20.56	20.47
	1RB-Middle (7)	1908.5 (19185)	20.23	20.60	20.56
		1880 (18900)	20.33	20.81	20.68
		1851.5 (18615)	20.27	20.77	20.56
	1RB-Low (0)	1908.5 (19185)	20.26	20.62	20.62
		1880 (18900)	20.23	20.52	20.50
		1851.5 (18615)	20.30	20.56	20.40
	8RB-High (7)	1908.5 (19185)	20.28	20.31	20.34
		1880 (18900)	20.32	20.37	20.36
		1851.5 (18615)	20.37	20.38	20.42
	8RB-Middle (4)	1908.5 (19185)	20.30	20.36	20.34
		1880 (18900)	20.26	20.39	20.37
		1851.5 (18615)	20.33	20.40	20.40
	8RB-Low (0)	1908.5 (19185)	20.31	20.34	20.35
		1880 (18900)	20.28	20.34	20.38
		1851.5 (18615)	20.30	20.42	20.38
	15RB (0)	1908.5 (19185)	20.26	20.37	20.26
		1880 (18900)	20.32	20.30	20.32
		1851.5 (18615)	20.32	20.33	20.31

5MHz	1RB-High (24)	1907.5 (19175)	20.35	20.67	20.54
		1880 (18900)	20.37	20.69	20.59
		1852.5 (18625)	20.36	20.76	20.59
	1RB-Middle (12)	1907.5 (19175)	20.32	20.61	20.56
		1880 (18900)	20.46	20.63	20.52
		1852.5 (18625)	20.36	20.61	20.59
	1RB-Low (0)	1907.5 (19175)	20.34	20.57	20.56
		1880 (18900)	20.29	20.58	20.57
		1852.5 (18625)	20.36	20.75	20.66
	12RB-High (13)	1907.5 (19175)	20.32	20.34	20.39
		1880 (18900)	20.39	20.38	20.42
		1852.5 (18625)	20.39	20.44	20.42
	12RB-Middle (6)	1907.5 (19175)	20.40	20.36	20.40
		1880 (18900)	20.33	20.38	20.41
		1852.5 (18625)	20.39	20.43	20.42
	12RB-Low (0)	1907.5 (19175)	20.38	20.38	20.44
		1880 (18900)	20.36	20.37	20.39
		1852.5 (18625)	20.41	20.39	20.40
	25RB (0)	1907.5 (19175)	20.41	20.40	20.36
		1880 (18900)	20.38	20.40	20.36
		1852.5 (18625)	20.44	20.40	20.38
10MHz	1RB-High (49)	1905 (19150)	20.39	20.71	20.50
		1880 (18900)	20.32	20.81	20.51
		1855 (18650)	20.39	20.65	20.58
	1RB-Middle (24)	1905 (19150)	20.42	20.71	20.56
		1880 (18900)	20.44	20.77	20.64
		1855 (18650)	20.46	20.70	20.70
	1RB-Low (0)	1905 (19150)	20.39	20.67	20.52
		1880 (18900)	20.37	20.76	20.51
		1855 (18650)	20.39	20.69	20.59
	25RB-High (25)	1905 (19150)	20.38	20.38	20.40
		1880 (18900)	20.39	20.39	20.38
		1855 (18650)	20.42	20.42	20.40
	25RB-Middle (12)	1905 (19150)	20.44	20.44	20.44
		1880 (18900)	20.40	20.42	20.37
		1855 (18650)	20.45	20.45	20.44
	25RB-Low (0)	1905 (19150)	20.40	20.40	20.38
		1880 (18900)	20.37	20.39	20.35
		1855 (18650)	20.40	20.41	20.41
	50RB (0)	1905 (19150)	20.40	20.36	20.38
		1880 (18900)	20.37	20.35	20.33
		1855 (18650)	20.44	20.43	20.44

15MHz	1RB-High (74)	1902.5 (19125)	20.41	20.65	20.61
		1880 (18900)	20.40	20.74	20.59
		1857.5 (18675)	20.48	20.74	20.66
	1RB-Middle (37)	1902.5 (19125)	20.40	20.66	20.52
		1880 (18900)	20.44	20.85	20.60
		1857.5 (18675)	20.43	20.70	20.67
	1RB-Low (0)	1902.5 (19125)	20.44	20.71	20.56
		1880 (18900)	20.39	20.80	20.58
		1857.5 (18675)	20.42	20.76	20.63
	36RB-High (38)	1902.5 (19125)	20.41	20.44	20.47
		1880 (18900)	20.40	20.37	20.43
		1857.5 (18675)	20.45	20.41	20.45
	36RB-Middle (19)	1902.5 (19125)	20.39	20.38	20.44
		1880 (18900)	20.36	20.39	20.38
		1857.5 (18675)	20.40	20.44	20.45
	36RB-Low (0)	1902.5 (19125)	20.41	20.43	20.41
		1880 (18900)	20.40	20.43	20.44
		1857.5 (18675)	20.43	20.42	20.45
	75RB (0)	1902.5 (19125)	20.44	20.44	20.41
		1880 (18900)	20.45	20.43	20.45
		1857.5 (18675)	20.44	20.48	20.43
20MHz	1RB-High (99)	1900 (19100)	20.47	20.64	20.66
		1880 (18900)	20.43	20.69	20.60
		1860 (18700)	20.44	20.77	20.61
	1RB-Middle (50)	1900 (19100)	20.47	20.57	20.54
		1880 (18900)	20.53	20.76	20.70
		1860 (18700)	20.46	20.82	20.68
	1RB-Low (0)	1900 (19100)	20.43	20.80	20.66
		1880 (18900)	20.46	20.69	20.66
		1860 (18700)	20.48	20.87	20.67
	50RB-High (50)	1900 (19100)	20.44	20.46	20.44
		1880 (18900)	20.47	20.45	20.40
		1860 (18700)	20.54	20.50	20.45
	50RB-Middle (25)	1900 (19100)	20.47	20.43	20.45
		1880 (18900)	20.44	20.41	20.43
		1860 (18700)	20.52	20.48	20.50
	50RB-Low (0)	1900 (19100)	20.50	20.51	20.49
		1880 (18900)	20.52	20.39	20.38
		1860 (18700)	20.51	20.48	20.47
	100RB (0)	1900 (19100)	20.49	20.48	20.47
		1880 (18900)	20.43	20.40	20.38
		1860 (18700)	20.51	20.47	20.47

LTE Band2(ANT1 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	17.38	17.85	17.71
		1880 (18900)	17.36	17.70	17.60
		1850.7 (18607)	17.43	17.82	17.67
	1RB-Middle (3)	1909.3 (19193)	17.34	17.67	17.66
		1880 (18900)	17.41	17.62	17.53
		1850.7 (18607)	17.37	17.67	17.62
	1RB-Low (0)	1909.3 (19193)	17.38	17.59	17.54
		1880 (18900)	17.41	17.68	17.62
		1850.7 (18607)	17.41	17.80	17.72
	3RB-High (3)	1909.3 (19193)	17.43	17.47	17.44
		1880 (18900)	17.39	17.37	17.38
		1850.7 (18607)	17.45	17.38	17.55
	3RB-Middle (1)	1909.3 (19193)	17.39	17.41	17.42
		1880 (18900)	17.37	17.34	17.37
		1850.7 (18607)	17.46	17.41	17.49
	3RB-Low (0)	1909.3 (19193)	17.42	17.32	17.48
		1880 (18900)	17.38	17.28	17.46
		1850.7 (18607)	17.43	17.36	17.60
	6RB (0)	1909.3 (19193)	17.43	17.55	17.45
		1880 (18900)	17.36	17.36	17.29
		1850.7 (18607)	17.45	17.56	17.44
3MHz	1RB-High (14)	1908.5 (19185)	17.39	17.79	17.51
		1880 (18900)	17.35	17.52	17.55
		1851.5 (18615)	17.41	17.63	17.53
	1RB-Middle (7)	1908.5 (19185)	17.42	17.71	17.77
		1880 (18900)	17.38	17.58	17.58
		1851.5 (18615)	17.40	17.74	17.59
	1RB-Low (0)	1908.5 (19185)	17.32	17.71	17.71
		1880 (18900)	17.36	17.77	17.49
		1851.5 (18615)	17.42	17.89	17.51
	8RB-High (7)	1908.5 (19185)	17.41	17.47	17.49
		1880 (18900)	17.41	17.40	17.44
		1851.5 (18615)	17.47	17.54	17.57
	8RB-Middle (4)	1908.5 (19185)	17.37	17.43	17.41
		1880 (18900)	17.37	17.46	17.42
		1851.5 (18615)	17.44	17.51	17.53
	8RB-Low (0)	1908.5 (19185)	17.42	17.49	17.44
		1880 (18900)	17.38	17.45	17.44
		1851.5 (18615)	17.46	17.53	17.49
	15RB (0)	1908.5 (19185)	17.40	17.40	17.39
		1880 (18900)	17.38	17.38	17.40
		1851.5 (18615)	17.42	17.44	17.42

5MHz	1RB-High (24)	1907.5 (19175)	17.55	17.57	17.67
		1880 (18900)	17.42	17.60	17.61
		1852.5 (18625)	17.51	17.70	17.59
	1RB-Middle (12)	1907.5 (19175)	17.45	17.90	17.62
		1880 (18900)	17.49	17.57	17.61
		1852.5 (18625)	17.48	17.88	17.71
	1RB-Low (0)	1907.5 (19175)	17.34	17.62	17.62
		1880 (18900)	17.41	17.67	17.53
		1852.5 (18625)	17.51	17.82	17.73
	12RB-High (13)	1907.5 (19175)	17.42	17.50	17.48
		1880 (18900)	17.39	17.40	17.42
		1852.5 (18625)	17.46	17.47	17.49
	12RB-Middle (6)	1907.5 (19175)	17.49	17.43	17.47
		1880 (18900)	17.45	17.43	17.44
		1852.5 (18625)	17.48	17.53	17.44
	12RB-Low (0)	1907.5 (19175)	17.42	17.42	17.45
		1880 (18900)	17.42	17.41	17.45
		1852.5 (18625)	17.48	17.50	17.53
	25RB (0)	1907.5 (19175)	17.48	17.44	17.44
		1880 (18900)	17.42	17.42	17.41
		1852.5 (18625)	17.50	17.47	17.46
10MHz	1RB-High (49)	1905 (19150)	17.40	17.57	17.60
		1880 (18900)	17.42	17.88	17.52
		1855 (18650)	17.39	17.73	17.58
	1RB-Middle (24)	1905 (19150)	17.38	17.67	17.54
		1880 (18900)	17.45	17.75	17.75
		1855 (18650)	17.45	17.80	17.72
	1RB-Low (0)	1905 (19150)	17.38	17.79	17.56
		1880 (18900)	17.37	17.62	17.49
		1855 (18650)	17.51	17.85	17.68
	25RB-High (25)	1905 (19150)	17.39	17.41	17.45
		1880 (18900)	17.44	17.40	17.41
		1855 (18650)	17.47	17.45	17.44
	25RB-Middle (12)	1905 (19150)	17.42	17.42	17.41
		1880 (18900)	17.46	17.44	17.44
		1855 (18650)	17.51	17.49	17.48
	25RB-Low (0)	1905 (19150)	17.39	17.42	17.41
		1880 (18900)	17.41	17.38	17.40
		1855 (18650)	17.46	17.47	17.47
	50RB (0)	1905 (19150)	17.42	17.43	17.39
		1880 (18900)	17.42	17.41	17.42
		1855 (18650)	17.47	17.47	17.46

15MHz	1RB-High (74)	1902.5 (19125)	17.44	17.74	17.61
		1880 (18900)	17.44	17.70	17.62
		1857.5 (18675)	17.50	17.91	17.68
	1RB-Middle (37)	1902.5 (19125)	17.43	17.76	17.49
		1880 (18900)	17.47	17.84	17.71
		1857.5 (18675)	17.43	17.61	17.72
	1RB-Low (0)	1902.5 (19125)	17.44	17.59	17.61
		1880 (18900)	17.47	17.81	17.65
		1857.5 (18675)	17.53	17.86	17.70
	36RB-High (38)	1902.5 (19125)	17.40	17.40	17.43
		1880 (18900)	17.44	17.39	17.46
		1857.5 (18675)	17.44	17.44	17.47
	36RB-Middle (19)	1902.5 (19125)	17.42	17.43	17.42
		1880 (18900)	17.44	17.42	17.46
		1857.5 (18675)	17.46	17.40	17.46
	36RB-Low (0)	1902.5 (19125)	17.44	17.43	17.47
		1880 (18900)	17.43	17.46	17.47
		1857.5 (18675)	17.48	17.47	17.51
	75RB (0)	1902.5 (19125)	17.46	17.45	17.47
		1880 (18900)	17.48	17.47	17.44
		1857.5 (18675)	17.51	17.48	17.50
20MHz	1RB-High (99)	1900 (19100)	17.58	17.89	17.64
		1880 (18900)	17.46	17.83	17.66
		1860 (18700)	17.51	17.84	17.69
	1RB-Middle (50)	1900 (19100)	17.46	17.80	17.57
		1880 (18900)	17.62	17.97	17.81
		1860 (18700)	17.50	17.78	17.63
	1RB-Low (0)	1900 (19100)	17.50	17.86	17.61
		1880 (18900)	17.45	17.76	17.61
		1860 (18700)	17.51	17.84	17.64
	50RB-High (50)	1900 (19100)	17.49	17.45	17.47
		1880 (18900)	17.50	17.48	17.48
		1860 (18700)	17.55	17.52	17.51
	50RB-Middle (25)	1900 (19100)	17.51	17.48	17.48
		1880 (18900)	17.47	17.48	17.47
		1860 (18700)	17.53	17.55	17.51
	50RB-Low (0)	1900 (19100)	17.54	17.52	17.51
		1880 (18900)	17.45	17.42	17.43
		1860 (18700)	17.53	17.53	17.51
	100RB (0)	1900 (19100)	17.49	17.45	17.47
		1880 (18900)	17.49	17.46	17.44
		1860 (18700)	17.51	17.51	17.48

LTE Band4(ANT0 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	19.95	20.30	20.26
		1732.5 (20175)	20.13	20.45	20.36
		1710.7 (19957)	20.08	20.51	20.37
	1RB-Middle (3)	1754.3 (20393)	20.00	20.29	20.25
		1732.5 (20175)	20.16	20.36	20.29
		1710.7 (19957)	20.10	20.38	20.19
	1RB-Low (0)	1754.3 (20393)	20.01	20.19	20.29
		1732.5 (20175)	20.09	20.47	20.38
		1710.7 (19957)	20.10	20.45	20.31
	3RB-High (3)	1754.3 (20393)	20.04	19.98	20.10
		1732.5 (20175)	20.11	20.13	20.18
		1710.7 (19957)	20.12	20.12	20.15
	3RB-Middle (1)	1754.3 (20393)	20.05	20.03	20.10
		1732.5 (20175)	20.12	20.08	20.20
		1710.7 (19957)	20.12	20.08	20.19
	3RB-Low (0)	1754.3 (20393)	20.03	20.08	20.16
		1732.5 (20175)	20.12	20.12	20.21
		1710.7 (19957)	20.12	20.02	20.25
	6RB (0)	1754.3 (20393)	20.00	20.12	20.03
		1732.5 (20175)	20.11	20.24	20.13
		1710.7 (19957)	20.07	20.19	20.08
3MHz	1RB-High (14)	1753.5 (20385)	19.93	20.35	20.18
		1732.5 (20175)	20.08	20.29	20.17
		1711.5 (19965)	20.06	20.29	20.26
	1RB-Middle (7)	1753.5 (20385)	20.04	20.37	20.29
		1732.5 (20175)	20.16	20.64	20.35
		1711.5 (19965)	19.97	20.43	20.24
	1RB-Low (0)	1753.5 (20385)	19.98	20.22	20.23
		1732.5 (20175)	20.13	20.43	20.42
		1711.5 (19965)	20.07	20.35	20.18
	8RB-High (7)	1753.5 (20385)	19.99	20.10	20.10
		1732.5 (20175)	20.11	20.19	20.14
		1711.5 (19965)	20.11	20.13	20.14
	8RB-Middle (4)	1753.5 (20385)	20.03	20.06	20.09
		1732.5 (20175)	20.07	20.12	20.15
		1711.5 (19965)	20.06	20.12	20.12
	8RB-Low (0)	1753.5 (20385)	20.02	20.08	20.10
		1732.5 (20175)	20.12	20.21	20.20
		1711.5 (19965)	20.09	20.16	20.18
	15RB (0)	1753.5 (20385)	20.00	20.07	20.00
		1732.5 (20175)	20.08	20.14	20.09
		1711.5 (19965)	20.06	20.08	20.09

5MHz	1RB-High (24)	1752.5 (20375)	20.03	20.34	20.14
		1732.5 (20175)	20.15	20.34	20.29
		1712.5 (19975)	20.10	20.50	20.33
	1RB-Middle (12)	1752.5 (20375)	20.05	20.34	20.33
		1732.5 (20175)	20.22	20.52	20.44
		1712.5 (19975)	20.01	20.40	20.41
	1RB-Low (0)	1752.5 (20375)	20.02	20.39	20.17
		1732.5 (20175)	20.18	20.56	20.48
		1712.5 (19975)	20.11	20.53	20.26
	12RB-High (13)	1752.5 (20375)	20.05	20.08	20.10
		1732.5 (20175)	20.13	20.18	20.19
		1712.5 (19975)	20.15	20.19	20.23
	12RB-Middle (6)	1752.5 (20375)	20.11	20.06	20.13
		1732.5 (20175)	20.15	20.13	20.21
		1712.5 (19975)	20.13	20.16	20.18
	12RB-Low (0)	1752.5 (20375)	20.08	20.07	20.07
		1732.5 (20175)	20.19	20.18	20.24
		1712.5 (19975)	20.19	20.11	20.18
	25RB (0)	1752.5 (20375)	20.08	20.12	20.05
		1732.5 (20175)	20.17	20.15	20.15
		1712.5 (19975)	20.12	20.14	20.13
10MHz	1RB-High (49)	1750 (20350)	20.00	20.41	20.36
		1732.5 (20175)	20.06	20.58	20.33
		1715 (20000)	20.23	20.62	20.49
	1RB-Middle (24)	1750 (20350)	20.05	20.47	20.34
		1732.5 (20175)	20.20	20.49	20.50
		1715 (20000)	20.19	20.40	20.32
	1RB-Low (0)	1750 (20350)	20.10	20.42	20.40
		1732.5 (20175)	20.12	20.53	20.25
		1715 (20000)	20.14	20.59	20.39
	25RB-High (25)	1750 (20350)	20.06	20.07	20.08
		1732.5 (20175)	20.17	20.14	20.14
		1715 (20000)	20.20	20.21	20.25
	25RB-Middle (12)	1750 (20350)	20.08	20.12	20.09
		1732.5 (20175)	20.21	20.18	20.19
		1715 (20000)	20.19	20.18	20.14
	25RB-Low (0)	1750 (20350)	20.12	20.11	20.09
		1732.5 (20175)	20.21	20.21	20.19
		1715 (20000)	20.15	20.15	20.15
	50RB (0)	1750 (20350)	20.07	20.10	20.08
		1732.5 (20175)	20.16	20.15	20.12
		1715 (20000)	20.16	20.23	20.20

15MHz	1RB-High (74)	1747.5 (20325)	20.05	20.37	20.17
		1732.5 (20175)	20.12	20.42	20.33
		1717.5 (20025)	20.09	20.40	20.31
	1RB-Middle (37)	1747.5 (20325)	20.06	20.39	20.35
		1732.5 (20175)	20.22	20.51	20.34
		1717.5 (20025)	20.21	20.56	20.43
	1RB-Low (0)	1747.5 (20325)	20.13	20.62	20.33
		1732.5 (20175)	20.14	20.51	20.34
		1717.5 (20025)	20.18	20.50	20.34
	36RB-High (38)	1747.5 (20325)	20.07	20.05	20.09
		1732.5 (20175)	20.11	20.08	20.16
		1717.5 (20025)	20.17	20.19	20.25
	36RB-Middle (19)	1747.5 (20325)	20.09	20.09	20.13
		1732.5 (20175)	20.15	20.12	20.16
		1717.5 (20025)	20.19	20.23	20.24
	36RB-Low (0)	1747.5 (20325)	20.14	20.15	20.17
		1732.5 (20175)	20.16	20.17	20.22
		1717.5 (20025)	20.16	20.20	20.22
	75RB (0)	1747.5 (20325)	20.12	20.14	20.06
		1732.5 (20175)	20.14	20.18	20.17
		1717.5 (20025)	20.20	20.24	20.20
20MHz	1RB-High (99)	1745 (20300)	20.11	20.39	20.32
		1732.5 (20175)	20.16	20.45	20.33
		1720 (20050)	20.26	20.57	20.36
	1RB-Middle (50)	1745 (20300)	20.18	20.45	20.28
		1732.5 (20175)	20.19	20.46	20.46
		1720 (20050)	20.25	20.65	20.40
	1RB-Low (0)	1745 (20300)	20.18	20.43	20.32
		1732.5 (20175)	20.10	20.41	20.26
		1720 (20050)	20.13	20.52	20.33
	50RB-High (50)	1745 (20300)	20.12	20.10	20.12
		1732.5 (20175)	20.18	20.14	20.16
		1720 (20050)	20.17	20.19	20.18
	50RB-Middle (25)	1745 (20300)	20.20	20.13	20.17
		1732.5 (20175)	20.21	20.18	20.19
		1720 (20050)	20.22	20.19	20.20
	50RB-Low (0)	1745 (20300)	20.20	20.19	20.17
		1732.5 (20175)	20.19	20.19	20.19
		1720 (20050)	20.18	20.17	20.20
	100RB (0)	1745 (20300)	20.17	20.09	20.13
		1732.5 (20175)	20.18	20.15	20.14
		1720 (20050)	20.21	20.20	20.17

LTE Band4(ANT0 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	23.81	23.01	22.07
		1732.5 (20175)	23.88	23.10	22.06
		1710.7 (19957)	23.85	23.17	22.04
	1RB-Middle (3)	1754.3 (20393)	23.74	23.05	22.02
		1732.5 (20175)	23.92	23.18	22.17
		1710.7 (19957)	23.91	23.15	21.95
	1RB-Low (0)	1754.3 (20393)	23.77	23.01	21.89
		1732.5 (20175)	23.93	23.14	22.13
		1710.7 (19957)	23.91	23.14	22.01
	3RB-High (3)	1754.3 (20393)	23.87	22.79	21.89
		1732.5 (20175)	23.89	22.93	22.00
		1710.7 (19957)	23.93	22.92	21.90
	3RB-Middle (1)	1754.3 (20393)	23.87	22.78	21.89
		1732.5 (20175)	23.98	22.95	21.97
		1710.7 (19957)	23.91	22.89	21.95
	3RB-Low (0)	1754.3 (20393)	23.84	22.82	21.87
		1732.5 (20175)	23.87	22.87	22.02
		1710.7 (19957)	23.91	22.86	21.98
	6RB (0)	1754.3 (20393)	22.86	21.87	20.80
		1732.5 (20175)	22.92	21.98	20.84
		1710.7 (19957)	22.90	21.97	20.84
3MHz	1RB-High (14)	1753.5 (20385)	23.80	23.05	22.00
		1732.5 (20175)	23.82	23.17	22.04
		1711.5 (19965)	23.84	22.95	22.00
	1RB-Middle (7)	1753.5 (20385)	23.87	23.17	22.00
		1732.5 (20175)	23.99	23.21	22.02
		1711.5 (19965)	23.89	22.97	22.17
	1RB-Low (0)	1753.5 (20385)	23.75	23.02	22.06
		1732.5 (20175)	23.86	23.18	22.10
		1711.5 (19965)	23.99	23.09	22.08
	8RB-High (7)	1753.5 (20385)	22.78	21.88	20.84
		1732.5 (20175)	22.89	21.94	20.93
		1711.5 (19965)	22.87	21.93	20.89
	8RB-Middle (4)	1753.5 (20385)	22.78	21.85	20.81
		1732.5 (20175)	22.90	21.93	20.93
		1711.5 (19965)	22.88	21.89	20.93
	8RB-Low (0)	1753.5 (20385)	22.79	21.88	20.86
		1732.5 (20175)	22.90	21.97	21.03
		1711.5 (19965)	22.91	21.93	20.91
	15RB (0)	1753.5 (20385)	22.80	21.84	20.79
		1732.5 (20175)	22.85	21.87	20.83
		1711.5 (19965)	22.84	21.87	20.83

5MHz	1RB-High (24)	1752.5 (20375)	23.77	23.10	22.02
		1732.5 (20175)	23.86	23.23	21.97
		1712.5 (19975)	23.88	23.26	22.02
	1RB-Middle (12)	1752.5 (20375)	23.83	23.11	22.02
		1732.5 (20175)	24.02	23.23	22.18
		1712.5 (19975)	23.91	23.25	22.03
	1RB-Low (0)	1752.5 (20375)	23.89	23.13	21.99
		1732.5 (20175)	23.95	23.24	22.21
		1712.5 (19975)	23.95	23.16	22.06
	12RB-High (13)	1752.5 (20375)	22.84	21.86	20.92
		1732.5 (20175)	22.91	21.91	20.91
		1712.5 (19975)	22.90	21.92	20.98
	12RB-Middle (6)	1752.5 (20375)	22.84	21.84	20.87
		1732.5 (20175)	22.89	21.91	20.95
		1712.5 (19975)	22.91	21.90	20.94
	12RB-Low (0)	1752.5 (20375)	22.83	21.84	20.89
		1732.5 (20175)	22.98	22.00	20.97
		1712.5 (19975)	22.92	21.95	20.99
	25RB (0)	1752.5 (20375)	22.85	21.88	20.86
		1732.5 (20175)	22.95	21.92	20.91
		1712.5 (19975)	22.92	21.89	20.89
10MHz	1RB-High (49)	1750 (20350)	23.83	23.06	21.98
		1732.5 (20175)	23.87	23.14	22.05
		1715 (20000)	24.04	23.21	22.15
	1RB-Middle (24)	1750 (20350)	23.81	23.01	22.01
		1732.5 (20175)	23.95	23.27	22.16
		1715 (20000)	23.95	23.18	22.15
	1RB-Low (0)	1750 (20350)	23.94	23.17	22.05
		1732.5 (20175)	23.89	23.10	22.01
		1715 (20000)	23.91	23.15	22.13
	25RB-High (25)	1750 (20350)	22.86	21.87	20.82
		1732.5 (20175)	22.92	21.90	20.84
		1715 (20000)	22.98	21.98	20.96
	25RB-Middle (12)	1750 (20350)	22.87	21.86	20.85
		1732.5 (20175)	22.96	21.98	20.97
		1715 (20000)	22.97	21.93	20.92
	25RB-Low (0)	1750 (20350)	22.87	21.88	20.87
		1732.5 (20175)	22.98	21.98	20.96
		1715 (20000)	22.92	21.92	20.87
	50RB (0)	1750 (20350)	22.86	21.88	20.84
		1732.5 (20175)	22.91	21.91	20.90
		1715 (20000)	22.98	21.92	20.92

15MHz	1RB-High (74)	1747.5 (20325)	23.86	23.19	22.08
		1732.5 (20175)	23.94	23.23	22.09
		1717.5 (20025)	23.89	23.11	21.95
	1RB-Middle (37)	1747.5 (20325)	23.89	23.18	22.05
		1732.5 (20175)	23.95	23.24	22.21
		1717.5 (20025)	24.10	23.16	22.06
	1RB-Low (0)	1747.5 (20325)	23.89	23.17	22.14
		1732.5 (20175)	23.97	23.25	22.17
		1717.5 (20025)	23.99	23.26	22.12
	36RB-High (38)	1747.5 (20325)	22.85	21.88	20.88
		1732.5 (20175)	22.89	21.90	20.94
		1717.5 (20025)	22.94	21.95	20.94
	36RB-Middle (19)	1747.5 (20325)	22.86	21.87	20.90
		1732.5 (20175)	22.93	21.91	20.90
		1717.5 (20025)	22.98	21.96	21.03
	36RB-Low (0)	1747.5 (20325)	22.89	21.95	20.96
		1732.5 (20175)	22.92	21.94	20.95
		1717.5 (20025)	22.97	21.95	20.98
	75RB (0)	1747.5 (20325)	22.88	21.93	20.88
		1732.5 (20175)	22.95	21.90	20.95
		1717.5 (20025)	22.97	21.97	20.94
20MHz	1RB-High (99)	1745 (20300)	23.88	23.12	22.05
		1732.5 (20175)	23.97	23.19	22.03
		1720 (20050)	24.01	23.15	22.20
	1RB-Middle (50)	1745 (20300)	23.91	23.20	22.07
		1732.5 (20175)	24.00	23.24	22.11
		1720 (20050)	23.98	23.14	22.20
	1RB-Low (0)	1745 (20300)	23.95	23.24	22.15
		1732.5 (20175)	23.87	23.04	21.97
		1720 (20050)	23.99	23.10	22.03
	50RB-High (50)	1745 (20300)	22.92	21.95	20.92
		1732.5 (20175)	22.95	21.93	20.93
		1720 (20050)	22.96	21.93	20.94
	50RB-Middle (25)	1745 (20300)	22.94	21.95	20.92
		1732.5 (20175)	22.97	21.96	20.95
		1720 (20050)	23.00	21.94	21.00
	50RB-Low (0)	1745 (20300)	22.98	22.00	20.98
		1732.5 (20175)	22.96	21.96	20.93
		1720 (20050)	22.99	22.01	20.99
	100RB (0)	1745 (20300)	22.99	21.93	20.92
		1732.5 (20175)	22.95	21.97	20.92
		1720 (20050)	22.99	21.99	20.96

LTE Band4(ANT1 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	20.27	20.46	20.54
		1732.5 (20175)	20.45	20.86	20.57
		1710.7 (19957)	20.43	20.70	20.57
	1RB-Middle (3)	1754.3 (20393)	20.31	20.60	20.49
		1732.5 (20175)	20.39	20.77	20.60
		1710.7 (19957)	20.39	20.72	20.54
	1RB-Low (0)	1754.3 (20393)	20.27	20.55	20.54
		1732.5 (20175)	20.44	20.79	20.62
		1710.7 (19957)	20.43	20.82	20.60
	3RB-High (3)	1754.3 (20393)	20.35	20.30	20.39
		1732.5 (20175)	20.45	20.36	20.50
		1710.7 (19957)	20.44	20.39	20.43
	3RB-Middle (1)	1754.3 (20393)	20.35	20.23	20.41
		1732.5 (20175)	20.43	20.46	20.55
		1710.7 (19957)	20.44	20.46	20.50
	3RB-Low (0)	1754.3 (20393)	20.34	20.29	20.46
		1732.5 (20175)	20.37	20.42	20.48
		1710.7 (19957)	20.42	20.48	20.55
	6RB (0)	1754.3 (20393)	20.30	20.39	20.34
		1732.5 (20175)	20.44	20.58	20.37
		1710.7 (19957)	20.44	20.47	20.37
3MHz	1RB-High (14)	1753.5 (20385)	20.27	20.51	20.47
		1732.5 (20175)	20.36	20.70	20.57
		1711.5 (19965)	20.39	20.77	20.66
	1RB-Middle (7)	1753.5 (20385)	20.31	20.76	20.57
		1732.5 (20175)	20.48	20.68	20.67
		1711.5 (19965)	20.41	20.80	20.60
	1RB-Low (0)	1753.5 (20385)	20.29	20.62	20.45
		1732.5 (20175)	20.48	20.77	20.63
		1711.5 (19965)	20.40	20.82	20.60
	8RB-High (7)	1753.5 (20385)	20.33	20.41	20.43
		1732.5 (20175)	20.41	20.47	20.44
		1711.5 (19965)	20.42	20.49	20.45
	8RB-Middle (4)	1753.5 (20385)	20.31	20.38	20.33
		1732.5 (20175)	20.40	20.47	20.48
		1711.5 (19965)	20.42	20.49	20.46
	8RB-Low (0)	1753.5 (20385)	20.37	20.42	20.39
		1732.5 (20175)	20.49	20.54	20.52
		1711.5 (19965)	20.42	20.49	20.51
	15RB (0)	1753.5 (20385)	20.33	20.36	20.36
		1732.5 (20175)	20.38	20.39	20.38
		1711.5 (19965)	20.44	20.42	20.48

5MHz	1RB-High (24)	1752.5 (20375)	20.32	20.76	20.62
		1732.5 (20175)	20.39	20.83	20.54
		1712.5 (19975)	20.47	20.82	20.62
	1RB-Middle (12)	1752.5 (20375)	20.47	20.68	20.46
		1732.5 (20175)	20.44	20.85	20.60
		1712.5 (19975)	20.42	20.66	20.71
	1RB-Low (0)	1752.5 (20375)	20.38	20.75	20.55
		1732.5 (20175)	20.50	20.90	20.66
		1712.5 (19975)	20.47	20.74	20.65
	12RB-High (13)	1752.5 (20375)	20.41	20.41	20.42
		1732.5 (20175)	20.45	20.44	20.49
		1712.5 (19975)	20.48	20.49	20.53
	12RB-Middle (6)	1752.5 (20375)	20.38	20.38	20.41
		1732.5 (20175)	20.46	20.51	20.52
		1712.5 (19975)	20.47	20.52	20.49
	12RB-Low (0)	1752.5 (20375)	20.36	20.36	20.37
		1732.5 (20175)	20.51	20.50	20.57
		1712.5 (19975)	20.51	20.56	20.56
	25RB (0)	1752.5 (20375)	20.40	20.41	20.42
		1732.5 (20175)	20.52	20.49	20.46
		1712.5 (19975)	20.52	20.52	20.50
10MHz	1RB-High (49)	1750 (20350)	20.32	20.81	20.55
		1732.5 (20175)	20.38	20.62	20.60
		1715 (20000)	20.55	20.83	20.78
	1RB-Middle (24)	1750 (20350)	20.36	20.66	20.60
		1732.5 (20175)	20.55	20.81	20.71
		1715 (20000)	20.52	20.98	20.70
	1RB-Low (0)	1750 (20350)	20.40	20.78	20.60
		1732.5 (20175)	20.45	20.81	20.61
		1715 (20000)	20.49	20.77	20.73
	25RB-High (25)	1750 (20350)	20.39	20.41	20.42
		1732.5 (20175)	20.48	20.46	20.48
		1715 (20000)	20.61	20.60	20.57
	25RB-Middle (12)	1750 (20350)	20.39	20.41	20.41
		1732.5 (20175)	20.54	20.55	20.54
		1715 (20000)	20.53	20.50	20.54
	25RB-Low (0)	1750 (20350)	20.44	20.43	20.41
		1732.5 (20175)	20.56	20.57	20.54
		1715 (20000)	20.51	20.49	20.48
	50RB (0)	1750 (20350)	20.43	20.41	20.40
		1732.5 (20175)	20.47	20.48	20.52
		1715 (20000)	20.55	20.56	20.55

15MHz	1RB-High (74)	1747.5 (20325)	20.39	20.58	20.61
		1732.5 (20175)	20.43	20.85	20.60
		1717.5 (20025)	20.47	20.90	20.57
	1RB-Middle (37)	1747.5 (20325)	20.40	20.78	20.63
		1732.5 (20175)	20.59	20.79	20.74
		1717.5 (20025)	20.58	20.95	20.67
	1RB-Low (0)	1747.5 (20325)	20.49	20.88	20.69
		1732.5 (20175)	20.49	20.77	20.63
		1717.5 (20025)	20.50	20.87	20.75
	36RB-High (38)	1747.5 (20325)	20.40	20.40	20.44
		1732.5 (20175)	20.43	20.44	20.41
		1717.5 (20025)	20.51	20.55	20.56
	36RB-Middle (19)	1747.5 (20325)	20.41	20.43	20.45
		1732.5 (20175)	20.48	20.47	20.50
		1717.5 (20025)	20.56	20.56	20.58
	36RB-Low (0)	1747.5 (20325)	20.43	20.47	20.48
		1732.5 (20175)	20.50	20.48	20.55
		1717.5 (20025)	20.53	20.53	20.56
	75RB (0)	1747.5 (20325)	20.45	20.48	20.49
		1732.5 (20175)	20.49	20.52	20.52
		1717.5 (20025)	20.56	20.56	20.55
20MHz	1RB-High (99)	1745 (20300)	20.43	20.68	20.57
		1732.5 (20175)	20.44	20.85	20.72
		1720 (20050)	20.57	20.88	20.86
	1RB-Middle (50)	1745 (20300)	20.42	20.78	20.59
		1732.5 (20175)	20.51	20.93	20.75
		1720 (20050)	20.53	20.86	20.67
	1RB-Low (0)	1745 (20300)	20.44	20.72	20.64
		1732.5 (20175)	20.40	20.85	20.70
		1720 (20050)	20.50	20.91	20.70
	50RB-High (50)	1745 (20300)	20.46	20.44	20.46
		1732.5 (20175)	20.46	20.47	20.46
		1720 (20050)	20.53	20.51	20.55
	50RB-Middle (25)	1745 (20300)	20.48	20.48	20.50
		1732.5 (20175)	20.50	20.52	20.52
		1720 (20050)	20.55	20.54	20.54
	50RB-Low (0)	1745 (20300)	20.52	20.55	20.54
		1732.5 (20175)	20.49	20.48	20.50
		1720 (20050)	20.60	20.58	20.59
	100RB (0)	1745 (20300)	20.47	20.49	20.45
		1732.5 (20175)	20.48	20.46	20.50
		1720 (20050)	20.55	20.55	20.55

LTE Band4(ANT1 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	16.22	16.62	16.55
		1732.5 (20175)	16.36	16.61	16.50
		1710.7 (19957)	16.42	16.75	16.53
	1RB-Middle (3)	1754.3 (20393)	16.27	16.67	16.46
		1732.5 (20175)	16.37	16.64	16.64
		1710.7 (19957)	16.42	16.77	16.65
	1RB-Low (0)	1754.3 (20393)	16.33	16.56	16.56
		1732.5 (20175)	16.37	16.77	16.59
		1710.7 (19957)	16.38	16.74	16.57
	3RB-High (3)	1754.3 (20393)	16.23	16.17	16.32
		1732.5 (20175)	16.35	16.27	16.42
		1710.7 (19957)	16.42	16.39	16.53
	3RB-Middle (1)	1754.3 (20393)	16.23	16.25	16.30
		1732.5 (20175)	16.35	16.36	16.52
		1710.7 (19957)	16.43	16.45	16.52
	3RB-Low (0)	1754.3 (20393)	16.27	16.12	16.40
		1732.5 (20175)	16.33	16.31	16.41
		1710.7 (19957)	16.45	16.39	16.55
	6RB (0)	1754.3 (20393)	16.23	16.28	16.18
		1732.5 (20175)	16.35	16.40	16.32
		1710.7 (19957)	16.39	16.45	16.40
3MHz	1RB-High (14)	1753.5 (20385)	16.22	16.59	16.31
		1732.5 (20175)	16.34	16.66	16.36
		1711.5 (19965)	16.43	16.68	16.52
	1RB-Middle (7)	1753.5 (20385)	16.28	16.40	16.62
		1732.5 (20175)	16.37	16.81	16.53
		1711.5 (19965)	16.35	16.65	16.53
	1RB-Low (0)	1753.5 (20385)	16.27	16.61	16.47
		1732.5 (20175)	16.36	16.62	16.49
		1711.5 (19965)	16.40	16.62	16.52
	8RB-High (7)	1753.5 (20385)	16.25	16.29	16.29
		1732.5 (20175)	16.32	16.39	16.41
		1711.5 (19965)	16.43	16.48	16.47
	8RB-Middle (4)	1753.5 (20385)	16.23	16.32	16.34
		1732.5 (20175)	16.31	16.39	16.40
		1711.5 (19965)	16.41	16.47	16.44
	8RB-Low (0)	1753.5 (20385)	16.27	16.35	16.35
		1732.5 (20175)	16.39	16.45	16.43
		1711.5 (19965)	16.44	16.51	16.50
	15RB (0)	1753.5 (20385)	16.28	16.30	16.27
		1732.5 (20175)	16.23	16.31	16.34
		1711.5 (19965)	16.39	16.40	16.43

5MHz	1RB-High (24)	1752.5 (20375)	16.26	16.66	16.53
		1732.5 (20175)	16.29	16.60	16.56
		1712.5 (19975)	16.50	16.89	16.73
	1RB-Middle (12)	1752.5 (20375)	16.21	16.67	16.51
		1732.5 (20175)	16.41	16.73	16.77
		1712.5 (19975)	16.43	16.70	16.60
	1RB-Low (0)	1752.5 (20375)	16.29	16.68	16.49
		1732.5 (20175)	16.43	16.71	16.62
		1712.5 (19975)	16.43	16.62	16.62
	12RB-High (13)	1752.5 (20375)	16.33	16.30	16.38
		1732.5 (20175)	16.32	16.37	16.44
		1712.5 (19975)	16.50	16.46	16.52
	12RB-Middle (6)	1752.5 (20375)	16.36	16.33	16.39
		1732.5 (20175)	16.36	16.39	16.42
		1712.5 (19975)	16.46	16.49	16.49
	12RB-Low (0)	1752.5 (20375)	16.32	16.37	16.37
		1732.5 (20175)	16.42	16.43	16.45
		1712.5 (19975)	16.48	16.54	16.53
	25RB (0)	1752.5 (20375)	16.38	16.35	16.35
		1732.5 (20175)	16.42	16.38	16.37
		1712.5 (19975)	16.49	16.48	16.47
10MHz	1RB-High (49)	1750 (20350)	16.33	16.55	16.44
		1732.5 (20175)	16.38	16.81	16.57
		1715 (20000)	16.53	16.91	16.72
	1RB-Middle (24)	1750 (20350)	16.33	16.70	16.40
		1732.5 (20175)	16.49	16.83	16.67
		1715 (20000)	16.58	16.77	16.73
	1RB-Low (0)	1750 (20350)	16.41	16.75	16.64
		1732.5 (20175)	16.37	16.80	16.53
		1715 (20000)	16.47	16.78	16.65
	25RB-High (25)	1750 (20350)	16.38	16.35	16.37
		1732.5 (20175)	16.36	16.34	16.38
		1715 (20000)	16.55	16.56	16.56
	25RB-Middle (12)	1750 (20350)	16.38	16.36	16.36
		1732.5 (20175)	16.42	16.43	16.44
		1715 (20000)	16.54	16.51	16.55
	25RB-Low (0)	1750 (20350)	16.37	16.34	16.36
		1732.5 (20175)	16.46	16.42	16.45
		1715 (20000)	16.50	16.50	16.48
	50RB (0)	1750 (20350)	16.37	16.38	16.35
		1732.5 (20175)	16.42	16.40	16.40
		1715 (20000)	16.52	16.52	16.56

15MHz	1RB-High (74)	1747.5 (20325)	16.30	16.65	16.52
		1732.5 (20175)	16.43	16.80	16.53
		1717.5 (20025)	16.43	16.78	16.64
	1RB-Middle (37)	1747.5 (20325)	16.33	16.58	16.56
		1732.5 (20175)	16.45	16.93	16.69
		1717.5 (20025)	16.58	16.92	16.84
	1RB-Low (0)	1747.5 (20325)	16.41	16.71	16.63
		1732.5 (20175)	16.37	16.76	16.53
		1717.5 (20025)	16.48	16.76	16.73
	36RB-High (38)	1747.5 (20325)	16.35	16.37	16.38
		1732.5 (20175)	16.35	16.37	16.43
		1717.5 (20025)	16.50	16.50	16.52
	36RB-Middle (19)	1747.5 (20325)	16.37	16.36	16.40
		1732.5 (20175)	16.39	16.37	16.44
		1717.5 (20025)	16.55	16.51	16.55
	36RB-Low (0)	1747.5 (20325)	16.40	16.40	16.43
		1732.5 (20175)	16.41	16.43	16.43
		1717.5 (20025)	16.54	16.57	16.56
	75RB (0)	1747.5 (20325)	16.41	16.42	16.37
		1732.5 (20175)	16.43	16.42	16.40
		1717.5 (20025)	16.52	16.54	16.53
20MHz	1RB-High (99)	1745 (20300)	16.39	16.59	16.59
		1732.5 (20175)	16.32	16.72	16.53
		1720 (20050)	16.48	16.80	16.66
	1RB-Middle (50)	1745 (20300)	16.46	16.74	16.69
		1732.5 (20175)	16.48	16.92	16.65
		1720 (20050)	16.54	16.93	16.84
	1RB-Low (0)	1745 (20300)	16.42	16.74	16.60
		1732.5 (20175)	16.44	16.75	16.55
		1720 (20050)	16.51	16.76	16.69
	50RB-High (50)	1745 (20300)	16.40	16.43	16.40
		1732.5 (20175)	16.44	16.42	16.45
		1720 (20050)	16.53	16.50	16.52
	50RB-Middle (25)	1745 (20300)	16.44	16.42	16.41
		1732.5 (20175)	16.45	16.48	16.45
		1720 (20050)	16.56	16.56	16.56
	50RB-Low (0)	1745 (20300)	16.49	16.48	16.48
		1732.5 (20175)	16.46	16.47	16.45
		1720 (20050)	16.54	16.59	16.57
	100RB (0)	1745 (20300)	16.44	16.41	16.43
		1732.5 (20175)	16.44	16.43	16.44
		1720 (20050)	16.54	16.50	16.52

LTE Band4(ANT4 ECI3/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	23.17	22.35	21.19
		1732.5 (20175)	23.31	22.61	21.45
		1710.7 (19957)	23.21	22.35	21.39
	1RB-Middle (3)	1754.3 (20393)	23.16	22.56	21.29
		1732.5 (20175)	23.32	22.68	21.43
		1710.7 (19957)	23.44	22.39	21.37
	1RB-Low (0)	1754.3 (20393)	23.15	22.36	21.34
		1732.5 (20175)	23.33	22.65	21.45
		1710.7 (19957)	23.31	22.41	21.45
	3RB-High (3)	1754.3 (20393)	23.18	22.15	21.20
		1732.5 (20175)	23.33	22.32	21.37
		1710.7 (19957)	23.28	22.13	21.24
	3RB-Middle (1)	1754.3 (20393)	23.13	22.12	21.15
		1732.5 (20175)	23.36	22.40	21.40
		1710.7 (19957)	23.35	22.21	21.19
	3RB-Low (0)	1754.3 (20393)	23.17	22.11	21.18
		1732.5 (20175)	23.27	22.31	21.31
		1710.7 (19957)	23.18	22.19	21.24
	6RB (0)	1754.3 (20393)	22.17	21.23	20.09
		1732.5 (20175)	22.32	21.37	20.22
		1710.7 (19957)	22.23	21.23	20.14
3MHz	1RB-High (14)	1753.5 (20385)	23.10	22.46	21.34
		1732.5 (20175)	23.22	22.43	21.39
		1711.5 (19965)	23.25	22.57	21.38
	1RB-Middle (7)	1753.5 (20385)	23.19	22.36	21.34
		1732.5 (20175)	23.47	22.58	21.38
		1711.5 (19965)	23.26	22.44	21.38
	1RB-Low (0)	1753.5 (20385)	23.12	22.37	21.31
		1732.5 (20175)	23.32	22.65	21.45
		1711.5 (19965)	23.28	22.47	21.35
	8RB-High (7)	1753.5 (20385)	22.19	21.23	20.23
		1732.5 (20175)	22.32	21.34	20.35
		1711.5 (19965)	22.25	21.26	20.25
	8RB-Middle (4)	1753.5 (20385)	22.17	21.22	20.26
		1732.5 (20175)	22.27	21.35	20.34
		1711.5 (19965)	22.22	21.31	20.26
	8RB-Low (0)	1753.5 (20385)	22.20	21.26	20.26
		1732.5 (20175)	22.32	21.37	20.47
		1711.5 (19965)	22.29	21.34	20.31
	15RB (0)	1753.5 (20385)	22.17	21.17	20.15
		1732.5 (20175)	22.24	21.30	20.29
		1711.5 (19965)	22.26	21.24	20.22

5MHz	1RB-High (24)	1752.5 (20375)	23.22	22.50	21.51
		1732.5 (20175)	23.25	22.47	21.42
		1712.5 (19975)	23.38	22.49	21.41
	1RB-Middle (12)	1752.5 (20375)	23.17	22.45	21.39
		1732.5 (20175)	23.43	22.67	21.46
		1712.5 (19975)	23.25	22.54	21.49
	1RB-Low (0)	1752.5 (20375)	23.24	22.56	21.44
		1732.5 (20175)	23.49	22.67	21.47
		1712.5 (19975)	23.25	22.44	21.45
	12RB-High (13)	1752.5 (20375)	22.25	21.26	20.29
		1732.5 (20175)	22.32	21.34	20.33
		1712.5 (19975)	22.29	21.30	20.28
	12RB-Middle (6)	1752.5 (20375)	22.21	21.26	20.27
		1732.5 (20175)	22.38	21.35	20.34
		1712.5 (19975)	22.29	21.25	20.27
	12RB-Low (0)	1752.5 (20375)	22.22	21.26	20.22
		1732.5 (20175)	22.35	21.40	20.41
		1712.5 (19975)	22.30	21.34	20.31
	25RB (0)	1752.5 (20375)	22.28	21.23	20.21
		1732.5 (20175)	22.37	21.28	20.33
		1712.5 (19975)	22.33	21.25	20.26
10MHz	1RB-High (49)	1750 (20350)	23.20	22.57	21.40
		1732.5 (20175)	23.26	22.50	21.40
		1715 (20000)	23.40	22.56	21.51
	1RB-Middle (24)	1750 (20350)	23.23	22.50	21.49
		1732.5 (20175)	23.37	22.61	21.60
		1715 (20000)	23.26	22.61	21.46
	1RB-Low (0)	1750 (20350)	23.31	22.47	21.35
		1732.5 (20175)	23.30	22.45	21.42
		1715 (20000)	23.30	22.52	21.35
	25RB-High (25)	1750 (20350)	22.22	21.22	20.24
		1732.5 (20175)	22.33	21.32	20.31
		1715 (20000)	22.37	21.34	20.35
	25RB-Middle (12)	1750 (20350)	22.28	21.26	20.26
		1732.5 (20175)	22.37	21.35	20.37
		1715 (20000)	22.32	21.28	20.33
	25RB-Low (0)	1750 (20350)	22.27	21.26	20.23
		1732.5 (20175)	22.37	21.36	20.30
		1715 (20000)	22.27	21.25	20.27
	50RB (0)	1750 (20350)	22.25	21.24	20.23
		1732.5 (20175)	22.34	21.32	20.32
		1715 (20000)	22.33	21.35	20.31

15MHz	1RB-High (74)	1747.5 (20325)	23.17	22.59	21.33
		1732.5 (20175)	23.31	22.46	21.43
		1717.5 (20025)	23.28	22.37	21.44
	1RB-Middle (37)	1747.5 (20325)	23.30	22.47	21.40
		1732.5 (20175)	23.43	22.68	21.54
		1717.5 (20025)	23.33	22.63	21.42
	1RB-Low (0)	1747.5 (20325)	23.33	22.55	21.55
		1732.5 (20175)	23.24	22.56	21.40
		1717.5 (20025)	23.32	22.64	21.47
	36RB-High (38)	1747.5 (20325)	22.22	21.22	20.22
		1732.5 (20175)	22.26	21.26	20.31
		1717.5 (20025)	22.34	21.36	20.35
	36RB-Middle (19)	1747.5 (20325)	22.25	21.26	20.28
		1732.5 (20175)	22.30	21.32	20.34
		1717.5 (20025)	22.35	21.32	20.32
	36RB-Low (0)	1747.5 (20325)	22.27	21.27	20.32
		1732.5 (20175)	22.32	21.34	20.31
		1717.5 (20025)	22.30	21.30	20.34
	75RB (0)	1747.5 (20325)	22.24	21.29	20.27
		1732.5 (20175)	22.33	21.31	20.31
		1717.5 (20025)	22.32	21.33	20.32
20MHz	1RB-High (99)	1745 (20300)	23.20	22.58	21.44
		1732.5 (20175)	23.31	22.48	21.45
		1720 (20050)	23.42	22.72	21.52
	1RB-Middle (50)	1745 (20300)	23.33	22.60	21.48
		1732.5 (20175)	23.42	22.56	21.47
		1720 (20050)	23.44	22.63	21.57
	1RB-Low (0)	1745 (20300)	23.34	22.55	21.51
		1732.5 (20175)	23.27	22.50	21.32
		1720 (20050)	23.26	22.54	21.43
	50RB-High (50)	1745 (20300)	22.29	21.28	20.26
		1732.5 (20175)	22.32	21.30	20.31
		1720 (20050)	22.35	21.32	20.31
	50RB-Middle (25)	1745 (20300)	22.31	21.29	20.27
		1732.5 (20175)	22.38	21.34	20.30
		1720 (20050)	22.39	21.34	20.32
	50RB-Low (0)	1745 (20300)	22.37	21.37	20.33
		1732.5 (20175)	22.35	21.34	20.32
		1720 (20050)	22.33	21.32	20.34
	100RB (0)	1745 (20300)	22.30	21.30	20.28
		1732.5 (20175)	22.35	21.30	20.29
		1720 (20050)	22.35	21.32	20.31

LTE Band5(ANT0 ECI3/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	848.3 (20643)	24.02	23.27	22.29
		836.5 (20525)	24.10	23.40	22.26
		824.7 (20407)	24.08	23.40	22.23
	1RB-Middle (3)	848.3 (20643)	24.10	23.33	22.14
		836.5 (20525)	24.13	23.36	22.28
		824.7 (20407)	24.05	23.27	22.20
	1RB-Low (0)	848.3 (20643)	24.16	23.36	22.29
		836.5 (20525)	24.18	23.50	22.28
		824.7 (20407)	24.02	23.38	22.16
	3RB-High (3)	848.3 (20643)	24.06	22.99	22.15
		836.5 (20525)	24.10	23.09	22.11
		824.7 (20407)	24.07	23.03	22.10
	3RB-Middle (1)	848.3 (20643)	24.08	23.07	22.12
		836.5 (20525)	24.14	23.16	22.15
		824.7 (20407)	24.06	23.05	22.05
	3RB-Low (0)	848.3 (20643)	24.06	23.04	22.12
		836.5 (20525)	24.09	23.10	22.17
		824.7 (20407)	24.02	22.93	22.06
	6RB (0)	848.3 (20643)	23.00	22.15	21.13
		836.5 (20525)	23.12	22.16	21.15
		824.7 (20407)	23.07	22.08	21.10
3MHz	1RB-High (14)	847.5 (20635)	24.00	23.38	22.22
		836.5 (20525)	24.11	23.40	22.24
		825.5 (20415)	24.04	23.41	22.20
	1RB-Middle (7)	847.5 (20635)	24.05	23.26	22.29
		836.5 (20525)	24.09	23.40	22.28
		825.5 (20415)	24.19	23.34	22.26
	1RB-Low (0)	847.5 (20635)	24.15	23.30	22.22
		836.5 (20525)	24.07	23.33	22.24
		825.5 (20415)	23.97	23.37	22.21
	8RB-High (7)	847.5 (20635)	23.01	22.08	21.15
		836.5 (20525)	23.11	22.12	21.22
		825.5 (20415)	23.09	22.11	21.15
	8RB-Middle (4)	847.5 (20635)	23.04	22.16	21.24
		836.5 (20525)	23.06	22.16	21.20
		825.5 (20415)	23.11	22.13	21.21
	8RB-Low (0)	847.5 (20635)	23.09	22.13	21.25
		836.5 (20525)	23.08	22.12	21.25
		825.5 (20415)	23.10	22.16	21.25
	15RB (0)	847.5 (20635)	23.08	22.02	21.14
		836.5 (20525)	23.10	22.13	21.17
		825.5 (20415)	23.05	22.10	21.15

5MHz	1RB-High (24)	846.5 (20625)	24.05	23.40	22.23
		836.5 (20525)	24.15	23.42	22.35
		826.5 (20425)	24.13	23.40	22.38
	1RB-Middle (12)	846.5 (20625)	24.17	23.32	22.37
		836.5 (20525)	24.12	23.37	22.40
		826.5 (20425)	24.23	23.46	22.44
	1RB-Low (0)	846.5 (20625)	24.14	23.51	22.37
		836.5 (20525)	24.18	23.45	22.35
		826.5 (20425)	24.07	23.45	22.22
	12RB-High (13)	846.5 (20625)	23.13	22.09	21.23
		836.5 (20525)	23.18	22.16	21.22
		826.5 (20425)	23.11	22.14	21.19
	12RB-Middle (6)	846.5 (20625)	23.13	22.16	21.27
		836.5 (20525)	23.15	22.18	21.28
		826.5 (20425)	23.17	22.15	21.21
	12RB-Low (0)	846.5 (20625)	23.15	22.22	21.30
		836.5 (20525)	23.14	22.13	21.25
		826.5 (20425)	23.19	22.19	21.30
	25RB (0)	846.5 (20625)	23.14	22.11	21.24
		836.5 (20525)	23.16	22.16	21.22
		826.5 (20425)	23.20	22.16	21.21
10MHz	1RB-High (49)	844 (20600)	24.14	23.46	22.32
		836.5 (20525)	24.20	23.44	22.34
		829 (20450)	24.26	23.53	22.42
	1RB-Middle (24)	844 (20600)	24.20	23.34	22.29
		836.5 (20525)	24.09	23.38	22.38
		829 (20450)	24.10	23.40	22.27
	1RB-Low (0)	844 (20600)	24.21	23.43	22.38
		836.5 (20525)	24.26	23.58	22.47
		829 (20450)	24.13	23.49	22.35
	25RB-High (25)	844 (20600)	23.14	22.12	21.18
		836.5 (20525)	23.19	22.15	21.25
		829 (20450)	23.19	22.13	21.21
	25RB-Middle (12)	844 (20600)	23.18	22.17	21.21
		836.5 (20525)	23.13	22.14	21.22
		829 (20450)	23.13	22.06	21.21
	25RB-Low (0)	844 (20600)	23.20	22.20	21.27
		836.5 (20525)	23.20	22.12	21.22
		829 (20450)	23.23	22.19	21.21
	50RB (0)	844 (20600)	23.17	22.20	21.24
		836.5 (20525)	23.19	22.13	21.19
		829 (20450)	23.19	22.20	21.17

LTE Band5(ANT1 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	848.3 (20643)	23.86	23.13	21.95
		836.5 (20525)	23.94	23.18	22.11
		824.7 (20407)	23.91	23.16	22.00
	1RB-Middle (3)	848.3 (20643)	23.91	23.28	22.01
		836.5 (20525)	23.88	23.08	22.12
		824.7 (20407)	23.87	23.15	22.01
	1RB-Low (0)	848.3 (20643)	23.87	23.12	22.08
		836.5 (20525)	23.92	23.17	22.12
		824.7 (20407)	23.83	22.99	21.98
	3RB-High (3)	848.3 (20643)	23.92	22.85	21.95
		836.5 (20525)	23.91	22.84	22.03
		824.7 (20407)	23.94	22.77	21.95
	3RB-Middle (1)	848.3 (20643)	23.88	22.89	22.01
		836.5 (20525)	23.91	22.94	21.90
		824.7 (20407)	23.85	22.88	21.93
	3RB-Low (0)	848.3 (20643)	23.93	22.82	22.03
		836.5 (20525)	23.98	22.87	22.08
		824.7 (20407)	23.85	22.79	21.90
	6RB (0)	848.3 (20643)	22.89	22.00	21.03
		836.5 (20525)	22.96	21.98	21.00
		824.7 (20407)	22.90	21.90	21.00
3MHz	1RB-High (14)	847.5 (20635)	23.83	23.20	22.03
		836.5 (20525)	23.91	23.15	22.15
		825.5 (20415)	23.91	23.10	22.06
	1RB-Middle (7)	847.5 (20635)	23.82	23.24	22.24
		836.5 (20525)	23.93	23.14	22.19
		825.5 (20415)	23.95	23.29	22.12
	1RB-Low (0)	847.5 (20635)	23.97	23.10	22.07
		836.5 (20525)	24.04	23.09	22.23
		825.5 (20415)	23.84	23.08	22.01
	8RB-High (7)	847.5 (20635)	22.84	21.89	21.02
		836.5 (20525)	22.94	21.97	21.06
		825.5 (20415)	22.94	21.94	20.98
	8RB-Middle (4)	847.5 (20635)	22.90	21.92	21.03
		836.5 (20525)	22.93	21.98	21.08
		825.5 (20415)	22.92	21.94	20.96
	8RB-Low (0)	847.5 (20635)	22.93	21.97	21.05
		836.5 (20525)	22.96	21.97	21.07
		825.5 (20415)	22.94	21.98	21.06
	15RB (0)	847.5 (20635)	22.88	21.92	20.97
		836.5 (20525)	22.89	21.90	20.99
		825.5 (20415)	22.86	21.89	20.97

5MHz	1RB-High (24)	846.5 (20625)	23.91	23.20	22.06
		836.5 (20525)	23.97	23.13	22.18
		826.5 (20425)	23.98	23.25	22.15
	1RB-Middle (12)	846.5 (20625)	24.01	23.16	22.03
		836.5 (20525)	24.00	23.28	22.20
		826.5 (20425)	23.96	23.30	22.35
	1RB-Low (0)	846.5 (20625)	23.96	23.19	22.04
		836.5 (20525)	24.04	23.28	22.17
		826.5 (20425)	23.92	23.16	22.13
	12RB-High (13)	846.5 (20625)	22.91	21.91	21.03
		836.5 (20525)	22.94	21.96	21.09
		826.5 (20425)	22.90	21.97	21.03
	12RB-Middle (6)	846.5 (20625)	22.99	21.97	21.03
		836.5 (20525)	22.91	21.97	21.07
		826.5 (20425)	22.98	21.99	21.08
	12RB-Low (0)	846.5 (20625)	22.97	22.00	21.12
		836.5 (20525)	22.97	21.91	21.07
		826.5 (20425)	22.98	21.95	21.15
	25RB (0)	846.5 (20625)	23.00	21.96	21.04
		836.5 (20525)	23.00	21.97	21.05
		826.5 (20425)	23.03	21.99	21.04
10MHz	1RB-High (49)	844 (20600)	23.96	23.21	22.05
		836.5 (20525)	24.01	23.25	22.16
		829 (20450)	23.99	23.41	22.22
	1RB-Middle (24)	844 (20600)	23.93	23.19	22.10
		836.5 (20525)	23.93	23.21	22.11
		829 (20450)	23.91	23.25	22.16
	1RB-Low (0)	844 (20600)	24.10	23.36	22.17
		836.5 (20525)	24.06	23.42	22.19
		829 (20450)	24.05	23.23	22.23
	25RB-High (25)	844 (20600)	22.96	21.92	21.00
		836.5 (20525)	22.98	22.00	21.07
		829 (20450)	22.99	21.99	21.04
	25RB-Middle (12)	844 (20600)	23.00	21.99	20.99
		836.5 (20525)	22.97	21.95	21.02
		829 (20450)	22.93	21.96	21.03
	25RB-Low (0)	844 (20600)	23.02	22.01	21.08
		836.5 (20525)	22.97	21.96	21.06
		829 (20450)	23.05	22.03	21.03
	50RB (0)	844 (20600)	22.98	21.99	21.06
		836.5 (20525)	23.01	21.99	21.05
		829 (20450)	23.03	22.03	21.02

LTE Band5(ANT1 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	848.3 (20643)	21.53	21.80	21.76
		836.5 (20525)	21.61	21.85	21.75
		824.7 (20407)	21.55	21.80	21.73
	1RB-Middle (3)	848.3 (20643)	21.52	21.90	21.78
		836.5 (20525)	21.52	21.83	21.79
		824.7 (20407)	21.55	21.90	21.58
	1RB-Low (0)	848.3 (20643)	21.55	21.91	21.78
		836.5 (20525)	21.57	21.81	21.84
		824.7 (20407)	21.59	21.85	21.88
	3RB-High (3)	848.3 (20643)	21.57	21.57	21.61
		836.5 (20525)	21.58	21.51	21.70
		824.7 (20407)	21.56	21.53	21.69
	3RB-Middle (1)	848.3 (20643)	21.56	21.52	21.60
		836.5 (20525)	21.57	21.60	21.69
		824.7 (20407)	21.62	21.52	21.67
	3RB-Low (0)	848.3 (20643)	21.57	21.56	21.63
		836.5 (20525)	21.58	21.57	21.64
		824.7 (20407)	21.60	21.56	21.64
	6RB (0)	848.3 (20643)	21.53	21.60	20.98
		836.5 (20525)	21.62	21.69	21.10
		824.7 (20407)	21.56	21.64	21.05
3MHz	1RB-High (14)	847.5 (20635)	21.50	21.65	21.72
		836.5 (20525)	21.55	21.75	21.74
		825.5 (20415)	21.52	21.82	21.70
	1RB-Middle (7)	847.5 (20635)	21.52	21.79	21.81
		836.5 (20525)	21.64	21.89	21.74
		825.5 (20415)	21.51	21.94	21.86
	1RB-Low (0)	847.5 (20635)	21.53	21.84	21.82
		836.5 (20525)	21.59	21.92	21.79
		825.5 (20415)	21.57	21.93	21.79
	8RB-High (7)	847.5 (20635)	21.52	21.60	21.08
		836.5 (20525)	21.59	21.66	21.14
		825.5 (20415)	21.51	21.61	21.07
	8RB-Middle (4)	847.5 (20635)	21.59	21.65	21.10
		836.5 (20525)	21.63	21.65	21.14
		825.5 (20415)	21.53	21.62	21.06
	8RB-Low (0)	847.5 (20635)	21.61	21.67	21.14
		836.5 (20525)	21.55	21.63	21.15
		825.5 (20415)	21.64	21.67	21.16
	15RB (0)	847.5 (20635)	21.56	21.54	21.02
		836.5 (20525)	21.55	21.60	21.09
		825.5 (20415)	21.57	21.56	21.06

5MHz	1RB-High (24)	846.5 (20625)	21.54	21.95	21.78
		836.5 (20525)	21.59	21.96	21.81
		826.5 (20425)	21.60	21.97	21.78
	1RB-Middle (12)	846.5 (20625)	21.57	21.96	21.85
		836.5 (20525)	21.66	21.86	21.80
		826.5 (20425)	21.54	21.96	21.75
	1RB-Low (0)	846.5 (20625)	21.63	21.99	21.82
		836.5 (20525)	21.64	22.05	21.86
		826.5 (20425)	21.62	21.85	21.84
	12RB-High (13)	846.5 (20625)	21.57	21.63	21.12
		836.5 (20525)	21.61	21.63	21.12
		826.5 (20425)	21.63	21.63	21.16
	12RB-Middle (6)	846.5 (20625)	21.66	21.65	21.16
		836.5 (20525)	21.61	21.61	21.17
		826.5 (20425)	21.63	21.58	21.14
	12RB-Low (0)	846.5 (20625)	21.68	21.66	21.22
		836.5 (20525)	21.64	21.62	21.14
		826.5 (20425)	21.63	21.69	21.17
	25RB (0)	846.5 (20625)	21.64	21.66	21.12
		836.5 (20525)	21.65	21.64	21.13
		826.5 (20425)	21.63	21.62	21.10
10MHz	1RB-High (49)	844 (20600)	21.58	21.97	21.71
		836.5 (20525)	21.65	22.06	21.84
		829 (20450)	21.66	21.91	21.79
	1RB-Middle (24)	844 (20600)	21.53	21.81	21.73
		836.5 (20525)	21.62	22.01	21.79
		829 (20450)	21.57	21.82	21.82
	1RB-Low (0)	844 (20600)	21.66	21.95	21.90
		836.5 (20525)	21.61	22.00	21.83
		829 (20450)	21.59	21.89	21.87
	25RB-High (25)	844 (20600)	21.60	21.58	21.08
		836.5 (20525)	21.64	21.64	21.14
		829 (20450)	21.59	21.60	21.11
	25RB-Middle (12)	844 (20600)	21.61	21.59	21.10
		836.5 (20525)	21.62	21.61	21.11
		829 (20450)	21.65	21.61	21.13
	25RB-Low (0)	844 (20600)	21.66	21.66	21.16
		836.5 (20525)	21.61	21.61	21.10
		829 (20450)	21.62	21.57	21.12
	50RB (0)	844 (20600)	21.65	21.65	21.15
		836.5 (20525)	21.62	21.61	21.12
		829 (20450)	21.60	21.60	21.11

LTE Band7(ANT0 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2567.5 (21425)	21.64	22.07	21.89
		2535 (21100)	21.66	21.84	21.74
		2502.5 (20775)	21.78	22.12	21.92
	1RB-Middle (12)	2567.5 (21425)	21.64	22.02	21.88
		2535 (21100)	21.82	22.00	21.99
		2502.5 (20775)	21.86	22.17	22.05
	1RB-Low (0)	2567.5 (21425)	21.62	21.92	21.74
		2535 (21100)	21.73	22.09	21.83
		2502.5 (20775)	21.90	22.11	22.04
	12RB-High (13)	2567.5 (21425)	21.73	21.72	21.32
		2535 (21100)	21.63	21.64	21.15
		2502.5 (20775)	21.85	21.87	21.34
	12RB-Middle (6)	2567.5 (21425)	21.68	21.72	21.25
		2535 (21100)	21.69	21.68	21.23
		2502.5 (20775)	21.86	21.95	21.43
	12RB-Low (0)	2567.5 (21425)	21.68	21.70	21.28
		2535 (21100)	21.72	21.74	21.26
		2502.5 (20775)	21.90	21.96	21.44
	25RB (0)	2567.5 (21425)	21.69	21.71	21.21
		2535 (21100)	21.71	21.71	21.19
		2502.5 (20775)	21.91	21.88	21.35
10MHz	1RB-High (49)	2565 (21400)	21.75	22.04	21.91
		2535 (21100)	21.59	21.87	21.79
		2505 (20800)	21.77	22.15	21.96
	1RB-Middle (24)	2565 (21400)	21.55	21.89	21.68
		2535 (21100)	21.60	21.85	21.82
		2505 (20800)	21.67	22.08	21.84
	1RB-Low (0)	2565 (21400)	21.65	21.86	21.78
		2535 (21100)	21.74	22.02	21.97
		2505 (20800)	21.88	22.16	21.99
	25RB-High (25)	2565 (21400)	21.62	21.62	21.13
		2535 (21100)	21.61	21.61	21.14
		2505 (20800)	21.81	21.80	21.29
	25RB-Middle (12)	2565 (21400)	21.58	21.61	21.09
		2535 (21100)	21.60	21.59	21.11
		2505 (20800)	21.78	21.79	21.28
	25RB-Low (0)	2565 (21400)	21.61	21.63	21.13
		2535 (21100)	21.67	21.66	21.19
		2505 (20800)	21.85	21.82	21.30
	50RB (0)	2565 (21400)	21.61	21.63	21.12
		2535 (21100)	21.65	21.65	21.16
		2505 (20800)	21.81	21.81	21.30

15MHz	1RB-High (74)	2562.5 (21375)	21.70	21.93	21.85
		2535 (21100)	21.58	21.88	21.81
		2507.5 (20825)	21.77	22.10	21.89
	1RB-Middle (37)	2562.5 (21375)	21.58	21.78	21.78
		2535 (21100)	21.63	21.98	21.71
		2507.5 (20825)	21.67	21.97	21.89
	1RB-Low (0)	2562.5 (21375)	21.60	21.82	21.80
		2535 (21100)	21.78	22.09	22.01
		2507.5 (20825)	21.84	22.11	22.06
	36RB-High (38)	2562.5 (21375)	21.56	21.59	21.12
		2535 (21100)	21.58	21.57	21.13
		2507.5 (20825)	21.76	21.80	21.33
	36RB-Middle (19)	2562.5 (21375)	21.59	21.58	21.16
		2535 (21100)	21.61	21.61	21.17
		2507.5 (20825)	21.72	21.76	21.27
	36RB-Low (0)	2562.5 (21375)	21.62	21.63	21.17
		2535 (21100)	21.68	21.69	21.22
		2507.5 (20825)	21.75	21.76	21.27
	75RB (0)	2562.5 (21375)	21.61	21.64	21.15
		2535 (21100)	21.62	21.69	21.16
		2507.5 (20825)	21.79	21.83	21.31
20MHz	1RB-High (99)	2560 (21350)	21.67	21.91	21.88
		2535 (21100)	21.62	21.80	21.76
		2510 (20850)	21.81	22.13	21.95
	1RB-Middle (50)	2560 (21350)	21.59	21.94	21.73
		2535 (21100)	21.64	21.87	21.77
		2510 (20850)	21.72	22.06	21.85
	1RB-Low (0)	2560 (21350)	21.35	21.76	21.59
		2535 (21100)	21.57	21.98	21.68
		2510 (20850)	21.60	21.94	21.71
	50RB-High (50)	2560 (21350)	21.63	21.65	21.15
		2535 (21100)	21.62	21.62	21.15
		2510 (20850)	21.83	21.80	21.30
	50RB-Middle (25)	2560 (21350)	21.63	21.61	21.15
		2535 (21100)	21.68	21.65	21.18
		2510 (20850)	21.80	21.78	21.27
	50RB-Low (0)	2560 (21350)	21.41	21.38	20.93
		2535 (21100)	21.55	21.56	21.13
		2510 (20850)	21.57	21.53	21.08
	100RB (0)	2560 (21350)	21.42	21.39	20.92
		2535 (21100)	21.47	21.47	21.01
		2510 (20850)	21.56	21.56	21.02

LTE Band7(ANT0 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2567.5 (21425)	24.20	23.57	22.45
		2535 (21100)	24.05	23.42	22.27
		2502.5 (20775)	24.29	23.50	22.43
	1RB-Middle (12)	2567.5 (21425)	24.18	23.37	22.34
		2535 (21100)	24.15	23.42	22.25
		2502.5 (20775)	24.43	23.58	22.43
	1RB-Low (0)	2567.5 (21425)	24.09	23.42	22.22
		2535 (21100)	24.14	23.44	22.41
		2502.5 (20775)	24.40	23.60	22.54
	12RB-High (13)	2567.5 (21425)	23.26	22.23	21.24
		2535 (21100)	23.10	22.17	21.19
		2502.5 (20775)	23.34	22.28	21.34
	12RB-Middle (6)	2567.5 (21425)	23.17	22.20	21.20
		2535 (21100)	23.19	22.17	21.21
		2502.5 (20775)	23.43	22.42	21.36
	12RB-Low (0)	2567.5 (21425)	23.14	22.22	21.21
		2535 (21100)	23.17	22.18	21.18
		2502.5 (20775)	23.44	22.38	21.41
	25RB (0)	2567.5 (21425)	23.21	22.21	21.23
		2535 (21100)	23.16	22.19	21.19
		2502.5 (20775)	23.42	22.33	21.32
10MHz	1RB-High (49)	2565 (21400)	24.09	23.43	22.38
		2535 (21100)	24.08	23.29	22.26
		2505 (20800)	24.38	23.58	22.46
	1RB-Middle (24)	2565 (21400)	24.10	23.24	22.27
		2535 (21100)	24.18	23.38	22.22
		2505 (20800)	24.29	23.61	22.33
	1RB-Low (0)	2565 (21400)	24.15	23.47	22.27
		2535 (21100)	24.30	23.41	22.35
		2505 (20800)	24.46	23.70	22.51
	25RB-High (25)	2565 (21400)	23.17	22.18	21.13
		2535 (21100)	23.10	22.09	21.09
		2505 (20800)	23.39	22.32	21.27
	25RB-Middle (12)	2565 (21400)	23.13	22.14	21.09
		2535 (21100)	23.09	22.10	21.08
		2505 (20800)	23.36	22.29	21.22
	25RB-Low (0)	2565 (21400)	23.11	22.09	21.12
		2535 (21100)	23.18	22.17	21.15
		2505 (20800)	23.40	22.36	21.28
	50RB (0)	2565 (21400)	23.15	22.13	21.15
		2535 (21100)	23.12	22.12	21.14
		2505 (20800)	23.35	22.33	21.26

15MHz	1RB-High (74)	2562.5 (21375)	24.18	23.48	22.39
		2535 (21100)	24.08	23.27	22.26
		2507.5 (20825)	24.43	23.55	22.53
	1RB-Middle (37)	2562.5 (21375)	24.14	23.32	22.23
		2535 (21100)	24.16	23.39	22.36
		2507.5 (20825)	24.35	23.40	22.38
	1RB-Low (0)	2562.5 (21375)	24.09	23.36	22.24
		2535 (21100)	24.34	23.51	22.49
		2507.5 (20825)	24.46	23.49	22.49
	36RB-High (38)	2562.5 (21375)	23.17	22.08	21.13
		2535 (21100)	23.08	22.09	21.12
		2507.5 (20825)	23.33	22.29	21.30
	36RB-Middle (19)	2562.5 (21375)	23.10	22.09	21.12
		2535 (21100)	23.10	22.11	21.15
		2507.5 (20825)	23.31	22.25	21.24
	36RB-Low (0)	2562.5 (21375)	23.11	22.13	21.17
		2535 (21100)	23.22	22.20	21.24
		2507.5 (20825)	23.36	22.25	21.26
	75RB (0)	2562.5 (21375)	23.14	22.15	21.12
		2535 (21100)	23.12	22.18	21.17
		2507.5 (20825)	23.38	22.32	21.29
20MHz	1RB-High (99)	2560 (21350)	24.18	23.47	22.39
		2535 (21100)	24.03	23.30	22.29
		2510 (20850)	24.37	23.65	22.44
	1RB-Middle (50)	2560 (21350)	24.25	23.41	22.30
		2535 (21100)	24.27	23.31	22.34
		2510 (20850)	24.41	23.51	22.37
	1RB-Low (0)	2560 (21350)	23.95	23.16	22.09
		2535 (21100)	24.16	23.45	22.27
		2510 (20850)	24.32	23.50	22.24
	50RB-High (50)	2560 (21350)	23.17	22.14	21.13
		2535 (21100)	23.16	22.12	21.12
		2510 (20850)	23.45	22.35	21.32
	50RB-Middle (25)	2560 (21350)	23.19	22.17	21.15
		2535 (21100)	23.21	22.18	21.18
		2510 (20850)	23.44	22.33	21.27
	50RB-Low (0)	2560 (21350)	22.95	21.86	20.91
		2535 (21100)	23.13	22.06	21.08
		2510 (20850)	23.20	22.09	21.07
	100RB (0)	2560 (21350)	22.96	21.90	20.91
		2535 (21100)	23.07	21.96	20.99
		2510 (20850)	23.18	22.07	21.07

LTE Band7(ANT1 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2567.5 (21425)	19.62	20.07	19.92
		2535 (21100)	19.51	19.80	19.67
		2502.5 (20775)	19.52	19.93	19.80
	1RB-Middle (12)	2567.5 (21425)	19.64	19.98	19.86
		2535 (21100)	19.50	19.98	19.63
		2502.5 (20775)	19.60	20.02	19.88
	1RB-Low (0)	2567.5 (21425)	19.57	19.95	19.77
		2535 (21100)	19.54	19.71	19.72
		2502.5 (20775)	19.66	20.08	19.83
	12RB-High (13)	2567.5 (21425)	19.64	19.75	19.78
		2535 (21100)	19.46	19.52	19.57
		2502.5 (20775)	19.56	19.64	19.64
	12RB-Middle (6)	2567.5 (21425)	19.63	19.72	19.70
		2535 (21100)	19.50	19.50	19.60
		2502.5 (20775)	19.66	19.72	19.73
	12RB-Low (0)	2567.5 (21425)	19.65	19.71	19.73
		2535 (21100)	19.52	19.58	19.54
		2502.5 (20775)	19.72	19.66	19.76
	25RB (0)	2567.5 (21425)	19.69	19.70	19.71
		2535 (21100)	19.54	19.56	19.55
		2502.5 (20775)	19.70	19.67	19.68
10MHz	1RB-High (49)	2565 (21400)	19.74	20.04	19.90
		2535 (21100)	19.56	19.92	19.67
		2505 (20800)	19.59	19.86	19.72
	1RB-Middle (24)	2565 (21400)	19.63	19.81	19.79
		2535 (21100)	19.50	19.88	19.62
		2505 (20800)	19.53	19.85	19.69
	1RB-Low (0)	2565 (21400)	19.68	19.93	19.93
		2535 (21100)	19.61	19.94	19.80
		2505 (20800)	19.68	20.07	19.87
	25RB-High (25)	2565 (21400)	19.66	19.63	19.67
		2535 (21100)	19.49	19.51	19.49
		2505 (20800)	19.62	19.59	19.59
	25RB-Middle (12)	2565 (21400)	19.66	19.62	19.60
		2535 (21100)	19.48	19.46	19.49
		2505 (20800)	19.61	19.55	19.59
	25RB-Low (0)	2565 (21400)	19.62	19.63	19.63
		2535 (21100)	19.53	19.55	19.55
		2505 (20800)	19.65	19.65	19.66
	50RB (0)	2565 (21400)	19.68	19.69	19.67
		2535 (21100)	19.51	19.53	19.52
		2505 (20800)	19.61	19.63	19.60

15MHz	1RB-High (74)	2562.5 (21375)	19.68	20.12	19.95
		2535 (21100)	19.56	19.73	19.70
		2507.5 (20825)	19.56	19.90	19.76
	1RB-Middle (37)	2562.5 (21375)	19.61	20.00	19.94
		2535 (21100)	19.51	19.88	19.70
		2507.5 (20825)	19.49	19.80	19.78
	1RB-Low (0)	2562.5 (21375)	19.63	20.07	19.86
		2535 (21100)	19.65	19.89	19.73
		2507.5 (20825)	19.69	20.06	19.91
	36RB-High (38)	2562.5 (21375)	19.63	19.66	19.67
		2535 (21100)	19.48	19.49	19.55
		2507.5 (20825)	19.59	19.60	19.59
	36RB-Middle (19)	2562.5 (21375)	19.63	19.62	19.68
		2535 (21100)	19.48	19.51	19.52
		2507.5 (20825)	19.52	19.53	19.61
	36RB-Low (0)	2562.5 (21375)	19.68	19.67	19.68
		2535 (21100)	19.52	19.58	19.58
		2507.5 (20825)	19.59	19.59	19.64
	75RB (0)	2562.5 (21375)	19.65	19.67	19.66
		2535 (21100)	19.51	19.54	19.54
		2507.5 (20825)	19.63	19.61	19.64
20MHz	1RB-High (99)	2560 (21350)	19.74	20.14	19.99
		2535 (21100)	19.58	19.88	19.69
		2510 (20850)	19.68	19.95	19.78
	1RB-Middle (50)	2560 (21350)	19.67	19.94	19.83
		2535 (21100)	19.52	19.85	19.66
		2510 (20850)	19.51	19.86	19.72
	1RB-Low (0)	2560 (21350)	19.53	19.84	19.80
		2535 (21100)	19.65	19.94	19.79
		2510 (20850)	19.63	20.07	19.92
	50RB-High (50)	2560 (21350)	19.70	19.69	19.71
		2535 (21100)	19.62	19.53	19.53
		2510 (20850)	19.65	19.62	19.60
	50RB-Middle (25)	2560 (21350)	19.66	19.68	19.67
		2535 (21100)	19.52	19.56	19.53
		2510 (20850)	19.57	19.60	19.59
	50RB-Low (0)	2560 (21350)	19.59	19.64	19.61
		2535 (21100)	19.60	19.58	19.60
		2510 (20850)	19.62	19.65	19.66
	100RB (0)	2560 (21350)	19.66	19.66	19.67
		2535 (21100)	19.55	19.52	19.58
		2510 (20850)	19.60	19.63	19.64

LTE Band7(ANT1 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2567.5 (21425)	15.61	15.89	15.77
		2535 (21100)	15.42	15.64	15.72
		2502.5 (20775)	15.45	15.68	15.79
	1RB-Middle (12)	2567.5 (21425)	15.57	15.89	15.72
		2535 (21100)	15.56	15.90	15.65
		2502.5 (20775)	15.47	15.73	15.71
	1RB-Low (0)	2567.5 (21425)	15.56	15.87	15.85
		2535 (21100)	15.49	15.82	15.76
		2502.5 (20775)	15.48	15.79	15.72
	12RB-High (13)	2567.5 (21425)	15.64	15.67	15.68
		2535 (21100)	15.52	15.53	15.57
		2502.5 (20775)	15.43	15.51	15.53
	12RB-Middle (6)	2567.5 (21425)	15.64	15.60	15.67
		2535 (21100)	15.48	15.51	15.54
		2502.5 (20775)	15.43	15.47	15.47
	12RB-Low (0)	2567.5 (21425)	15.60	15.63	15.68
		2535 (21100)	15.53	15.51	15.56
		2502.5 (20775)	15.50	15.51	15.57
	25RB (0)	2567.5 (21425)	15.64	15.61	15.67
		2535 (21100)	15.54	15.56	15.57
		2502.5 (20775)	15.52	15.48	15.52
10MHz	1RB-High (49)	2565 (21400)	15.63	15.88	15.74
		2535 (21100)	15.45	15.85	15.69
		2505 (20800)	15.42	15.93	15.67
	1RB-Middle (24)	2565 (21400)	15.52	15.83	15.74
		2535 (21100)	15.49	15.84	15.61
		2505 (20800)	15.39	15.73	15.64
	1RB-Low (0)	2565 (21400)	15.56	15.86	15.84
		2535 (21100)	15.59	15.90	15.65
		2505 (20800)	15.45	15.88	15.63
	25RB-High (25)	2565 (21400)	15.62	15.58	15.61
		2535 (21100)	15.50	15.48	15.51
		2505 (20800)	15.45	15.44	15.46
	25RB-Middle (12)	2565 (21400)	15.58	15.54	15.59
		2535 (21100)	15.49	15.46	15.49
		2505 (20800)	15.46	15.46	15.47
	25RB-Low (0)	2565 (21400)	15.59	15.57	15.58
		2535 (21100)	15.52	15.49	15.49
		2505 (20800)	15.44	15.44	15.45
	50RB (0)	2565 (21400)	15.63	15.62	15.61
		2535 (21100)	15.53	15.51	15.50
		2505 (20800)	15.45	15.44	15.47

15MHz	1RB-High (74)	2562.5 (21375)	15.61	16.00	15.79
		2535 (21100)	15.47	15.87	15.75
		2507.5 (20825)	15.42	15.71	15.60
	1RB-Middle (37)	2562.5 (21375)	15.55	15.93	15.68
		2535 (21100)	15.51	15.88	15.63
		2507.5 (20825)	15.40	15.61	15.64
	1RB-Low (0)	2562.5 (21375)	15.53	15.85	15.77
		2535 (21100)	15.57	15.85	15.81
		2507.5 (20825)	15.51	15.84	15.61
	36RB-High (38)	2562.5 (21375)	15.57	15.60	15.65
		2535 (21100)	15.50	15.49	15.50
		2507.5 (20825)	15.42	15.43	15.44
	36RB-Middle (19)	2562.5 (21375)	15.54	15.56	15.61
		2535 (21100)	15.48	15.48	15.54
		2507.5 (20825)	15.40	15.41	15.45
	36RB-Low (0)	2562.5 (21375)	15.56	15.60	15.61
		2535 (21100)	15.48	15.52	15.55
		2507.5 (20825)	15.44	15.45	15.52
	75RB (0)	2562.5 (21375)	15.60	15.60	15.59
		2535 (21100)	15.51	15.52	15.52
		2507.5 (20825)	15.46	15.46	15.49
20MHz	1RB-High (99)	2560 (21350)	15.78	15.99	15.90
		2535 (21100)	15.63	15.89	15.83
		2510 (20850)	15.49	15.76	15.72
	1RB-Middle (50)	2560 (21350)	15.63	15.71	15.77
		2535 (21100)	15.59	15.80	15.69
		2510 (20850)	15.50	15.86	15.62
	1RB-Low (0)	2560 (21350)	15.70	15.88	15.82
		2535 (21100)	15.60	15.91	15.79
		2510 (20850)	15.52	15.96	15.69
	50RB-High (50)	2560 (21350)	15.72	15.69	15.70
		2535 (21100)	15.54	15.61	15.55
		2510 (20850)	15.50	15.48	15.48
	50RB-Middle (25)	2560 (21350)	15.67	15.63	15.62
		2535 (21100)	15.60	15.57	15.57
		2510 (20850)	15.48	15.47	15.48
	50RB-Low (0)	2560 (21350)	15.61	15.58	15.62
		2535 (21100)	15.59	15.57	15.59
		2510 (20850)	15.54	15.52	15.54
	100RB (0)	2560 (21350)	15.63	15.55	15.60
		2535 (21100)	15.58	15.55	15.55
		2510 (20850)	15.54	15.49	15.49

LTE Band7(ANT4 ECI3/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2567.5 (21425)	22.82	22.18	21.07
		2535 (21100)	22.71	21.96	20.96
		2502.5 (20775)	23.38	22.53	21.44
	1RB-Middle (12)	2567.5 (21425)	22.82	21.99	20.93
		2535 (21100)	22.80	21.99	21.02
		2502.5 (20775)	23.30	22.53	21.37
	1RB-Low (0)	2567.5 (21425)	22.72	21.94	21.01
		2535 (21100)	22.98	22.22	21.08
		2502.5 (20775)	23.37	22.68	21.45
	12RB-High (13)	2567.5 (21425)	21.90	20.94	19.93
		2535 (21100)	21.79	20.82	19.86
		2502.5 (20775)	22.35	21.35	20.31
	12RB-Middle (6)	2567.5 (21425)	21.81	20.90	19.90
		2535 (21100)	21.85	20.87	19.92
		2502.5 (20775)	22.39	21.38	20.36
	12RB-Low (0)	2567.5 (21425)	21.82	20.85	19.87
		2535 (21100)	21.89	20.89	19.95
		2502.5 (20775)	22.43	21.40	20.38
	25RB (0)	2567.5 (21425)	21.85	20.89	19.84
		2535 (21100)	21.85	20.88	19.88
		2502.5 (20775)	22.44	21.38	20.30
10MHz	1RB-High (49)	2565 (21400)	23.01	22.30	21.08
		2535 (21100)	22.66	22.04	20.87
		2505 (20800)	23.37	22.48	21.36
	1RB-Middle (24)	2565 (21400)	22.71	21.89	20.87
		2535 (21100)	22.77	22.06	20.94
		2505 (20800)	23.26	22.41	21.42
	1RB-Low (0)	2565 (21400)	22.78	22.05	20.95
		2535 (21100)	23.10	22.25	21.05
		2505 (20800)	23.11	22.65	21.44
	25RB-High (25)	2565 (21400)	21.77	20.82	19.82
		2535 (21100)	21.77	20.75	19.76
		2505 (20800)	22.30	21.34	20.23
	25RB-Middle (12)	2565 (21400)	21.74	20.76	19.74
		2535 (21100)	21.79	20.80	19.81
		2505 (20800)	22.30	21.29	20.20
	25RB-Low (0)	2565 (21400)	21.73	20.76	19.72
		2535 (21100)	21.90	20.91	19.89
		2505 (20800)	22.36	21.32	20.25
	50RB (0)	2565 (21400)	21.74	20.80	19.80
		2535 (21100)	21.81	20.83	19.84
		2505 (20800)	22.31	21.31	20.24

15MHz	1RB-High (74)	2562.5 (21375)	22.78	22.06	21.04
		2535 (21100)	22.71	21.98	20.87
		2507.5 (20825)	23.26	22.31	21.35
	1RB-Middle (37)	2562.5 (21375)	22.68	21.94	20.85
		2535 (21100)	22.83	22.08	20.98
		2507.5 (20825)	23.22	22.42	21.34
	1RB-Low (0)	2562.5 (21375)	22.69	22.00	20.87
		2535 (21100)	23.09	22.11	21.14
		2507.5 (20825)	23.40	22.61	21.47
	36RB-High (38)	2562.5 (21375)	21.72	20.75	19.78
		2535 (21100)	21.70	20.74	19.79
		2507.5 (20825)	22.24	21.20	20.22
	36RB-Middle (19)	2562.5 (21375)	21.71	20.71	19.75
		2535 (21100)	21.78	20.76	19.83
		2507.5 (20825)	22.23	21.17	20.18
	36RB-Low (0)	2562.5 (21375)	21.71	20.76	19.79
		2535 (21100)	21.89	20.88	19.95
		2507.5 (20825)	22.23	21.21	20.21
	75RB (0)	2562.5 (21375)	21.74	20.78	19.80
		2535 (21100)	21.82	20.83	19.87
		2507.5 (20825)	22.28	21.27	20.23
20MHz	1RB-High (99)	2560 (21350)	22.90	22.13	20.97
		2535 (21100)	22.66	21.91	20.91
		2510 (20850)	23.16	22.28	21.26
	1RB-Middle (50)	2560 (21350)	22.67	22.04	20.85
		2535 (21100)	22.75	22.07	21.00
		2510 (20850)	23.22	22.40	21.21
	1RB-Low (0)	2560 (21350)	22.42	21.72	20.68
		2535 (21100)	22.76	22.14	21.02
		2510 (20850)	23.03	22.22	21.15
	50RB-High (50)	2560 (21350)	21.71	20.74	19.78
		2535 (21100)	21.68	20.77	19.74
		2510 (20850)	22.18	21.14	20.15
	50RB-Middle (25)	2560 (21350)	21.75	20.73	19.77
		2535 (21100)	21.80	20.83	19.80
		2510 (20850)	22.14	21.13	20.11
	50RB-Low (0)	2560 (21350)	21.51	20.48	19.50
		2535 (21100)	21.71	20.75	19.80
		2510 (20850)	21.91	20.91	19.94
	100RB (0)	2560 (21350)	21.55	20.54	19.52
		2535 (21100)	21.63	20.64	19.68
		2510 (20850)	21.91	20.93	19.92

LTE Band8(ANT0 ECI3/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	914.3 (21793)	24.40	23.67	22.52
		897.5 (21625)	24.27	23.62	22.58
		880.7 (21457)	24.47	23.61	22.69
	1RB-Middle (3)	914.3 (21793)	24.30	23.65	22.50
		897.5 (21625)	24.24	23.49	22.45
		880.7 (21457)	24.41	23.78	22.63
	1RB-Low (0)	914.3 (21793)	24.35	23.48	22.49
		897.5 (21625)	24.29	23.58	22.55
		880.7 (21457)	24.53	23.64	22.63
	3RB-High (3)	914.3 (21793)	24.51	23.33	22.45
		897.5 (21625)	24.39	23.21	22.33
		880.7 (21457)	24.49	23.43	22.53
	3RB-Middle (1)	914.3 (21793)	24.37	23.24	22.46
		897.5 (21625)	24.28	23.24	22.39
		880.7 (21457)	24.49	23.35	22.45
	3RB-Low (0)	914.3 (21793)	24.38	23.40	22.41
		897.5 (21625)	24.32	23.35	22.37
		880.7 (21457)	24.40	23.40	22.45
	6RB (0)	914.3 (21793)	23.35	22.46	21.39
		897.5 (21625)	23.31	22.37	21.22
		880.7 (21457)	23.39	22.47	21.38
3MHz	1RB-High (14)	913.5 (21785)	24.34	23.63	22.62
		897.5 (21625)	24.28	23.67	22.41
		881.5 (21465)	24.41	23.54	22.70
	1RB-Middle (7)	913.5 (21785)	24.38	23.67	22.50
		897.5 (21625)	24.30	23.62	22.59
		881.5 (21465)	24.46	23.73	22.63
	1RB-Low (0)	913.5 (21785)	24.26	23.57	22.45
		897.5 (21625)	24.37	23.68	22.52
		881.5 (21465)	24.43	23.62	22.61
	8RB-High (7)	913.5 (21785)	23.32	22.43	21.37
		897.5 (21625)	23.35	22.38	21.34
		881.5 (21465)	23.44	22.47	21.48
	8RB-Middle (4)	913.5 (21785)	23.34	22.39	21.28
		897.5 (21625)	23.34	22.39	21.37
		881.5 (21465)	23.43	22.50	21.44
	8RB-Low (0)	913.5 (21785)	23.36	22.43	21.34
		897.5 (21625)	23.35	22.38	21.36
		881.5 (21465)	23.43	22.51	21.54
	15RB (0)	913.5 (21785)	23.31	22.30	21.39
		897.5 (21625)	23.32	22.33	21.28
		881.5 (21465)	23.42	22.41	21.41

5MHz	1RB-High (24)	912.5 (21775)	24.46	23.61	22.58
		897.5 (21625)	24.37	23.70	22.54
		882.5 (21475)	24.48	23.68	22.56
	1RB-Middle (12)	912.5 (21775)	24.37	23.69	22.54
		897.5 (21625)	24.39	23.66	22.59
		882.5 (21475)	24.49	23.64	22.70
	1RB-Low (0)	912.5 (21775)	24.41	23.71	22.58
		897.5 (21625)	24.37	23.69	22.61
		882.5 (21475)	24.49	23.77	22.68
	12RB-High (13)	912.5 (21775)	23.39	22.35	21.37
		897.5 (21625)	23.37	22.40	21.35
		882.5 (21475)	23.49	22.44	21.49
	12RB-Middle (6)	912.5 (21775)	23.36	22.28	21.37
		897.5 (21625)	23.39	22.39	21.40
		882.5 (21475)	23.45	22.50	21.51
	12RB-Low (0)	912.5 (21775)	23.40	22.39	21.40
		897.5 (21625)	23.43	22.40	21.41
		882.5 (21475)	23.49	22.50	21.50
	25RB (0)	912.5 (21775)	23.42	22.39	21.38
		897.5 (21625)	23.43	22.42	21.38
		882.5 (21475)	23.54	22.52	21.50
10MHz	1RB-High (49)	910 (21750)	24.51	23.74	22.50
		897.5 (21625)	24.37	23.51	22.55
		885 (21500)	24.52	23.76	22.62
	1RB-Middle (24)	910 (21750)	24.37	23.71	22.49
		897.5 (21625)	24.43	23.60	22.63
		885 (21500)	24.41	23.72	22.62
	1RB-Low (0)	910 (21750)	24.48	23.77	22.70
		897.5 (21625)	24.39	23.79	22.59
		885 (21500)	24.51	23.72	22.72
	25RB-High (25)	910 (21750)	23.39	22.38	21.37
		897.5 (21625)	23.35	22.32	21.33
		885 (21500)	23.45	22.46	21.43
	25RB-Middle (12)	910 (21750)	23.34	22.35	21.33
		897.5 (21625)	23.36	22.33	21.33
		885 (21500)	23.43	22.44	21.39
	25RB-Low (0)	910 (21750)	23.40	22.42	21.36
		897.5 (21625)	23.42	22.42	21.39
		885 (21500)	23.50	22.52	21.49
	50RB (0)	910 (21750)	23.40	22.39	21.39
		897.5 (21625)	23.35	22.40	21.33
		885 (21500)	23.46	22.48	21.48

LTE Band8(ANT1 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	914.3 (21793)	24.27	23.34	22.28
		897.5 (21625)	24.14	23.42	22.35
		880.7 (21457)	24.27	23.62	22.43
	1RB-Middle (3)	914.3 (21793)	24.26	23.46	22.26
		897.5 (21625)	24.14	23.38	22.46
		880.7 (21457)	24.22	23.47	22.38
	1RB-Low (0)	914.3 (21793)	24.16	23.39	22.37
		897.5 (21625)	24.21	23.45	22.38
		880.7 (21457)	24.19	23.44	22.41
	3RB-High (3)	914.3 (21793)	24.32	23.11	22.30
		897.5 (21625)	24.10	23.02	22.23
		880.7 (21457)	24.24	23.27	22.31
	3RB-Middle (1)	914.3 (21793)	24.35	23.24	22.34
		897.5 (21625)	24.14	23.12	22.17
		880.7 (21457)	24.23	23.20	22.29
	3RB-Low (0)	914.3 (21793)	24.23	23.23	22.28
		897.5 (21625)	24.16	23.21	22.22
		880.7 (21457)	24.23	23.16	22.29
	6RB (0)	914.3 (21793)	23.22	22.29	21.14
		897.5 (21625)	23.19	22.25	21.07
		880.7 (21457)	23.24	22.28	21.20
3MHz	1RB-High (14)	913.5 (21785)	24.20	23.51	22.41
		897.5 (21625)	24.25	23.38	22.32
		881.5 (21465)	24.23	23.50	22.52
	1RB-Middle (7)	913.5 (21785)	24.29	23.45	22.45
		897.5 (21625)	24.21	23.39	22.32
		881.5 (21465)	24.31	23.49	22.38
	1RB-Low (0)	913.5 (21785)	24.14	23.41	22.36
		897.5 (21625)	24.24	23.43	22.33
		881.5 (21465)	24.32	23.55	22.41
	8RB-High (7)	913.5 (21785)	23.18	22.29	21.29
		897.5 (21625)	23.18	22.24	21.18
		881.5 (21465)	23.25	22.31	21.25
	8RB-Middle (4)	913.5 (21785)	23.21	22.26	21.25
		897.5 (21625)	23.23	22.22	21.23
		881.5 (21465)	23.24	22.30	21.28
	8RB-Low (0)	913.5 (21785)	23.27	22.31	21.12
		897.5 (21625)	23.23	22.29	21.25
		881.5 (21465)	23.26	22.28	21.31
	15RB (0)	913.5 (21785)	23.21	22.17	21.21
		897.5 (21625)	23.20	22.16	21.17
		881.5 (21465)	23.20	22.26	21.23

5MHz	1RB-High (24)	912.5 (21775)	24.42	23.63	22.44
		897.5 (21625)	24.26	23.56	22.46
		882.5 (21475)	24.31	23.52	22.50
	1RB-Middle (12)	912.5 (21775)	24.38	23.58	22.36
		897.5 (21625)	24.25	23.61	22.35
		882.5 (21475)	24.44	23.66	22.44
	1RB-Low (0)	912.5 (21775)	24.39	23.59	22.46
		897.5 (21625)	24.29	23.53	22.53
		882.5 (21475)	24.33	23.69	22.47
	12RB-High (13)	912.5 (21775)	23.29	22.28	21.32
		897.5 (21625)	23.26	22.28	21.26
		882.5 (21475)	23.35	22.32	21.34
	12RB-Middle (6)	912.5 (21775)	23.25	22.26	21.26
		897.5 (21625)	23.30	22.26	21.36
		882.5 (21475)	23.36	22.39	21.37
	12RB-Low (0)	912.5 (21775)	23.31	22.32	21.36
		897.5 (21625)	23.28	22.27	21.34
		882.5 (21475)	23.33	22.37	21.34
	25RB (0)	912.5 (21775)	23.32	22.29	21.27
		897.5 (21625)	23.33	22.30	21.24
		882.5 (21475)	23.40	22.39	21.33
10MHz	1RB-High (49)	910 (21750)	24.43	23.51	22.57
		897.5 (21625)	24.34	23.53	22.49
		885 (21500)	24.43	23.72	22.54
	1RB-Middle (24)	910 (21750)	24.37	23.41	22.41
		897.5 (21625)	24.39	23.50	22.40
		885 (21500)	24.37	23.68	22.48
	1RB-Low (0)	910 (21750)	24.48	23.54	22.54
		897.5 (21625)	24.36	23.69	22.47
		885 (21500)	24.54	23.70	22.52
	25RB-High (25)	910 (21750)	23.32	22.32	21.30
		897.5 (21625)	23.34	22.28	21.24
		885 (21500)	23.40	22.36	21.36
	25RB-Middle (12)	910 (21750)	23.38	22.28	21.27
		897.5 (21625)	23.33	22.28	21.24
		885 (21500)	23.36	22.35	21.33
	25RB-Low (0)	910 (21750)	23.40	22.39	21.33
		897.5 (21625)	23.38	22.37	21.30
		885 (21500)	23.41	22.38	21.37
	50RB (0)	910 (21750)	23.36	22.36	21.33
		897.5 (21625)	23.32	22.28	21.26
		885 (21500)	23.42	22.42	21.37

LTE Band8(ANT1 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	914.3 (21793)	21.19	21.40	21.41
		897.5 (21625)	21.13	21.47	21.43
		880.7 (21457)	21.19	21.58	21.43
	1RB-Middle (3)	914.3 (21793)	21.24	21.48	21.33
		897.5 (21625)	21.12	21.36	21.37
		880.7 (21457)	21.25	21.67	21.41
	1RB-Low (0)	914.3 (21793)	21.20	21.49	21.41
		897.5 (21625)	21.14	21.57	21.45
		880.7 (21457)	21.18	21.56	21.27
	3RB-High (3)	914.3 (21793)	21.18	21.14	21.35
		897.5 (21625)	21.15	21.13	21.23
		880.7 (21457)	21.23	21.23	21.24
	3RB-Middle (1)	914.3 (21793)	21.16	21.11	21.36
		897.5 (21625)	21.11	21.09	21.19
		880.7 (21457)	21.18	21.21	21.33
	3RB-Low (0)	914.3 (21793)	21.21	21.21	21.30
		897.5 (21625)	21.13	21.08	21.20
		880.7 (21457)	21.22	21.23	21.29
	6RB (0)	914.3 (21793)	21.22	21.24	21.23
		897.5 (21625)	21.09	21.21	21.14
		880.7 (21457)	21.20	21.29	21.11
3MHz	1RB-High (14)	913.5 (21785)	21.18	21.43	21.48
		897.5 (21625)	21.08	21.37	21.39
		881.5 (21465)	21.23	21.39	21.52
	1RB-Middle (7)	913.5 (21785)	21.32	21.51	21.51
		897.5 (21625)	21.20	21.60	21.41
		881.5 (21465)	21.22	21.71	21.45
	1RB-Low (0)	913.5 (21785)	21.08	21.41	21.31
		897.5 (21625)	21.18	21.35	21.32
		881.5 (21465)	21.21	21.61	21.48
	8RB-High (7)	913.5 (21785)	21.12	21.22	21.21
		897.5 (21625)	21.16	21.23	21.21
		881.5 (21465)	21.26	21.28	21.28
	8RB-Middle (4)	913.5 (21785)	21.14	21.17	21.23
		897.5 (21625)	21.14	21.21	21.19
		881.5 (21465)	21.26	21.29	21.28
	8RB-Low (0)	913.5 (21785)	21.13	21.25	21.18
		897.5 (21625)	21.15	21.19	21.26
		881.5 (21465)	21.20	21.28	21.24
	15RB (0)	913.5 (21785)	21.19	21.15	21.18
		897.5 (21625)	21.14	21.16	21.14
		881.5 (21465)	21.20	21.22	21.25

5MHz	1RB-High (24)	912.5 (21775)	21.30	21.69	21.51
		897.5 (21625)	21.23	21.39	21.39
		882.5 (21475)	21.29	21.56	21.60
	1RB-Middle (12)	912.5 (21775)	21.20	21.70	21.42
		897.5 (21625)	21.39	21.54	21.45
		882.5 (21475)	21.26	21.68	21.49
	1RB-Low (0)	912.5 (21775)	21.27	21.64	21.38
		897.5 (21625)	21.25	21.42	21.52
		882.5 (21475)	21.32	21.45	21.35
	12RB-High (13)	912.5 (21775)	21.22	21.27	21.29
		897.5 (21625)	21.21	21.17	21.22
		882.5 (21475)	21.28	21.34	21.37
	12RB-Middle (6)	912.5 (21775)	21.18	21.18	21.26
		897.5 (21625)	21.20	21.23	21.26
		882.5 (21475)	21.32	21.32	21.37
	12RB-Low (0)	912.5 (21775)	21.25	21.27	21.24
		897.5 (21625)	21.24	21.22	21.24
		882.5 (21475)	21.33	21.35	21.34
	25RB (0)	912.5 (21775)	21.27	21.26	21.21
		897.5 (21625)	21.28	21.27	21.20
		882.5 (21475)	21.38	21.31	21.33
10MHz	1RB-High (49)	910 (21750)	21.30	21.61	21.53
		897.5 (21625)	21.24	21.64	21.44
		885 (21500)	21.33	21.61	21.60
	1RB-Middle (24)	910 (21750)	21.25	21.37	21.36
		897.5 (21625)	21.27	21.54	21.40
		885 (21500)	21.25	21.64	21.35
	1RB-Low (0)	910 (21750)	21.36	21.80	21.53
		897.5 (21625)	21.25	21.79	21.46
		885 (21500)	21.35	21.58	21.59
	25RB-High (25)	910 (21750)	21.23	21.24	21.25
		897.5 (21625)	21.24	21.21	21.19
		885 (21500)	21.30	21.30	21.28
	25RB-Middle (12)	910 (21750)	21.19	21.18	21.20
		897.5 (21625)	21.23	21.24	21.20
		885 (21500)	21.27	21.24	21.26
	25RB-Low (0)	910 (21750)	21.28	21.25	21.24
		897.5 (21625)	21.26	21.23	21.25
		885 (21500)	21.35	21.33	21.33
	50RB (0)	910 (21750)	21.24	21.26	21.25
		897.5 (21625)	21.23	21.20	21.21
		885 (21500)	21.32	21.31	21.31

LTE Band12(ANT0 ECI3/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	715.3 (23173)	24.14	23.50	22.38
		707.5 (23095)	23.97	23.53	22.42
		699.7 (23017)	24.07	23.44	22.38
	1RB-Middle (3)	715.3 (23173)	23.96	23.48	22.37
		707.5 (23095)	23.91	23.39	22.35
		699.7 (23017)	24.15	23.61	22.57
	1RB-Low (0)	715.3 (23173)	23.98	23.49	22.38
		707.5 (23095)	23.80	23.49	22.40
		699.7 (23017)	24.34	23.73	22.62
	3RB-High (3)	715.3 (23173)	24.10	23.15	22.27
		707.5 (23095)	23.85	23.20	22.21
		699.7 (23017)	24.11	23.31	22.33
	3RB-Middle (1)	715.3 (23173)	24.04	23.21	22.23
		707.5 (23095)	23.81	23.12	22.33
		699.7 (23017)	24.19	23.32	22.49
	3RB-Low (0)	715.3 (23173)	23.98	23.28	22.17
		707.5 (23095)	23.77	23.26	22.29
		699.7 (23017)	24.33	23.37	22.48
	6RB (0)	715.3 (23173)	23.17	22.30	21.10
		707.5 (23095)	23.23	22.28	21.14
		699.7 (23017)	23.43	22.43	21.35
3MHz	1RB-High (14)	714.5 (23165)	23.94	23.22	22.27
		707.5 (23095)	24.21	23.36	22.40
		700.5 (23025)	24.09	23.60	22.46
	1RB-Middle (7)	714.5 (23165)	24.19	23.23	22.34
		707.5 (23095)	23.94	23.48	22.44
		700.5 (23025)	24.10	23.45	22.47
	1RB-Low (0)	714.5 (23165)	24.05	23.32	22.30
		707.5 (23095)	24.04	23.51	22.41
		700.5 (23025)	24.32	23.77	22.64
	8RB-High (7)	714.5 (23165)	23.16	22.17	21.08
		707.5 (23095)	23.21	22.26	21.30
		700.5 (23025)	23.28	22.35	21.28
	8RB-Middle (4)	714.5 (23165)	23.18	22.26	21.18
		707.5 (23095)	23.20	22.27	21.29
		700.5 (23025)	23.27	22.37	21.31
	8RB-Low (0)	714.5 (23165)	23.17	22.23	21.21
		707.5 (23095)	23.24	22.33	21.29
		700.5 (23025)	23.36	22.43	21.43
	15RB (0)	714.5 (23165)	23.12	22.15	21.08
		707.5 (23095)	23.24	22.22	21.20
		700.5 (23025)	23.30	22.32	21.21

5MHz	1RB-High (24)	713.5 (23155)	24.12	23.36	22.27
		707.5 (23095)	24.15	23.50	22.42
		701.5 (23035)	24.18	23.55	22.44
	1RB-Middle (12)	713.5 (23155)	24.16	23.43	22.26
		707.5 (23095)	24.00	23.57	22.37
		701.5 (23035)	24.20	23.53	22.33
	1RB-Low (0)	713.5 (23155)	24.10	23.54	22.33
		707.5 (23095)	24.20	23.53	22.55
		701.5 (23035)	24.39	23.76	22.60
	12RB-High (13)	713.5 (23155)	23.21	22.19	21.22
		707.5 (23095)	23.21	22.26	21.25
		701.5 (23035)	23.29	22.28	21.29
	12RB-Middle (6)	713.5 (23155)	23.18	22.25	21.22
		707.5 (23095)	23.26	22.30	21.27
		701.5 (23035)	23.34	22.34	21.32
	12RB-Low (0)	713.5 (23155)	23.14	22.20	21.23
		707.5 (23095)	23.33	22.34	21.34
		701.5 (23035)	23.36	22.30	21.34
	25RB (0)	713.5 (23155)	23.22	22.17	21.20
		707.5 (23095)	23.30	22.27	21.26
		701.5 (23035)	23.29	22.30	21.29
10MHz	1RB-High (49)	711 (23130)	24.24	23.44	22.38
		707.5 (23095)	24.16	23.38	22.26
		704 (23060)	24.00	23.53	22.41
	1RB-Middle (24)	711 (23130)	24.10	23.55	22.39
		707.5 (23095)	23.93	23.47	22.43
		704 (23060)	24.14	23.60	22.39
	1RB-Low (0)	711 (23130)	23.87	23.62	22.55
		707.5 (23095)	24.26	23.67	22.53
		704 (23060)	24.38	23.77	22.64
	25RB-High (25)	711 (23130)	23.18	22.18	21.19
		707.5 (23095)	23.27	22.23	21.22
		704 (23060)	23.25	22.24	21.23
	25RB-Middle (12)	711 (23130)	23.19	22.15	21.18
		707.5 (23095)	23.25	22.24	21.23
		704 (23060)	23.24	22.29	21.23
	25RB-Low (0)	711 (23130)	23.16	22.20	21.19
		707.5 (23095)	23.34	22.35	21.30
		704 (23060)	23.31	22.32	21.29
	50RB (0)	711 (23130)	23.16	22.19	21.17
		707.5 (23095)	23.33	22.28	21.25
		704 (23060)	23.30	22.30	21.28

LTE Band12(ANT1 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	715.3 (23173)	23.92	23.25	22.65
		707.5 (23095)	23.61	23.40	22.12
		699.7 (23017)	24.00	23.44	22.26
	1RB-Middle (3)	715.3 (23173)	23.96	23.24	22.64
		707.5 (23095)	23.56	23.38	22.20
		699.7 (23017)	24.00	23.49	22.23
	1RB-Low (0)	715.3 (23173)	23.84	23.24	22.67
		707.5 (23095)	23.46	23.47	22.14
		699.7 (23017)	24.15	23.56	22.38
	3RB-High (3)	715.3 (23173)	23.95	23.00	22.01
		707.5 (23095)	23.51	23.01	22.04
		699.7 (23017)	24.02	23.15	22.17
	3RB-Middle (1)	715.3 (23173)	23.90	23.02	21.98
		707.5 (23095)	23.47	23.06	21.99
		699.7 (23017)	24.12	23.29	22.19
	3RB-Low (0)	715.3 (23173)	23.92	23.00	21.96
		707.5 (23095)	23.44	23.03	22.03
		699.7 (23017)	24.11	23.38	22.25
	6RB (0)	715.3 (23173)	23.08	22.16	20.81
		707.5 (23095)	23.15	22.19	20.93
		699.7 (23017)	23.31	22.34	21.08
3MHz	1RB-High (14)	714.5 (23165)	23.73	23.08	22.00
		707.5 (23095)	23.82	23.21	22.03
		700.5 (23025)	23.84	23.16	22.07
	1RB-Middle (7)	714.5 (23165)	23.86	23.28	22.02
		707.5 (23095)	23.58	23.27	22.19
		700.5 (23025)	23.83	23.29	22.27
	1RB-Low (0)	714.5 (23165)	23.72	23.16	21.99
		707.5 (23095)	23.77	23.21	22.19
		700.5 (23025)	24.07	23.37	22.42
	8RB-High (7)	714.5 (23165)	22.85	21.87	20.81
		707.5 (23095)	22.95	22.02	21.01
		700.5 (23025)	23.01	22.12	21.06
	8RB-Middle (4)	714.5 (23165)	22.88	21.97	20.94
		707.5 (23095)	22.98	22.06	21.00
		700.5 (23025)	23.02	22.10	21.09
	8RB-Low (0)	714.5 (23165)	22.89	21.90	20.93
		707.5 (23095)	22.99	22.08	20.99
		700.5 (23025)	23.13	22.12	21.17
	15RB (0)	714.5 (23165)	22.81	21.89	20.72
		707.5 (23095)	22.92	22.00	20.94
		700.5 (23025)	23.07	22.08	20.99

5MHz	1RB-High (24)	713.5 (23155)	23.79	23.17	22.04
		707.5 (23095)	23.90	23.26	22.13
		701.5 (23035)	24.01	23.45	22.23
	1RB-Middle (12)	713.5 (23155)	23.95	23.21	22.03
		707.5 (23095)	23.63	23.33	22.11
		701.5 (23035)	24.02	23.35	22.32
	1RB-Low (0)	713.5 (23155)	23.87	23.16	22.17
		707.5 (23095)	23.93	23.27	22.24
		701.5 (23035)	24.13	23.45	22.43
	12RB-High (13)	713.5 (23155)	22.93	21.95	20.96
		707.5 (23095)	22.96	22.02	20.97
		701.5 (23035)	23.00	22.02	21.04
	12RB-Middle (6)	713.5 (23155)	22.94	21.94	20.92
		707.5 (23095)	23.04	22.02	21.04
		701.5 (23035)	23.08	22.08	21.04
	12RB-Low (0)	713.5 (23155)	22.87	21.90	20.92
		707.5 (23095)	23.10	22.10	21.05
		701.5 (23035)	23.14	22.14	21.10
	25RB (0)	713.5 (23155)	22.94	21.94	20.90
		707.5 (23095)	23.05	22.03	21.05
		701.5 (23035)	23.10	22.05	21.03
10MHz	1RB-High (49)	711 (23130)	23.96	23.13	22.09
		707.5 (23095)	23.94	23.17	22.02
		704 (23060)	23.58	23.21	22.10
	1RB-Middle (24)	711 (23130)	23.86	23.17	21.96
		707.5 (23095)	23.56	23.16	22.18
		704 (23060)	23.95	23.39	22.18
	1RB-Low (0)	711 (23130)	23.57	23.36	22.17
		707.5 (23095)	23.97	23.47	22.21
		704 (23060)	24.11	23.38	22.39
	25RB-High (25)	711 (23130)	22.90	21.91	20.92
		707.5 (23095)	22.98	22.00	20.95
		704 (23060)	22.98	22.00	20.95
	25RB-Middle (12)	711 (23130)	22.91	21.92	20.90
		707.5 (23095)	23.00	22.00	20.97
		704 (23060)	23.05	22.05	21.03
	25RB-Low (0)	711 (23130)	22.92	21.95	20.89
		707.5 (23095)	23.12	22.10	21.02
		704 (23060)	23.09	22.08	21.03
	50RB (0)	711 (23130)	22.87	21.90	20.90
		707.5 (23095)	23.06	22.03	21.00
		704 (23060)	23.03	22.03	20.99

LTE Band12(ANT1 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	715.3 (23173)	22.51	22.88	22.26
		707.5 (23095)	22.58	22.89	22.31
		699.7 (23017)	22.65	22.87	22.36
	1RB-Middle (3)	715.3 (23173)	22.57	22.92	22.23
		707.5 (23095)	22.65	22.87	22.30
		699.7 (23017)	22.65	22.88	22.35
	1RB-Low (0)	715.3 (23173)	22.53	22.82	22.22
		707.5 (23095)	22.64	22.86	22.34
		699.7 (23017)	22.81	22.99	22.41
	3RB-High (3)	715.3 (23173)	22.55	22.54	22.12
		707.5 (23095)	22.62	22.58	22.18
		699.7 (23017)	22.66	22.70	22.28
	3RB-Middle (1)	715.3 (23173)	22.54	22.47	22.21
		707.5 (23095)	22.65	22.54	22.28
		699.7 (23017)	22.74	22.84	22.33
	3RB-Low (0)	715.3 (23173)	22.54	22.58	22.28
		707.5 (23095)	22.60	22.53	22.20
		699.7 (23017)	22.81	22.82	22.35
	6RB (0)	715.3 (23173)	22.58	22.12	20.97
		707.5 (23095)	22.65	22.19	21.01
		699.7 (23017)	22.72	22.35	21.02
3MHz	1RB-High (14)	714.5 (23165)	22.33	22.42	22.10
		707.5 (23095)	22.40	22.68	21.99
		700.5 (23025)	22.47	22.78	22.19
	1RB-Middle (7)	714.5 (23165)	22.35	22.73	22.05
		707.5 (23095)	22.56	22.83	22.19
		700.5 (23025)	22.47	22.87	22.18
	1RB-Low (0)	714.5 (23165)	22.36	22.58	22.02
		707.5 (23095)	22.48	22.76	22.12
		700.5 (23025)	22.68	22.90	22.38
	8RB-High (7)	714.5 (23165)	22.35	21.94	20.88
		707.5 (23095)	22.48	22.03	21.05
		700.5 (23025)	22.55	22.06	21.03
	8RB-Middle (4)	714.5 (23165)	22.33	21.98	20.87
		707.5 (23095)	22.49	22.05	21.02
		700.5 (23025)	22.51	22.14	21.07
	8RB-Low (0)	714.5 (23165)	22.38	21.93	20.91
		707.5 (23095)	22.51	22.10	21.04
		700.5 (23025)	22.56	22.15	21.16
	15RB (0)	714.5 (23165)	22.37	21.84	20.83
		707.5 (23095)	22.45	21.99	20.99
		700.5 (23025)	22.57	22.04	21.00

5MHz	1RB-High (24)	713.5 (23155)	22.34	22.80	22.09
		707.5 (23095)	22.40	22.72	22.15
		701.5 (23035)	22.58	22.81	22.17
	1RB-Middle (12)	713.5 (23155)	22.35	22.76	22.06
		707.5 (23095)	22.49	22.86	22.16
		701.5 (23035)	22.52	22.83	22.10
	1RB-Low (0)	713.5 (23155)	22.45	22.65	22.15
		707.5 (23095)	22.51	22.86	22.23
		701.5 (23035)	22.73	23.02	22.27
	12RB-High (13)	713.5 (23155)	22.44	21.96	20.96
		707.5 (23095)	22.50	21.99	21.06
		701.5 (23035)	22.58	22.03	21.05
	12RB-Middle (6)	713.5 (23155)	22.41	21.95	21.00
		707.5 (23095)	22.50	22.03	21.02
		701.5 (23035)	22.59	22.08	21.04
	12RB-Low (0)	713.5 (23155)	22.40	21.91	20.91
		707.5 (23095)	22.56	22.03	21.09
		701.5 (23035)	22.62	22.12	21.09
	25RB (0)	713.5 (23155)	22.45	21.94	20.90
		707.5 (23095)	22.62	22.05	21.00
		701.5 (23035)	22.60	22.05	21.03
10MHz	1RB-High (49)	711 (23130)	22.42	22.74	22.08
		707.5 (23095)	22.42	22.68	22.05
		704 (23060)	22.47	22.80	22.14
	1RB-Middle (24)	711 (23130)	22.40	22.73	22.13
		707.5 (23095)	22.52	22.77	22.17
		704 (23060)	22.52	22.84	22.11
	1RB-Low (0)	711 (23130)	22.53	22.89	22.22
		707.5 (23095)	22.54	22.89	22.27
		704 (23060)	22.68	22.94	22.29
	25RB-High (25)	711 (23130)	22.45	21.95	20.91
		707.5 (23095)	22.52	22.00	21.01
		704 (23060)	22.50	21.99	20.96
	25RB-Middle (12)	711 (23130)	22.41	21.91	20.96
		707.5 (23095)	22.46	22.03	20.95
		704 (23060)	22.55	22.02	21.00
	25RB-Low (0)	711 (23130)	22.47	21.96	20.93
		707.5 (23095)	22.62	22.10	21.05
		704 (23060)	22.58	22.05	21.04
	50RB (0)	711 (23130)	22.46	21.94	20.90
		707.5 (23095)	22.57	22.06	21.02
		704 (23060)	22.55	22.01	21.01

LTE Band13(ANT0 ECI3/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	784.5 (23255)	24.54	23.52	22.53
		782 (23230)	24.63	23.59	22.55
		779.5 (23205)	24.59	23.65	22.57
	1RB-Middle (12)	784.5 (23255)	24.58	23.57	22.57
		782 (23230)	24.72	23.60	22.61
		779.5 (23205)	24.53	23.46	22.62
	1RB-Low (0)	784.5 (23255)	24.70	23.65	22.56
		782 (23230)	24.64	23.52	22.64
		779.5 (23205)	24.50	23.45	22.73
	12RB-High (13)	784.5 (23255)	23.55	22.38	21.44
		782 (23230)	23.47	22.37	21.39
		779.5 (23205)	23.55	22.43	21.43
	12RB-Middle (6)	784.5 (23255)	23.52	22.44	21.44
		782 (23230)	23.50	22.37	21.44
		779.5 (23205)	23.53	22.45	21.46
	12RB-Low (0)	784.5 (23255)	23.57	22.44	21.49
		782 (23230)	23.57	22.44	21.47
		779.5 (23205)	23.54	22.48	21.43
	25RB (0)	784.5 (23255)	23.51	22.48	21.40
		782 (23230)	23.52	22.43	21.40
		779.5 (23205)	23.50	22.44	21.42
10MHz	1RB-High (49)	782 (23230)	24.70	23.69	22.55
	1RB-Middle (24)	782 (23230)	24.52	23.65	22.52
	1RB-Low (0)	782 (23230)	24.47	23.73	22.76
	25RB-High (25)	782 (23230)	23.54	22.64	21.60
	25RB-Middle (12)	782 (23230)	23.55	22.62	21.60
	25RB-Low (0)	782 (23230)	23.60	22.63	21.63
	50RB (0)	782 (23230)	23.53	22.60	21.58

LTE Band13(ANT1 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	784.5 (23255)	24.33	23.54	22.49
		782 (23230)	24.27	23.56	22.41
		779.5 (23205)	24.20	23.54	22.50
	1RB-Middle (12)	784.5 (23255)	24.37	23.54	22.47
		782 (23230)	24.23	23.47	22.55
		779.5 (23205)	24.30	23.60	22.45
	1RB-Low (0)	784.5 (23255)	24.36	23.54	22.50
		782 (23230)	24.37	23.55	22.59
		779.5 (23205)	24.18	23.51	22.55
	12RB-High (13)	784.5 (23255)	23.28	22.37	21.40
		782 (23230)	23.27	22.36	21.36
		779.5 (23205)	23.26	22.38	21.37
	12RB-Middle (6)	784.5 (23255)	23.28	22.35	21.37
		782 (23230)	23.29	22.39	21.38
		779.5 (23205)	23.27	22.36	21.42
	12RB-Low (0)	784.5 (23255)	23.27	22.33	21.39
		782 (23230)	23.30	22.37	21.38
		779.5 (23205)	23.31	22.38	21.42
	25RB (0)	784.5 (23255)	23.31	22.38	21.40
		782 (23230)	23.29	22.39	21.37
		779.5 (23205)	23.33	22.40	21.39
10MHz	1RB-High (49)	782 (23230)	24.42	23.53	22.49
	1RB-Middle (24)	782 (23230)	24.27	23.48	22.44
	1RB-Low (0)	782 (23230)	24.32	23.55	22.60
	25RB-High (25)	782 (23230)	23.28	22.37	21.36
	25RB-Middle (12)	782 (23230)	23.27	22.35	21.37
	25RB-Low (0)	782 (23230)	23.31	22.39	21.40
	50RB (0)	782 (23230)	23.31	22.36	21.36

LTE Band13(ANT1 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	784.5 (23255)	21.96	22.16	21.99
		782 (23230)	21.81	22.17	21.96
		779.5 (23205)	21.84	22.23	22.01
	1RB-Middle (12)	784.5 (23255)	21.84	22.04	21.95
		782 (23230)	21.84	22.28	22.04
		779.5 (23205)	21.88	22.10	22.00
	1RB-Low (0)	784.5 (23255)	21.83	22.29	22.05
		782 (23230)	21.87	22.18	22.09
		779.5 (23205)	21.88	22.12	22.14
	12RB-High (13)	784.5 (23255)	21.85	21.88	21.43
		782 (23230)	21.81	21.82	21.36
		779.5 (23205)	21.86	21.90	21.37
	12RB-Middle (6)	784.5 (23255)	21.81	21.87	21.40
		782 (23230)	21.84	21.86	21.40
		779.5 (23205)	21.87	21.91	21.44
	12RB-Low (0)	784.5 (23255)	21.85	21.91	21.41
		782 (23230)	21.88	21.89	21.41
		779.5 (23205)	21.85	21.86	21.40
	25RB (0)	784.5 (23255)	21.91	21.92	21.40
		782 (23230)	21.90	21.87	21.38
		779.5 (23205)	21.93	21.94	21.38
10MHz	1RB-High (49)	782 (23230)	21.87	22.00	22.02
	1RB-Middle (24)	782 (23230)	21.83	22.19	22.02
	1RB-Low (0)	782 (23230)	21.92	22.24	22.14
	25RB-High (25)	782 (23230)	21.88	21.86	21.34
	25RB-Middle (12)	782 (23230)	21.88	21.84	21.35
	25RB-Low (0)	782 (23230)	21.90	21.90	21.41
	50RB (0)	782 (23230)	21.85	21.85	21.37

LTE Band26(ANT0 ECI3/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	848.3 (27033)	24.32	23.62	22.58
		831.5 (26865)	24.37	23.61	22.63
		814.7 (26697)	24.34	23.53	22.53
	1RB-Middle (3)	848.3 (27033)	24.34	23.68	22.52
		831.5 (26865)	24.38	23.69	22.62
		814.7 (26697)	24.34	23.50	22.54
	1RB-Low (0)	848.3 (27033)	24.39	23.67	22.54
		831.5 (26865)	24.42	23.65	22.57
		814.7 (26697)	24.32	23.49	22.50
	3RB-High (3)	848.3 (27033)	24.44	23.29	22.47
		831.5 (26865)	24.44	23.34	22.40
		814.7 (26697)	24.35	23.29	22.46
	3RB-Middle (1)	848.3 (27033)	24.42	23.39	22.49
		831.5 (26865)	24.42	23.42	22.47
		814.7 (26697)	24.38	23.31	22.39
	3RB-Low (0)	848.3 (27033)	24.49	23.43	22.55
		831.5 (26865)	24.42	23.38	22.45
		814.7 (26697)	24.30	23.23	22.38
	6RB (0)	848.3 (27033)	23.36	22.54	21.47
		831.5 (26865)	23.39	22.42	21.37
		814.7 (26697)	23.38	22.42	21.41

3MHz	1RB-High (14)	847.5 (27025)	24.30	23.70	22.56
		831.5 (26865)	24.48	23.73	22.55
		815.5 (26705)	23.36	23.58	22.72
	1RB-Middle (7)	847.5 (27025)	24.43	23.71	22.61
		831.5 (26865)	24.45	23.75	22.74
		815.5 (26705)	23.35	23.54	22.69
	1RB-Low (0)	847.5 (27025)	24.59	23.67	22.56
		831.5 (26865)	24.40	23.60	22.52
		815.5 (26705)	23.40	23.55	22.75
	8RB-High (7)	847.5 (27025)	23.37	22.45	21.51
		831.5 (26865)	23.39	22.43	21.49
		815.5 (26705)	23.37	22.39	21.69
	8RB-Middle (4)	847.5 (27025)	23.40	22.45	21.48
		831.5 (26865)	23.38	22.51	21.46
		815.5 (26705)	23.38	22.42	21.69
	8RB-Low (0)	847.5 (27025)	23.47	22.50	21.53
		831.5 (26865)	23.37	22.46	21.46
		815.5 (26705)	23.40	22.39	21.65
	15RB (0)	847.5 (27025)	23.42	22.41	21.47
		831.5 (26865)	23.39	22.41	21.38
		815.5 (26705)	23.41	22.37	21.63
5MHz	1RB-High (24)	846.5 (27015)	24.45	23.74	22.66
		831.5 (26865)	24.42	23.74	22.57
		816.5 (26715)	24.57	23.66	22.56
	1RB-Middle (12)	846.5 (27015)	24.59	23.75	22.64
		831.5 (26865)	24.54	23.66	22.66
		816.5 (26715)	24.45	23.54	22.57
	1RB-Low (0)	846.5 (27015)	24.41	23.68	22.56
		831.5 (26865)	24.44	23.69	22.46
		816.5 (26715)	24.38	23.57	22.65
	12RB-High (13)	846.5 (27015)	23.45	22.47	21.50
		831.5 (26865)	23.48	22.50	21.51
		816.5 (26715)	23.46	22.50	21.52
	12RB-Middle (6)	846.5 (27015)	23.49	22.54	21.55
		831.5 (26865)	23.42	22.40	21.52
		816.5 (26715)	23.43	22.46	21.47
	12RB-Low (0)	846.5 (27015)	23.51	22.56	21.59
		831.5 (26865)	23.48	22.48	21.48
		816.5 (26715)	23.41	22.40	21.49
	25RB (0)	846.5 (27015)	23.51	22.52	21.51
		831.5 (26865)	23.50	22.48	21.48
		816.5 (26715)	23.45	22.47	21.52

10MHz	1RB-High (49)	844 (26990)	24.44	23.66	22.69
		831.5 (26865)	24.58	23.68	22.66
		820 (26750)	24.49	23.77	22.64
	1RB-Middle (24)	844 (26990)	24.56	23.62	22.66
		831.5 (26865)	24.52	23.69	22.60
		820 (26750)	24.49	23.66	22.55
	1RB-Low (0)	844 (26990)	24.56	23.73	22.65
		831.5 (26865)	24.46	23.61	22.71
		820 (26750)	24.45	23.68	22.65
	25RB-High (25)	844 (26990)	23.49	22.45	21.47
		831.5 (26865)	23.50	22.47	21.49
		820 (26750)	23.50	22.49	21.50
	25RB-Middle (12)	844 (26990)	23.48	22.46	21.48
		831.5 (26865)	23.46	22.40	21.50
		820 (26750)	23.47	22.46	21.46
	25RB-Low (0)	844 (26990)	23.54	22.53	21.50
		831.5 (26865)	23.46	22.47	21.47
		820 (26750)	23.49	22.50	21.46
	50RB (0)	844 (26990)	23.46	22.48	21.52
		831.5 (26865)	23.48	22.47	21.46
		820 (26750)	23.46	22.46	21.42
15MHz	1RB-High (74)	841.5 (26965)	24.63	23.64	22.62
		831.5 (26865)	24.48	23.73	22.73
		822.5 (26775)	24.43	23.71	22.60
	1RB-Middle (37)	841.5 (26965)	24.41	23.80	22.58
		831.5 (26865)	24.50	23.66	22.68
		822.5 (26775)	24.47	23.67	22.62
	1RB-Low (0)	841.5 (26965)	24.53	23.69	22.76
		831.5 (26865)	24.51	23.77	22.72
		822.5 (26775)	24.53	23.65	22.65
	36RB-High (38)	841.5 (26965)	23.46	22.44	21.47
		831.5 (26865)	23.45	22.49	21.45
		822.5 (26775)	23.38	22.41	21.40
	36RB-Middle (19)	841.5 (26965)	23.40	22.43	21.48
		831.5 (26865)	23.38	22.41	21.44
		822.5 (26775)	23.41	22.39	21.47
	36RB-Low (0)	841.5 (26965)	23.43	22.46	21.51
		831.5 (26865)	23.45	22.46	21.48
		822.5 (26775)	23.41	22.44	21.45
	75RB (0)	841.5 (26965)	23.48	22.48	21.52
		831.5 (26865)	23.42	22.46	21.46
		822.5 (26775)	23.43	22.46	21.40

LTE Band26(ANT1 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	848.3 (27033)	24.11	23.31	22.38
		831.5 (26865)	24.17	23.42	22.34
		814.7 (26697)	24.17	23.40	22.23
	1RB-Middle (3)	848.3 (27033)	24.07	23.26	22.39
		831.5 (26865)	24.12	23.33	22.42
		814.7 (26697)	24.17	23.41	22.20
	1RB-Low (0)	848.3 (27033)	24.19	23.30	22.37
		831.5 (26865)	24.14	23.46	22.46
		814.7 (26697)	24.15	23.37	22.33
	3RB-High (3)	848.3 (27033)	24.12	23.09	22.22
		831.5 (26865)	24.21	23.11	22.15
		814.7 (26697)	24.13	23.17	22.25
	3RB-Middle (1)	848.3 (27033)	24.15	23.13	22.20
		831.5 (26865)	24.15	23.13	22.25
		814.7 (26697)	24.17	23.07	22.13
	3RB-Low (0)	848.3 (27033)	24.10	23.05	22.22
		831.5 (26865)	24.13	23.18	22.23
		814.7 (26697)	24.19	23.15	22.18
	6RB (0)	848.3 (27033)	23.14	22.24	21.27
		831.5 (26865)	23.19	22.21	21.19
		814.7 (26697)	23.14	22.20	21.19

3MHz	1RB-High (14)	847.5 (27025)	24.05	23.30	22.29
		831.5 (26865)	24.16	23.30	22.36
		815.5 (26705)	23.15	23.14	22.41
	1RB-Middle (7)	847.5 (27025)	24.15	23.34	22.48
		831.5 (26865)	24.31	23.44	22.52
		815.5 (26705)	23.13	23.12	22.90
	1RB-Low (0)	847.5 (27025)	24.19	23.47	22.36
		831.5 (26865)	24.11	23.25	22.30
		815.5 (26705)	23.12	23.14	22.86
	8RB-High (7)	847.5 (27025)	23.11	22.10	21.25
		831.5 (26865)	23.11	22.22	21.22
		815.5 (26705)	23.13	22.26	21.18
	8RB-Middle (4)	847.5 (27025)	23.15	22.18	21.26
		831.5 (26865)	23.14	22.18	21.20
		815.5 (26705)	23.17	22.20	21.19
	8RB-Low (0)	847.5 (27025)	23.18	22.19	21.34
		831.5 (26865)	23.17	22.22	21.22
		815.5 (26705)	23.12	22.20	21.24
	15RB (0)	847.5 (27025)	23.11	22.14	21.15
		831.5 (26865)	23.18	22.11	21.15
		815.5 (26705)	23.12	22.16	21.17
5MHz	1RB-High (24)	846.5 (27015)	24.16	23.52	22.26
		831.5 (26865)	24.19	23.47	22.34
		816.5 (26715)	24.19	23.40	22.35
	1RB-Middle (12)	846.5 (27015)	24.20	23.58	22.41
		831.5 (26865)	24.25	23.40	22.43
		816.5 (26715)	24.27	23.42	22.32
	1RB-Low (0)	846.5 (27015)	24.17	23.45	22.31
		831.5 (26865)	24.24	23.43	22.34
		816.5 (26715)	24.12	23.34	22.32
	12RB-High (13)	846.5 (27015)	23.14	22.21	21.22
		831.5 (26865)	23.19	22.23	21.31
		816.5 (26715)	23.17	22.22	21.27
	12RB-Middle (6)	846.5 (27015)	23.24	22.28	21.30
		831.5 (26865)	23.15	22.17	21.24
		816.5 (26715)	23.18	22.15	21.28
	12RB-Low (0)	846.5 (27015)	23.22	22.24	21.29
		831.5 (26865)	23.17	22.17	21.27
		816.5 (26715)	23.18	22.18	21.29
	25RB (0)	846.5 (27015)	23.26	22.19	21.25
		831.5 (26865)	23.21	22.22	21.23
		816.5 (26715)	23.27	22.20	21.24

10MHz	1RB-High (49)	844 (26990)	24.18	23.42	22.43
		831.5 (26865)	24.23	23.46	22.44
		820 (26750)	24.21	23.57	22.36
	1RB-Middle (24)	844 (26990)	24.18	23.47	22.31
		831.5 (26865)	24.33	23.43	22.36
		820 (26750)	24.20	23.37	22.36
	1RB-Low (0)	844 (26990)	24.28	23.59	22.41
		831.5 (26865)	24.23	23.53	22.34
		820 (26750)	24.17	23.49	22.32
	25RB-High (25)	844 (26990)	23.19	22.16	21.17
		831.5 (26865)	23.25	22.18	21.20
		820 (26750)	23.20	22.18	21.21
	25RB-Middle (12)	844 (26990)	23.18	22.15	21.16
		831.5 (26865)	23.15	22.13	21.14
		820 (26750)	23.19	22.16	21.25
	25RB-Low (0)	844 (26990)	23.28	22.22	21.22
		831.5 (26865)	23.20	22.18	21.22
		820 (26750)	23.19	22.17	21.15
	50RB (0)	844 (26990)	23.21	22.20	21.17
		831.5 (26865)	23.18	22.15	21.22
		820 (26750)	23.18	22.18	21.18
15MHz	1RB-High (74)	841.5 (26965)	24.20	23.46	22.40
		831.5 (26865)	24.23	23.44	22.32
		822.5 (26775)	24.17	23.44	22.35
	1RB-Middle (37)	841.5 (26965)	24.16	23.56	22.35
		831.5 (26865)	24.11	23.29	22.36
		822.5 (26775)	24.27	23.43	22.35
	1RB-Low (0)	841.5 (26965)	24.28	23.41	22.51
		831.5 (26865)	24.18	23.56	22.46
		822.5 (26775)	24.24	23.43	22.41
	36RB-High (38)	841.5 (26965)	23.20	22.16	21.19
		831.5 (26865)	23.19	22.22	21.20
		822.5 (26775)	23.12	22.10	21.13
	36RB-Middle (19)	841.5 (26965)	23.12	22.12	21.19
		831.5 (26865)	23.09	22.10	21.16
		822.5 (26775)	23.15	22.14	21.17
	36RB-Low (0)	841.5 (26965)	23.11	22.16	21.18
		831.5 (26865)	23.15	22.12	21.18
		822.5 (26775)	23.16	22.16	21.17
	75RB (0)	841.5 (26965)	23.17	22.17	21.19
		831.5 (26865)	23.16	22.18	21.19
		822.5 (26775)	23.19	22.16	21.17

LTE Band26(ANT1 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	848.3 (27033)	21.25	21.52	21.50
		831.5 (26865)	21.19	21.51	21.37
		814.7 (26697)	21.22	21.46	21.45
	1RB-Middle (3)	848.3 (27033)	21.20	21.52	21.49
		831.5 (26865)	21.17	21.37	21.30
		814.7 (26697)	21.20	21.47	21.31
	1RB-Low (0)	848.3 (27033)	21.19	21.57	21.37
		831.5 (26865)	21.17	21.50	21.33
		814.7 (26697)	21.23	21.41	21.40
	3RB-High (3)	848.3 (27033)	21.25	21.21	21.30
		831.5 (26865)	21.16	21.14	21.23
		814.7 (26697)	21.23	21.22	21.26
	3RB-Middle (1)	848.3 (27033)	21.23	21.20	21.32
		831.5 (26865)	21.15	21.19	21.20
		814.7 (26697)	21.20	21.13	21.30
	3RB-Low (0)	848.3 (27033)	21.25	21.27	21.37
		831.5 (26865)	21.16	21.21	21.29
		814.7 (26697)	21.19	21.16	21.32
	6RB (0)	848.3 (27033)	21.24	21.35	21.11
		831.5 (26865)	21.15	21.31	21.16
		814.7 (26697)	21.22	21.28	21.20

3MHz	1RB-High (14)	847.5 (27025)	21.21	21.47	21.28
		831.5 (26865)	21.15	21.52	21.29
		815.5 (26705)	21.16	21.17	21.20
	1RB-Middle (7)	847.5 (27025)	21.19	21.44	21.35
		831.5 (26865)	21.15	21.36	21.45
		815.5 (26705)	21.16	21.17	21.17
	1RB-Low (0)	847.5 (27025)	21.18	21.47	21.43
		831.5 (26865)	21.17	21.36	21.44
		815.5 (26705)	21.19	21.18	21.18
	8RB-High (7)	847.5 (27025)	21.22	21.28	21.27
		831.5 (26865)	21.18	21.24	21.27
		815.5 (26705)	21.16	21.23	21.22
	8RB-Middle (4)	847.5 (27025)	21.26	21.32	21.29
		831.5 (26865)	21.19	21.27	21.20
		815.5 (26705)	21.19	21.26	21.20
	8RB-Low (0)	847.5 (27025)	21.26	21.29	21.26
		831.5 (26865)	21.19	21.25	21.19
		815.5 (26705)	21.18	21.23	21.28
	15RB (0)	847.5 (27025)	21.21	21.22	21.19
		831.5 (26865)	21.19	21.16	21.17
		815.5 (26705)	21.18	21.21	21.16
5MHz	1RB-High (24)	846.5 (27015)	21.16	21.60	21.38
		831.5 (26865)	21.19	21.53	21.42
		816.5 (26715)	21.20	21.52	21.40
	1RB-Middle (12)	846.5 (27015)	21.22	21.66	21.32
		831.5 (26865)	21.20	21.62	21.42
		816.5 (26715)	21.21	21.56	21.35
	1RB-Low (0)	846.5 (27015)	21.18	21.56	21.46
		831.5 (26865)	21.28	21.56	21.46
		816.5 (26715)	21.25	21.50	21.41
	12RB-High (13)	846.5 (27015)	21.27	21.28	21.32
		831.5 (26865)	21.18	21.24	21.27
		816.5 (26715)	21.25	21.24	21.26
	12RB-Middle (6)	846.5 (27015)	21.27	21.25	21.29
		831.5 (26865)	21.22	21.24	21.28
		816.5 (26715)	21.22	21.24	21.31
	12RB-Low (0)	846.5 (27015)	21.28	21.29	21.29
		831.5 (26865)	21.23	21.25	21.29
		816.5 (26715)	21.27	21.27	21.28
	25RB (0)	846.5 (27015)	21.31	21.28	21.25
		831.5 (26865)	21.25	21.26	21.23
		816.5 (26715)	21.31	21.28	21.23

10MHz	1RB-High (49)	844 (26990)	21.27	21.64	21.43
		831.5 (26865)	21.24	21.60	21.34
		820 (26750)	21.21	21.46	21.41
	1RB-Middle (24)	844 (26990)	21.15	21.52	21.44
		831.5 (26865)	21.19	21.60	21.41
		820 (26750)	21.24	21.55	21.33
	1RB-Low (0)	844 (26990)	21.26	21.66	21.44
		831.5 (26865)	21.19	21.61	21.34
		820 (26750)	21.25	21.48	21.48
	25RB-High (25)	844 (26990)	21.26	21.20	21.23
		831.5 (26865)	21.23	21.25	21.22
		820 (26750)	21.23	21.25	21.24
	25RB-Middle (12)	844 (26990)	21.21	21.23	21.19
		831.5 (26865)	21.22	21.20	21.21
		820 (26750)	21.25	21.23	21.26
	25RB-Low (0)	844 (26990)	21.28	21.26	21.25
		831.5 (26865)	21.26	21.22	21.24
		820 (26750)	21.20	21.17	21.18
	50RB (0)	844 (26990)	21.26	21.26	21.22
		831.5 (26865)	21.25	21.22	21.23
		820 (26750)	21.21	21.19	21.19
15MHz	1RB-High (74)	841.5 (26965)	21.27	21.69	21.41
		831.5 (26865)	21.27	21.51	21.36
		822.5 (26775)	21.22	21.64	21.41
	1RB-Middle (37)	841.5 (26965)	21.17	21.65	21.32
		831.5 (26865)	21.22	21.61	21.28
		822.5 (26775)	21.20	21.58	21.36
	1RB-Low (0)	841.5 (26965)	21.28	21.57	21.38
		831.5 (26865)	21.23	21.44	21.43
		822.5 (26775)	21.26	21.55	21.37
	36RB-High (38)	841.5 (26965)	21.16	21.17	21.22
		831.5 (26865)	21.22	21.22	21.26
		822.5 (26775)	21.11	21.13	21.19
	36RB-Middle (19)	841.5 (26965)	21.24	21.21	21.24
		831.5 (26865)	21.21	21.17	21.22
		822.5 (26775)	21.23	21.25	21.24
	36RB-Low (0)	841.5 (26965)	21.20	21.25	21.29
		831.5 (26865)	21.22	21.17	21.24
		822.5 (26775)	21.21	21.20	21.24
	75RB (0)	841.5 (26965)	21.22	21.22	21.26
		831.5 (26865)	21.22	21.23	21.23
		822.5 (26775)	21.18	21.19	21.17

LTE Band28(ANT0 ECI3/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
3MHz	1RB-High (14)	746.5 (27645)	23.98	23.34	22.28
		719.5 (27375)	24.26	23.45	22.49
		704.5 (27225)	24.32	23.47	22.59
	1RB-Middle (7)	746.5 (27645)	24.11	23.33	22.40
		719.5 (27375)	24.52	23.51	22.50
		704.5 (27225)	24.18	23.58	22.51
	1RB-Low (0)	746.5 (27645)	24.10	23.34	22.21
		719.5 (27375)	24.18	23.46	22.36
		704.5 (27225)	24.22	23.47	22.52
	8RB-High (7)	746.5 (27645)	23.00	22.17	21.17
		719.5 (27375)	23.21	22.39	21.31
		704.5 (27225)	23.30	22.53	21.43
	8RB-Middle (4)	746.5 (27645)	22.99	22.19	21.12
		719.5 (27375)	23.24	22.37	21.27
		704.5 (27225)	23.28	22.50	21.42
	8RB-Low (0)	746.5 (27645)	23.05	22.19	21.13
		719.5 (27375)	23.27	22.40	21.38
		704.5 (27225)	23.26	22.42	21.43
	15RB (0)	746.5 (27645)	22.96	22.10	21.08
		719.5 (27375)	23.25	22.30	21.26
		704.5 (27225)	23.29	22.42	21.35

5MHz	1RB-High (24)	745.5 (27635)	24.06	23.20	22.18
		720.5 (27385)	24.31	23.67	22.49
		705.5 (27235)	24.30	23.48	22.56
	1RB-Middle (12)	745.5 (27635)	24.10	23.20	22.34
		720.5 (27385)	24.32	23.66	22.44
		705.5 (27235)	24.42	23.63	22.67
	1RB-Low (0)	745.5 (27635)	24.02	23.36	22.32
		720.5 (27385)	24.27	23.61	22.57
		705.5 (27235)	24.31	23.53	22.54
	12RB-High (13)	745.5 (27635)	23.08	22.14	21.18
		720.5 (27385)	23.28	22.31	21.33
		705.5 (27235)	23.38	22.42	21.44
	12RB-Middle (6)	745.5 (27635)	23.05	22.19	21.21
		720.5 (27385)	23.29	22.33	21.35
		705.5 (27235)	23.35	22.51	21.48
	12RB-Low (0)	745.5 (27635)	23.06	22.22	21.19
		720.5 (27385)	23.31	22.36	21.39
		705.5 (27235)	23.33	22.40	21.43
	25RB (0)	745.5 (27635)	23.09	22.19	21.16
		720.5 (27385)	23.30	22.40	21.34
		705.5 (27235)	23.40	22.44	21.43
10MHz	1RB-High (49)	743 (27610)	24.07	23.46	22.27
		723 (27410)	24.30	23.49	22.52
		708 (27260)	24.29	23.52	22.44
	1RB-Middle (24)	743 (27610)	23.99	23.24	22.28
		723 (27410)	24.35	23.55	22.54
		708 (27260)	24.31	23.56	22.52
	1RB-Low (0)	743 (27610)	24.26	23.61	22.41
		723 (27410)	24.40	23.55	22.46
		708 (27260)	24.33	23.52	22.60
	25RB-High (25)	743 (27610)	23.04	22.19	21.10
		723 (27410)	23.30	22.33	21.28
		708 (27260)	23.36	22.37	21.36
	25RB-Middle (12)	743 (27610)	23.05	22.17	21.13
		723 (27410)	23.29	22.37	21.32
		708 (27260)	23.36	22.39	21.39
	25RB-Low (0)	743 (27610)	23.17	22.25	21.23
		723 (27410)	23.38	22.37	21.35
		708 (27260)	23.43	22.44	21.40
	50RB (0)	743 (27610)	23.09	22.19	21.17
		723 (27410)	23.36	22.38	21.33
		708 (27260)	23.34	22.43	21.40

15MHz	1RB-High (74)	740.5 (27585)	24.08	23.39	22.30
		725.5 (27435)	24.28	23.51	22.46
		710.5 (27285)	24.29	23.56	22.35
	1RB-Middle (37)	740.5 (27585)	24.09	23.36	22.32
		725.5 (27435)	24.30	23.60	22.53
		710.5 (27285)	24.32	23.51	22.49
	1RB-Low (0)	740.5 (27585)	24.38	23.59	22.58
		725.5 (27435)	24.39	23.56	22.49
		710.5 (27285)	24.44	23.60	22.58
	36RB-High (38)	740.5 (27585)	23.02	22.11	21.15
		725.5 (27435)	23.27	22.29	21.33
		710.5 (27285)	23.28	22.32	21.29
	36RB-Middle (19)	740.5 (27585)	23.10	22.21	21.18
		725.5 (27435)	23.27	22.30	21.27
		710.5 (27285)	23.24	22.30	21.33
	36RB-Low (0)	740.5 (27585)	23.25	22.28	21.30
		725.5 (27435)	23.32	22.32	21.33
		710.5 (27285)	23.36	22.41	21.44
	75RB (0)	740.5 (27585)	23.13	22.14	21.19
		725.5 (27435)	23.29	22.31	21.30
		710.5 (27285)	23.34	22.37	21.36
20MHz	1RB-High (99)	738 (27560)	24.09	23.40	22.37
		728 (27460)	24.35	23.53	22.42
		713 (27310)	24.42	23.69	22.54
	1RB-Middle (50)	738 (27560)	24.36	23.60	22.48
		728 (27460)	24.34	23.50	22.44
		713 (27310)	24.37	23.55	22.47
	1RB-Low (0)	738 (27560)	24.43	23.63	22.62
		728 (27460)	24.57	23.72	22.58
		713 (27310)	24.43	23.73	22.67
	50RB-High (50)	738 (27560)	23.11	22.20	21.20
		728 (27460)	23.30	22.35	21.32
		713 (27310)	23.35	22.32	21.35
	50RB-Middle (25)	738 (27560)	23.26	22.29	21.28
		728 (27460)	23.35	22.36	21.28
		713 (27310)	23.35	22.36	21.33
	50RB-Low (0)	738 (27560)	23.35	22.41	21.38
		728 (27460)	23.40	22.39	21.37
		713 (27310)	23.38	22.45	21.47
	100RB (0)	738 (27560)	23.23	22.25	21.23
		728 (27460)	23.36	22.42	21.31
		713 (27310)	23.35	22.37	21.34

LTE Band28(ANT1 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
3MHz	1RB-High (14)	746.5 (27645)	23.84	22.97	22.00
		719.5 (27375)	23.92	23.38	22.22
		704.5 (27225)	24.03	23.28	22.30
	1RB-Middle (7)	746.5 (27645)	23.82	23.11	22.00
		719.5 (27375)	23.92	23.14	22.30
		704.5 (27225)	24.10	23.34	22.37
	1RB-Low (0)	746.5 (27645)	23.82	23.16	22.02
		719.5 (27375)	24.12	23.37	22.21
		704.5 (27225)	24.08	23.30	22.31
	8RB-High (7)	746.5 (27645)	22.83	21.95	20.88
		719.5 (27375)	23.02	22.13	21.12
		704.5 (27225)	23.04	22.23	21.26
	8RB-Middle (4)	746.5 (27645)	22.76	21.97	20.91
		719.5 (27375)	22.98	22.20	21.13
		704.5 (27225)	23.04	22.20	21.23
	8RB-Low (0)	746.5 (27645)	22.79	21.97	20.97
		719.5 (27375)	23.03	22.14	21.13
		704.5 (27225)	23.00	22.22	21.25
	15RB (0)	746.5 (27645)	22.80	21.88	20.88
		719.5 (27375)	22.96	22.07	21.02
		704.5 (27225)	23.06	22.19	21.18

5MHz	1RB-High (24)	745.5 (27635)	23.90	23.12	22.03
		720.5 (27385)	24.09	23.22	22.29
		705.5 (27235)	24.13	23.47	22.35
	1RB-Middle (12)	745.5 (27635)	24.02	23.14	22.07
		720.5 (27385)	24.12	23.41	22.35
		705.5 (27235)	24.14	23.38	22.32
	1RB-Low (0)	745.5 (27635)	23.87	22.98	22.10
		720.5 (27385)	24.19	23.28	22.37
		705.5 (27235)	24.09	23.37	22.29
	12RB-High (13)	745.5 (27635)	22.89	21.90	20.93
		720.5 (27385)	23.11	22.10	21.12
		705.5 (27235)	23.15	22.23	21.25
	12RB-Middle (6)	745.5 (27635)	22.87	21.98	21.01
		720.5 (27385)	23.10	22.19	21.15
		705.5 (27235)	23.13	22.22	21.26
	12RB-Low (0)	745.5 (27635)	22.80	22.00	21.01
		720.5 (27385)	23.09	22.11	21.12
		705.5 (27235)	23.11	22.24	21.23
	25RB (0)	745.5 (27635)	22.85	21.96	20.97
		720.5 (27385)	23.10	22.14	21.12
		705.5 (27235)	23.18	22.26	21.22
10MHz	1RB-High (49)	743 (27610)	23.91	23.03	22.04
		723 (27410)	24.20	23.32	22.30
		708 (27260)	24.04	23.33	22.31
	1RB-Middle (24)	743 (27610)	23.81	23.02	22.08
		723 (27410)	24.12	23.29	22.27
		708 (27260)	24.10	23.33	22.26
	1RB-Low (0)	743 (27610)	24.13	23.25	22.31
		723 (27410)	24.24	23.39	22.32
		708 (27260)	24.24	23.31	22.43
	25RB-High (25)	743 (27610)	22.82	21.90	20.88
		723 (27410)	23.06	22.08	21.07
		708 (27260)	23.11	22.14	21.11
	25RB-Middle (12)	743 (27610)	22.80	21.93	20.90
		723 (27410)	23.06	22.11	21.12
		708 (27260)	23.13	22.20	21.19
	25RB-Low (0)	743 (27610)	22.94	22.00	21.00
		723 (27410)	23.12	22.18	21.14
		708 (27260)	23.19	22.21	21.18
	50RB (0)	743 (27610)	22.85	21.95	20.95
		723 (27410)	23.11	22.16	21.12
		708 (27260)	23.13	22.20	21.19

15MHz	1RB-High (74)	740.5 (27585)	23.87	23.09	22.01
		725.5 (27435)	23.98	23.32	22.10
		710.5 (27285)	24.05	23.26	22.23
	1RB-Middle (37)	740.5 (27585)	23.89	23.17	22.11
		725.5 (27435)	24.07	23.34	22.20
		710.5 (27285)	24.07	23.28	22.22
	1RB-Low (0)	740.5 (27585)	24.09	23.33	22.23
		725.5 (27435)	24.17	23.47	22.34
		710.5 (27285)	24.27	23.39	22.45
	36RB-High (38)	740.5 (27585)	22.79	21.87	20.87
		725.5 (27435)	22.99	22.01	21.04
		710.5 (27285)	23.01	22.05	21.09
	36RB-Middle (19)	740.5 (27585)	22.84	21.95	20.95
		725.5 (27435)	23.01	22.07	21.08
		710.5 (27285)	23.01	22.10	21.13
	36RB-Low (0)	740.5 (27585)	22.97	22.09	21.09
		725.5 (27435)	23.09	22.10	21.12
		710.5 (27285)	23.12	22.17	21.22
	75RB (0)	740.5 (27585)	22.92	21.95	20.97
		725.5 (27435)	23.05	22.07	21.08
		710.5 (27285)	23.04	22.13	21.11
20MHz	1RB-High (99)	738 (27560)	24.06	23.20	22.17
		728 (27460)	24.14	23.48	22.28
		713 (27310)	24.34	23.62	22.42
	1RB-Middle (50)	738 (27560)	24.26	23.37	22.37
		728 (27460)	24.22	23.54	22.29
		713 (27310)	24.07	23.49	22.34
	1RB-Low (0)	738 (27560)	24.30	23.60	22.52
		728 (27460)	24.35	23.66	22.46
		713 (27310)	24.40	23.69	22.52
	50RB-High (50)	738 (27560)	22.98	22.07	21.07
		728 (27460)	23.22	22.21	21.18
		713 (27310)	23.20	22.22	21.23
	50RB-Middle (25)	738 (27560)	23.13	22.17	21.17
		728 (27460)	23.18	22.22	21.18
		713 (27310)	23.19	22.24	21.24
	50RB-Low (0)	738 (27560)	23.21	22.23	21.23
		728 (27460)	23.28	22.26	21.25
		713 (27310)	23.29	22.33	21.34
	100RB (0)	738 (27560)	23.11	22.13	21.10
		728 (27460)	23.20	22.22	21.23
		713 (27310)	23.20	22.24	21.24

LTE Band28(ANT1 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
3MHz	1RB-High (14)	746.5 (27645)	22.40	22.57	22.05
		719.5 (27375)	22.73	22.93	22.41
		704.5 (27225)	22.80	23.10	22.48
	1RB-Middle (7)	746.5 (27645)	22.49	22.70	22.09
		719.5 (27375)	22.63	22.94	22.34
		704.5 (27225)	22.75	23.10	22.54
	1RB-Low (0)	746.5 (27645)	22.49	22.85	22.16
		719.5 (27375)	22.69	23.00	22.36
		704.5 (27225)	22.80	23.06	22.49
	8RB-High (7)	746.5 (27645)	22.49	22.10	21.03
		719.5 (27375)	22.68	22.27	21.20
		704.5 (27225)	22.81	22.41	21.35
	8RB-Middle (4)	746.5 (27645)	22.50	22.09	21.03
		719.5 (27375)	22.72	22.27	21.21
		704.5 (27225)	22.76	22.40	21.33
	8RB-Low (0)	746.5 (27645)	22.54	22.11	21.07
		719.5 (27375)	22.73	22.27	21.24
		704.5 (27225)	22.78	22.34	21.35
	15RB (0)	746.5 (27645)	22.49	21.99	21.00
		719.5 (27375)	22.72	22.21	21.18
		704.5 (27225)	22.80	22.31	21.26

5MHz	1RB-High (24)	745.5 (27635)	22.48	22.78	22.16
		720.5 (27385)	22.75	23.05	22.37
		705.5 (27235)	22.80	23.02	22.52
	1RB-Middle (12)	745.5 (27635)	22.62	22.83	22.19
		720.5 (27385)	22.76	22.87	22.41
		705.5 (27235)	22.84	23.05	22.49
	1RB-Low (0)	745.5 (27635)	22.52	22.96	22.25
		720.5 (27385)	22.78	22.92	22.47
		705.5 (27235)	22.80	23.07	22.38
	12RB-High (13)	745.5 (27635)	22.56	22.08	21.07
		720.5 (27385)	22.73	22.27	21.25
		705.5 (27235)	22.83	22.35	21.37
	12RB-Middle (6)	745.5 (27635)	22.57	22.12	21.12
		720.5 (27385)	22.78	22.29	21.30
		705.5 (27235)	22.89	22.35	21.40
	12RB-Low (0)	745.5 (27635)	22.62	22.11	21.13
		720.5 (27385)	22.78	22.26	21.30
		705.5 (27235)	22.84	22.35	21.46
	25RB (0)	745.5 (27635)	22.61	22.09	21.07
		720.5 (27385)	22.78	22.30	21.30
		705.5 (27235)	22.87	22.35	21.33
10MHz	1RB-High (49)	743 (27610)	22.52	22.82	22.19
		723 (27410)	22.78	23.07	22.34
		708 (27260)	22.83	23.05	22.43
	1RB-Middle (24)	743 (27610)	22.53	22.73	22.23
		723 (27410)	22.77	23.00	22.45
		708 (27260)	22.83	23.13	22.51
	1RB-Low (0)	743 (27610)	22.77	23.05	22.41
		723 (27410)	22.91	23.10	22.46
		708 (27260)	22.94	23.11	22.58
	25RB-High (25)	743 (27610)	22.57	22.07	21.06
		723 (27410)	22.77	22.25	21.22
		708 (27260)	22.80	22.31	21.29
	25RB-Middle (12)	743 (27610)	22.58	22.07	21.03
		723 (27410)	22.78	22.27	21.27
		708 (27260)	22.85	22.33	21.32
	25RB-Low (0)	743 (27610)	22.68	22.15	21.06
		723 (27410)	22.89	22.30	21.24
		708 (27260)	22.89	22.37	21.33
	50RB (0)	743 (27610)	22.61	22.13	21.07
		723 (27410)	22.80	22.32	21.25
		708 (27260)	22.85	22.35	21.35

15MHz	1RB-High (74)	740.5 (27585)	22.52	22.66	22.17
		725.5 (27435)	22.68	23.06	22.35
		710.5 (27285)	22.72	22.97	22.35
	1RB-Middle (37)	740.5 (27585)	22.60	22.77	22.24
		725.5 (27435)	22.74	22.95	22.41
		710.5 (27285)	22.83	23.10	22.42
	1RB-Low (0)	740.5 (27585)	22.87	23.18	22.45
		725.5 (27435)	22.80	23.18	22.47
		710.5 (27285)	22.89	23.23	22.50
	36RB-High (38)	740.5 (27585)	22.50	22.02	21.04
		725.5 (27435)	22.70	22.16	21.19
		710.5 (27285)	22.72	22.26	21.25
	36RB-Middle (19)	740.5 (27585)	22.59	22.09	21.12
		725.5 (27435)	22.72	22.18	21.23
		710.5 (27285)	22.77	22.28	21.24
	36RB-Low (0)	740.5 (27585)	22.71	22.25	21.24
		725.5 (27435)	22.72	22.25	21.26
		710.5 (27285)	22.86	22.37	21.34
	75RB (0)	740.5 (27585)	22.62	22.15	21.14
		725.5 (27435)	22.75	22.28	21.23
		710.5 (27285)	22.81	22.33	21.28
20MHz	1RB-High (99)	738 (27560)	22.46	22.62	22.10
		728 (27460)	22.62	22.76	22.28
		713 (27310)	22.68	23.04	22.35
	1RB-Middle (50)	738 (27560)	22.56	22.76	22.24
		728 (27460)	22.62	22.81	22.29
		713 (27310)	22.62	22.91	22.31
	1RB-Low (0)	738 (27560)	22.69	22.85	22.41
		728 (27460)	22.77	23.04	22.39
		713 (27310)	22.84	23.19	22.52
	50RB-High (50)	738 (27560)	22.49	22.03	21.00
		728 (27460)	22.64	22.13	21.12
		713 (27310)	22.66	22.12	21.13
	50RB-Middle (25)	738 (27560)	22.62	22.07	21.08
		728 (27460)	22.62	22.09	21.09
		713 (27310)	22.67	22.16	21.15
	50RB-Low (0)	738 (27560)	22.67	22.16	21.15
		728 (27460)	22.71	22.20	21.18
		713 (27310)	22.97	22.26	21.26
	100RB (0)	738 (27560)	22.58	22.03	21.06
		728 (27460)	22.65	22.16	21.14
		713 (27310)	22.71	22.19	21.14

LTE Band38(ANT0 ECI3/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2617.5 (38225)	24.36	23.55	22.14
		2595 (38000)	24.18	23.37	21.94
		2572.5 (37775)	24.10	23.33	21.89
	1RB-Middle (12)	2617.5 (38225)	24.39	23.60	22.13
		2595 (38000)	24.23	23.40	21.95
		2572.5 (37775)	24.12	23.30	21.88
	1RB-Low (0)	2617.5 (38225)	24.34	23.57	22.15
		2595 (38000)	24.21	23.40	22.01
		2572.5 (37775)	24.12	23.33	21.93
	12RB-High (13)	2617.5 (38225)	23.52	22.46	21.53
		2595 (38000)	23.35	22.29	21.33
		2572.5 (37775)	23.25	22.18	21.22
	12RB-Middle (6)	2617.5 (38225)	23.53	22.48	21.52
		2595 (38000)	23.33	22.28	21.34
		2572.5 (37775)	23.26	22.21	21.26
	12RB-Low (0)	2617.5 (38225)	23.56	22.48	21.56
		2595 (38000)	23.31	22.27	21.33
		2572.5 (37775)	23.29	22.23	21.26
	25RB (0)	2617.5 (38225)	23.55	22.53	21.56
		2595 (38000)	23.35	22.34	21.35
		2572.5 (37775)	23.25	22.25	21.26
10MHz	1RB-High (49)	2615 (38200)	24.37	23.57	22.13
		2595 (38000)	24.19	23.40	21.96
		2575 (37800)	24.14	23.35	21.93
	1RB-Middle (24)	2615 (38200)	24.33	23.53	22.12
		2595 (38000)	24.15	23.40	21.96
		2575 (37800)	24.08	23.29	21.88
	1RB-Low (0)	2615 (38200)	24.35	23.56	22.13
		2595 (38000)	24.20	23.41	21.96
		2575 (37800)	24.16	23.38	21.95
	25RB-High (25)	2615 (38200)	23.53	22.51	21.53
		2595 (38000)	23.32	22.30	21.33
		2575 (37800)	23.28	22.26	21.28
	25RB-Middle (12)	2615 (38200)	23.50	22.46	21.48
		2595 (38000)	23.29	22.27	21.30
		2575 (37800)	23.28	22.25	21.29
	25RB-Low (0)	2615 (38200)	23.49	22.48	21.49
		2595 (38000)	23.31	22.33	21.31
		2575 (37800)	23.28	22.26	21.27
	50RB (0)	2615 (38200)	23.49	22.52	21.47
		2595 (38000)	23.34	22.34	21.32
		2575 (37800)	23.27	22.30	21.22

15MHz	1RB-High (74)	2612.5 (38175)	24.33	23.58	22.15
		2595 (38000)	24.20	23.45	21.99
		2577.5 (37825)	24.16	23.38	21.94
	1RB-Middle (37)	2612.5 (38175)	24.30	23.55	22.09
		2595 (38000)	24.19	23.41	21.98
		2577.5 (37825)	24.14	23.37	21.90
	1RB-Low (0)	2612.5 (38175)	24.27	23.49	22.07
		2595 (38000)	24.20	23.42	22.00
		2577.5 (37825)	24.19	23.41	21.99
	36RB-High (38)	2612.5 (38175)	23.46	22.44	21.44
		2595 (38000)	23.30	22.28	21.28
		2577.5 (37825)	23.29	22.26	21.27
	36RB-Middle (19)	2612.5 (38175)	23.44	22.41	21.44
		2595 (38000)	23.31	22.29	21.31
		2577.5 (37825)	23.27	22.24	21.25
	36RB-Low (0)	2612.5 (38175)	23.43	22.40	21.43
		2595 (38000)	23.34	22.32	21.33
		2577.5 (37825)	23.31	22.27	21.27
	75RB (0)	2612.5 (38175)	23.47	22.52	21.52
		2595 (38000)	23.37	22.38	21.39
		2577.5 (37825)	23.32	22.34	21.29
20MHz	1RB-High (99)	2610 (38150)	24.35	23.63	22.19
		2595 (38000)	24.27	23.48	22.04
		2580 (37850)	24.23	23.43	21.98
	1RB-Middle (50)	2610 (38150)	24.39	23.53	22.13
		2595 (38000)	24.25	23.45	22.00
		2580 (37850)	24.28	23.44	22.00
	1RB-Low (0)	2610 (38150)	24.39	23.59	22.14
		2595 (38000)	24.33	23.51	22.04
		2580 (37850)	24.29	23.50	22.04
	50RB-High (50)	2610 (38150)	23.57	22.58	21.54
		2595 (38000)	23.43	22.44	21.42
		2580 (37850)	23.38	22.36	21.33
	50RB-Middle (25)	2610 (38150)	23.52	22.50	21.45
		2595 (38000)	23.44	22.41	21.40
		2580 (37850)	23.37	22.38	21.34
	50RB-Low (0)	2610 (38150)	23.53	22.52	21.48
		2595 (38000)	23.43	22.43	21.39
		2580 (37850)	23.40	22.40	21.37
	100RB (0)	2610 (38150)	23.55	22.54	21.50
		2595 (38000)	23.40	22.40	21.39
		2580 (37850)	23.38	22.40	21.35

LTE Band38(ANT1 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2617.5 (38225)	21.35	21.46	21.01
		2595 (38000)	21.20	21.33	20.87
		2572.5 (37775)	21.15	21.24	20.82
	1RB-Middle (12)	2617.5 (38225)	21.34	21.49	21.03
		2595 (38000)	21.25	21.34	20.92
		2572.5 (37775)	21.22	21.28	20.76
	1RB-Low (0)	2617.5 (38225)	21.36	21.47	21.04
		2595 (38000)	21.28	21.35	20.93
		2572.5 (37775)	21.17	21.25	20.82
	12RB-High (13)	2617.5 (38225)	21.37	21.33	21.40
		2595 (38000)	21.24	21.19	21.26
		2572.5 (37775)	21.13	21.09	21.16
	12RB-Middle (6)	2617.5 (38225)	21.41	21.34	21.43
		2595 (38000)	21.27	21.21	21.27
		2572.5 (37775)	21.15	21.08	21.16
	12RB-Low (0)	2617.5 (38225)	21.41	21.36	21.43
		2595 (38000)	21.26	21.22	21.27
		2572.5 (37775)	21.18	21.14	21.20
	25RB (0)	2617.5 (38225)	21.40	21.41	21.45
		2595 (38000)	21.27	21.25	21.30
		2572.5 (37775)	21.18	21.16	21.21
10MHz	1RB-High (49)	2615 (38200)	21.35	21.45	20.98
		2595 (38000)	21.26	21.32	20.85
		2575 (37800)	21.21	21.30	20.83
	1RB-Middle (24)	2615 (38200)	21.33	21.42	20.99
		2595 (38000)	21.21	21.30	20.84
		2575 (37800)	21.16	21.22	20.79
	1RB-Low (0)	2615 (38200)	21.32	21.42	20.99
		2595 (38000)	21.25	21.33	20.87
		2575 (37800)	21.23	21.30	20.83
	25RB-High (25)	2615 (38200)	21.38	21.34	21.40
		2595 (38000)	21.21	21.19	21.25
		2575 (37800)	21.19	21.16	21.22
	25RB-Middle (12)	2615 (38200)	21.32	21.34	21.38
		2595 (38000)	21.20	21.18	21.24
		2575 (37800)	21.20	21.13	21.18
	25RB-Low (0)	2615 (38200)	21.35	21.34	21.38
		2595 (38000)	21.23	21.24	21.27
		2575 (37800)	21.20	21.15	21.22
	50RB (0)	2615 (38200)	21.36	21.38	21.37
		2595 (38000)	21.22	21.26	21.22
		2575 (37800)	21.17	21.20	21.18

15MHz	1RB-High (74)	2612.5 (38175)	21.38	21.44	21.00
		2595 (38000)	21.25	21.35	20.87
		2577.5 (37825)	21.25	21.29	20.84
	1RB-Middle (37)	2612.5 (38175)	21.33	21.42	20.97
		2595 (38000)	21.26	21.32	20.87
		2577.5 (37825)	21.24	21.27	20.80
	1RB-Low (0)	2612.5 (38175)	21.32	21.41	20.94
		2595 (38000)	21.28	21.37	20.90
		2577.5 (37825)	21.26	21.35	20.87
	36RB-High (38)	2612.5 (38175)	21.30	21.29	21.30
		2595 (38000)	21.17	21.16	21.19
		2577.5 (37825)	21.19	21.17	21.19
	36RB-Middle (19)	2612.5 (38175)	21.30	21.27	21.31
		2595 (38000)	21.21	21.19	21.21
		2577.5 (37825)	21.18	21.14	21.15
	36RB-Low (0)	2612.5 (38175)	21.29	21.28	21.30
		2595 (38000)	21.25	21.22	21.25
		2577.5 (37825)	21.19	21.17	21.18
	75RB (0)	2612.5 (38175)	21.33	21.36	21.37
		2595 (38000)	21.24	21.29	21.27
		2577.5 (37825)	21.20	21.22	21.21
20MHz	1RB-High (99)	2610 (38150)	21.36	21.47	21.03
		2595 (38000)	21.25	21.35	20.88
		2580 (37850)	21.22	21.33	20.89
	1RB-Middle (50)	2610 (38150)	21.31	21.42	20.94
		2595 (38000)	21.24	21.31	20.88
		2580 (37850)	21.22	21.35	20.90
	1RB-Low (0)	2610 (38150)	21.34	21.42	21.00
		2595 (38000)	21.31	21.41	20.93
		2580 (37850)	21.29	21.35	20.90
	50RB-High (50)	2610 (38150)	21.34	21.39	21.37
		2595 (38000)	21.24	21.28	21.27
		2580 (37850)	21.22	21.24	21.23
	50RB-Middle (25)	2610 (38150)	21.28	21.34	21.31
		2595 (38000)	21.25	21.29	21.27
		2580 (37850)	21.24	21.26	21.24
	50RB-Low (0)	2610 (38150)	21.33	21.37	21.35
		2595 (38000)	21.26	21.30	21.28
		2580 (37850)	21.26	21.24	21.23
	100RB (0)	2610 (38150)	21.35	21.37	21.35
		2595 (38000)	21.23	21.27	21.25
		2580 (37850)	21.26	21.26	21.26

LTE Band38(ANT1 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2617.5 (38225)	18.29	18.44	18.00
		2595 (38000)	18.17	18.29	17.82
		2572.5 (37775)	18.17	18.22	17.72
	1RB-Middle (12)	2617.5 (38225)	18.27	18.50	17.87
		2595 (38000)	18.29	18.32	17.83
		2572.5 (37775)	18.22	18.25	17.75
	1RB-Low (0)	2617.5 (38225)	18.29	18.47	17.99
		2595 (38000)	18.21	18.33	17.85
		2572.5 (37775)	18.13	18.22	17.78
	12RB-High (13)	2617.5 (38225)	18.31	18.29	18.35
		2595 (38000)	18.19	18.16	18.20
		2572.5 (37775)	18.10	18.06	18.10
	12RB-Middle (6)	2617.5 (38225)	18.32	18.30	18.34
		2595 (38000)	18.21	18.15	18.20
		2572.5 (37775)	18.09	18.05	18.12
	12RB-Low (0)	2617.5 (38225)	18.37	18.33	18.42
		2595 (38000)	18.20	18.16	18.21
		2572.5 (37775)	18.12	18.06	18.13
	25RB (0)	2617.5 (38225)	18.37	18.33	18.40
		2595 (38000)	18.24	18.20	18.24
		2572.5 (37775)	18.11	18.12	18.15
10MHz	1RB-High (49)	2615 (38200)	18.33	18.43	17.95
		2595 (38000)	18.21	18.32	17.81
		2575 (37800)	18.20	18.31	17.81
	1RB-Middle (24)	2615 (38200)	18.29	18.40	17.87
		2595 (38000)	18.23	18.30	17.85
		2575 (37800)	18.13	18.26	17.82
	1RB-Low (0)	2615 (38200)	18.29	18.44	17.94
		2595 (38000)	18.24	18.33	17.82
		2575 (37800)	18.21	18.29	17.80
	25RB-High (25)	2615 (38200)	18.31	18.32	18.36
		2595 (38000)	18.17	18.17	18.22
		2575 (37800)	18.15	18.14	18.18
	25RB-Middle (12)	2615 (38200)	18.29	18.31	18.33
		2595 (38000)	18.15	18.13	18.21
		2575 (37800)	18.12	18.09	18.16
	25RB-Low (0)	2615 (38200)	18.30	18.28	18.33
		2595 (38000)	18.22	18.20	18.24
		2575 (37800)	18.15	18.13	18.16
	50RB (0)	2615 (38200)	18.32	18.34	18.30
		2595 (38000)	18.21	18.23	18.18
		2575 (37800)	18.14	18.19	18.11

15MHz	1RB-High (74)	2612.5 (38175)	18.35	18.47	17.93
		2595 (38000)	18.24	18.33	17.88
		2577.5 (37825)	18.26	18.32	17.81
	1RB-Middle (37)	2612.5 (38175)	18.30	18.39	17.92
		2595 (38000)	18.28	18.34	17.86
		2577.5 (37825)	18.19	18.28	17.81
	1RB-Low (0)	2612.5 (38175)	18.29	18.41	17.95
		2595 (38000)	18.26	18.36	17.91
		2577.5 (37825)	18.25	18.33	17.86
	36RB-High (38)	2612.5 (38175)	18.26	18.27	18.29
		2595 (38000)	18.17	18.15	18.16
		2577.5 (37825)	18.17	18.15	18.15
	36RB-Middle (19)	2612.5 (38175)	18.27	18.22	18.26
		2595 (38000)	18.17	18.17	18.17
		2577.5 (37825)	18.11	18.12	18.12
	36RB-Low (0)	2612.5 (38175)	18.26	18.24	18.27
		2595 (38000)	18.21	18.19	18.22
		2577.5 (37825)	18.17	18.14	18.15
	75RB (0)	2612.5 (38175)	18.32	18.34	18.34
		2595 (38000)	18.23	18.27	18.25
		2577.5 (37825)	18.18	18.21	18.20
20MHz	1RB-High (99)	2610 (38150)	18.37	18.49	17.99
		2595 (38000)	18.28	18.37	17.87
		2580 (37850)	18.26	18.36	17.85
	1RB-Middle (50)	2610 (38150)	18.31	18.42	17.96
		2595 (38000)	18.30	18.32	17.89
		2580 (37850)	18.26	18.34	17.87
	1RB-Low (0)	2610 (38150)	18.37	18.47	18.02
		2595 (38000)	18.33	18.37	17.96
		2580 (37850)	18.30	18.38	17.90
	50RB-High (50)	2610 (38150)	18.35	18.38	18.35
		2595 (38000)	18.23	18.27	18.26
		2580 (37850)	18.23	18.24	18.21
	50RB-Middle (25)	2610 (38150)	18.29	18.33	18.29
		2595 (38000)	18.24	18.28	18.27
		2580 (37850)	18.23	18.28	18.20
	50RB-Low (0)	2610 (38150)	18.34	18.33	18.33
		2595 (38000)	18.28	18.30	18.26
		2580 (37850)	18.25	18.28	18.25
	100RB (0)	2610 (38150)	18.35	18.38	18.35
		2595 (38000)	18.28	18.30	18.24
		2580 (37850)	18.25	18.28	18.24

LTE Band38(ANT4 ECI3/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2617.5 (38225)	23.62	22.81	21.41
		2595 (38000)	23.63	22.81	21.45
		2572.5 (37775)	23.57	22.76	21.34
	1RB-Middle (12)	2617.5 (38225)	23.71	22.86	21.46
		2595 (38000)	23.71	22.85	21.46
		2572.5 (37775)	23.57	22.76	21.35
	1RB-Low (0)	2617.5 (38225)	23.70	22.85	21.49
		2595 (38000)	23.68	22.89	21.48
		2572.5 (37775)	23.58	22.77	21.39
	12RB-High (13)	2617.5 (38225)	22.80	21.77	20.82
		2595 (38000)	22.79	21.75	20.79
		2572.5 (37775)	22.70	21.63	20.69
	12RB-Middle (6)	2617.5 (38225)	22.82	21.77	20.82
		2595 (38000)	22.80	21.76	20.81
		2572.5 (37775)	22.71	21.66	20.71
	12RB-Low (0)	2617.5 (38225)	22.85	21.79	20.85
		2595 (38000)	22.80	21.75	20.80
		2572.5 (37775)	22.73	21.67	20.73
	25RB (0)	2617.5 (38225)	22.84	21.85	20.87
		2595 (38000)	22.81	21.81	20.84
		2572.5 (37775)	22.72	21.72	20.73
10MHz	1RB-High (49)	2615 (38200)	23.58	22.78	21.43
		2595 (38000)	23.62	22.81	21.40
		2575 (37800)	23.58	22.81	21.36
	1RB-Middle (24)	2615 (38200)	23.56	22.80	21.45
		2595 (38000)	23.58	22.83	21.42
		2575 (37800)	23.52	22.75	21.34
	1RB-Low (0)	2615 (38200)	23.69	22.85	21.45
		2595 (38000)	23.65	22.83	21.44
		2575 (37800)	23.60	22.79	21.37
	25RB-High (25)	2615 (38200)	22.74	21.76	20.78
		2595 (38000)	22.74	21.72	20.76
		2575 (37800)	22.71	21.70	20.71
	25RB-Middle (12)	2615 (38200)	22.74	21.76	20.79
		2595 (38000)	22.72	21.73	20.74
		2575 (37800)	22.69	21.69	20.72
	25RB-Low (0)	2615 (38200)	22.76	21.78	20.83
		2595 (38000)	22.76	21.76	20.79
		2575 (37800)	22.70	21.69	20.72
	50RB (0)	2615 (38200)	22.77	21.82	20.78
		2595 (38000)	22.76	21.78	20.74
		2575 (37800)	22.71	21.71	20.68

15MHz	1RB-High (74)	2612.5 (38175)	23.61	22.79	21.41
		2595 (38000)	23.62	22.80	21.37
		2577.5 (37825)	23.60	22.79	21.39
	1RB-Middle (37)	2612.5 (38175)	23.63	22.81	21.44
		2595 (38000)	23.61	22.82	21.41
		2577.5 (37825)	23.60	22.75	21.37
	1RB-Low (0)	2612.5 (38175)	23.67	22.83	21.44
		2595 (38000)	23.65	22.85	21.44
		2577.5 (37825)	23.65	22.82	21.42
	36RB-High (38)	2612.5 (38175)	22.73	21.70	20.71
		2595 (38000)	22.71	21.68	20.69
		2577.5 (37825)	22.72	21.70	20.71
	36RB-Middle (19)	2612.5 (38175)	22.75	21.72	20.75
		2595 (38000)	22.72	21.73	20.74
		2577.5 (37825)	22.69	21.68	20.68
	36RB-Low (0)	2612.5 (38175)	22.75	21.75	20.76
		2595 (38000)	22.76	21.74	20.77
		2577.5 (37825)	22.71	21.70	20.69
	75RB (0)	2612.5 (38175)	22.77	21.82	20.79
		2595 (38000)	22.76	21.81	20.81
		2577.5 (37825)	22.71	21.75	20.76
20MHz	1RB-High (99)	2610 (38150)	23.54	22.77	21.40
		2595 (38000)	23.53	22.75	21.35
		2580 (37850)	23.57	22.79	21.38
	1RB-Middle (50)	2610 (38150)	23.55	22.77	21.42
		2595 (38000)	23.55	22.77	21.42
		2580 (37850)	23.57	22.79	21.38
	1RB-Low (0)	2610 (38150)	23.65	22.88	21.49
		2595 (38000)	23.64	22.85	21.43
		2580 (37850)	23.60	22.81	21.41
	50RB-High (50)	2610 (38150)	22.71	21.78	20.75
		2595 (38000)	22.71	21.74	20.73
		2580 (37850)	22.71	21.75	20.72
	50RB-Middle (25)	2610 (38150)	22.70	21.76	20.73
		2595 (38000)	22.74	21.78	20.77
		2580 (37850)	22.70	21.75	20.74
	50RB-Low (0)	2610 (38150)	22.76	21.84	20.80
		2595 (38000)	22.75	21.80	20.80
		2580 (37850)	22.74	21.76	20.74
	100RB (0)	2610 (38150)	22.74	21.81	20.80
		2595 (38000)	22.73	21.77	20.74
		2580 (37850)	22.73	21.76	20.74

LTE Band41(ANT0 ECI3/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.71	23.01	21.56
		2640.3(41093)	23.61	23.12	21.71
		2593 (40620)	23.80	23.03	21.57
		2545.8(40148)	23.90	23.11	21.70
		2498.5 (39675)	23.77	22.98	21.58
	1RB-Middle (12)	2687.5 (41565)	23.76	23.01	21.59
		2640.3(41093)	23.65	23.14	21.72
		2593 (40620)	23.82	23.03	21.60
		2545.8(40148)	23.94	23.10	21.68
		2498.5 (39675)	23.80	22.99	21.55
	1RB-Low (0)	2687.5 (41565)	23.72	22.97	21.57
		2640.3(41093)	23.86	23.16	21.77
		2593 (40620)	23.83	23.03	21.64
		2545.8(40148)	23.91	23.11	21.72
		2498.5 (39675)	23.80	22.95	21.54
	12RB-High (13)	2687.5 (41565)	22.95	21.91	20.95
		2640.3(41093)	23.06	22.05	21.06
		2593 (40620)	22.97	21.90	20.95
		2545.8(40148)	23.06	21.99	21.05
		2498.5 (39675)	22.96	21.90	20.95
	12RB-Middle (6)	2687.5 (41565)	22.94	21.90	20.95
		2640.3(41093)	23.08	22.04	21.09
		2593 (40620)	22.95	21.88	20.94
		2545.8(40148)	23.06	22.00	21.03
		2498.5 (39675)	22.92	21.89	20.90
	12RB-Low (0)	2687.5 (41565)	22.95	21.90	20.95
		2640.3(41093)	23.11	22.05	21.13
		2593 (40620)	22.97	21.89	20.97
		2545.8(40148)	23.07	22.03	21.07
		2498.5 (39675)	22.96	21.89	20.95
	25RB (0)	2687.5 (41565)	22.95	21.94	20.98
		2640.3(41093)	23.11	22.09	21.12
		2593 (40620)	23.00	21.96	21.00
		2545.8(40148)	23.06	22.08	21.07
		2498.5 (39675)	22.95	21.94	20.92

10MHz	1RB-High (49)	2685 (41540)	23.68	22.97	21.53
		2639(41080)	23.42	23.06	21.67
		2593 (40620)	23.75	22.99	21.55
		2547(40160)	23.83	23.07	21.64
		2501 (39700)	23.85	23.05	21.63
	1RB-Middle (24)	2685 (41540)	23.67	23.02	21.55
		2639(41080)	23.52	23.12	21.71
		2593 (40620)	23.73	22.96	21.58
		2547(40160)	23.84	23.08	21.66
		2501 (39700)	23.81	22.96	21.55
	1RB-Low (0)	2685 (41540)	23.79	23.02	21.58
		2639(41080)	23.54	23.16	21.78
		2593 (40620)	23.81	23.01	21.59
		2547(40160)	23.94	23.16	21.70
		2501 (39700)	23.78	22.98	21.58
	25RB-High (25)	2685 (41540)	22.87	21.91	20.95
		2639(41080)	23.03	22.04	21.04
		2593 (40620)	22.94	21.92	20.96
		2547(40160)	23.01	22.00	21.02
		2501 (39700)	22.93	21.93	20.93
	25RB-Middle (12)	2685 (41540)	22.91	21.91	20.93
		2639(41080)	23.04	22.07	21.06
		2593 (40620)	22.91	21.88	20.94
		2547(40160)	23.02	22.02	21.02
		2501 (39700)	22.93	21.92	20.90
	25RB-Low (0)	2685 (41540)	22.90	21.92	20.95
		2639(41080)	23.09	22.10	21.10
		2593 (40620)	22.92	21.89	20.93
		2547(40160)	23.05	22.03	21.04
		2501 (39700)	22.91	21.91	20.93
	50RB (0)	2685 (41540)	22.92	21.96	20.91
		2639(41080)	23.05	22.10	21.06
		2593 (40620)	22.91	21.94	20.92
		2547(40160)	23.03	22.06	21.00
		2501 (39700)	22.92	21.95	20.90

15MHz	1RB-High (74)	2682.5 (41515)	23.70	22.97	21.55
		2637.8(41068)	23.61	23.09	21.72
		2593 (40620)	23.79	23.01	21.55
		2548.3(40173)	23.84	23.08	21.61
		2503.5 (39725)	23.88	23.05	21.58
	1RB-Middle (37)	2682.5 (41515)	23.70	22.98	21.53
		2637.8(41068)	23.66	23.13	21.70
		2593 (40620)	23.79	23.02	21.57
		2548.3(40173)	23.85	23.10	21.61
		2503.5 (39725)	23.78	22.99	21.52
	1RB-Low (0)	2682.5 (41515)	23.80	23.04	21.62
		2637.8(41068)	23.76	23.18	21.80
		2593 (40620)	23.85	23.05	21.60
		2548.3(40173)	23.96	23.17	21.70
		2503.5 (39725)	23.76	23.01	21.54
	36RB-High (38)	2682.5 (41515)	22.87	21.86	20.86
		2637.8(41068)	23.02	22.02	21.01
		2593 (40620)	22.90	21.88	20.88
		2548.3(40173)	22.97	21.94	20.90
		2503.5 (39725)	22.91	21.89	20.88
	36RB-Middle (19)	2682.5 (41515)	22.86	21.86	20.88
		2637.8(41068)	23.03	22.02	21.04
		2593 (40620)	22.92	21.90	20.87
		2548.3(40173)	22.98	21.97	20.92
		2503.5 (39725)	22.90	21.90	20.87
	36RB-Low (0)	2682.5 (41515)	22.90	21.89	20.92
		2637.8(41068)	23.10	22.08	21.08
		2593 (40620)	22.92	21.88	20.87
		2548.3(40173)	23.02	21.99	20.97
		2503.5 (39725)	22.93	21.90	20.87
	75RB (0)	2682.5 (41515)	22.92	21.96	20.95
		2637.8(41068)	23.09	22.13	21.06
		2593 (40620)	22.92	21.97	20.91
		2548.3(40173)	23.01	22.04	20.97
		2503.5 (39725)	22.94	21.97	20.92

20MHz	1RB-High (99)	2680 (41490)	23.73	22.99	21.55
		2636.5(41055)	23.77	23.10	21.67
		2593 (40620)	23.74	23.05	21.62
		2549.5(40185)	23.83	23.04	21.61
		2506 (39750)	23.85	23.09	21.66
	1RB-Middle (50)	2680 (41490)	23.72	22.97	21.54
		2636.5(41055)	23.89	23.13	21.72
		2593 (40620)	23.80	23.01	21.58
		2549.5(40185)	23.89	23.06	21.62
		2506 (39750)	23.83	23.01	21.60
	1RB-Low (0)	2680 (41490)	23.86	23.09	21.65
		2636.5(41055)	23.96	23.21	21.79
		2593 (40620)	23.86	23.11	21.66
		2549.5(40185)	23.94	23.18	21.73
		2506 (39750)	23.80	23.00	21.56
	50RB-High (50)	2680 (41490)	22.92	21.96	20.93
		2636.5(41055)	23.08	22.10	21.05
		2593 (40620)	22.96	21.97	20.96
		2549.5(40185)	22.98	22.01	20.97
		2506 (39750)	22.97	21.99	20.99
	50RB-Middle (25)	2680 (41490)	22.92	21.95	20.93
		2636.5(41055)	23.09	22.12	21.09
		2593 (40620)	22.92	21.96	20.93
		2549.5(40185)	23.01	22.03	20.99
		2506 (39750)	22.96	21.97	20.94
	50RB-Low (0)	2680 (41490)	23.01	22.02	21.00
		2636.5(41055)	23.12	22.15	21.13
		2593 (40620)	22.95	21.98	20.94
		2549.5(40185)	23.05	22.07	21.04
		2506 (39750)	22.95	21.98	20.96
	100RB (0)	2680 (41490)	22.95	21.96	20.96
		2636.5(41055)	23.11	22.14	21.11
		2593 (40620)	22.97	21.99	20.99
		2549.5(40185)	22.99	22.02	21.00
		2506 (39750)	22.94	21.97	20.94

LTE Band41(ANT1 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2687.5 (41565)	21.13	21.31	20.83
		2640.3(41093)	21.32	21.41	20.97
		2593 (40620)	21.25	21.34	20.89
		2545.8(40148)	21.13	21.24	20.77
		2498.5 (39675)	21.03	21.14	20.67
	1RB-Middle (12)	2687.5 (41565)	21.14	21.31	20.83
		2640.3(41093)	21.35	21.44	21.01
		2593 (40620)	21.27	21.36	20.89
		2545.8(40148)	21.18	21.24	20.79
		2498.5 (39675)	21.05	21.13	20.62
	1RB-Low (0)	2687.5 (41565)	21.20	21.30	20.82
		2640.3(41093)	21.35	21.44	21.03
		2593 (40620)	21.30	21.35	20.96
		2545.8(40148)	21.13	21.21	20.80
		2498.5 (39675)	21.02	21.08	20.67
	12RB-High (13)	2687.5 (41565)	21.19	21.18	21.21
		2640.3(41093)	21.35	21.29	21.37
		2593 (40620)	21.25	21.21	21.27
		2545.8(40148)	21.15	21.10	21.15
		2498.5 (39675)	21.04	21.00	21.06
	12RB-Middle (6)	2687.5 (41565)	21.19	21.15	21.22
		2640.3(41093)	21.36	21.30	21.37
		2593 (40620)	21.23	21.20	21.25
		2545.8(40148)	21.14	21.09	21.14
		2498.5 (39675)	21.02	20.96	21.04
	12RB-Low (0)	2687.5 (41565)	21.20	21.15	21.23
		2640.3(41093)	21.38	21.33	21.40
		2593 (40620)	21.28	21.22	21.30
		2545.8(40148)	21.18	21.10	21.18
		2498.5 (39675)	21.06	21.00	21.06
	25RB (0)	2687.5 (41565)	21.22	21.20	21.25
		2640.3(41093)	21.37	21.37	21.39
		2593 (40620)	21.28	21.28	21.31
		2545.8(40148)	21.18	21.16	21.18
		2498.5 (39675)	21.04	21.05	21.08

10MHz	1RB-High (49)	2685 (41540)	21.12	21.25	20.77
		2639(41080)	21.34	21.38	20.95
		2593 (40620)	21.23	21.30	20.87
		2547(40160)	21.13	21.21	20.78
		2501 (39700)	21.06	21.15	20.69
	1RB-Middle (24)	2685 (41540)	21.16	21.35	20.82
		2639(41080)	21.34	21.42	20.97
		2593 (40620)	21.26	21.31	20.89
		2547(40160)	21.13	21.21	20.79
		2501 (39700)	21.00	21.05	20.67
	1RB-Low (0)	2685 (41540)	21.26	21.37	20.89
		2639(41080)	21.41	21.49	21.03
		2593 (40620)	21.27	21.35	20.90
		2547(40160)	21.16	21.22	20.81
		2501 (39700)	21.07	21.13	20.67
	25RB-High (25)	2685 (41540)	21.16	21.19	21.22
		2639(41080)	21.35	21.31	21.34
		2593 (40620)	21.22	21.22	21.27
		2547(40160)	21.15	21.12	21.18
		2501 (39700)	21.01	20.99	21.04
	25RB-Middle (12)	2685 (41540)	21.20	21.18	21.23
		2639(41080)	21.34	21.31	21.36
		2593 (40620)	21.19	21.20	21.25
		2547(40160)	21.12	21.11	21.16
		2501 (39700)	20.99	20.97	21.01
	25RB-Low (0)	2685 (41540)	21.21	21.21	21.23
		2639(41080)	21.37	21.34	21.38
		2593 (40620)	21.22	21.21	21.28
		2547(40160)	21.12	21.12	21.16
		2501 (39700)	21.01	21.00	21.03
	50RB (0)	2685 (41540)	21.22	21.25	21.21
		2639(41080)	21.34	21.35	21.34
		2593 (40620)	21.22	21.25	21.23
		2547(40160)	21.12	21.16	21.15
		2501 (39700)	21.01	21.03	21.02

15MHz	1RB-High (74)	2682.5 (41515)	21.16	21.31	20.79
		2637.8(41068)	21.35	21.39	20.97
		2593 (40620)	21.27	21.36	20.90
		2548.3(40173)	21.22	21.31	20.82
		2503.5 (39725)	21.08	21.14	20.69
	1RB-Middle (37)	2682.5 (41515)	21.17	21.31	20.83
		2637.8(41068)	21.35	21.43	21.00
		2593 (40620)	21.27	21.38	20.91
		2548.3(40173)	21.14	21.24	20.78
		2503.5 (39725)	21.01	21.09	20.65
	1RB-Low (0)	2682.5 (41515)	21.31	21.37	20.93
		2637.8(41068)	21.42	21.49	21.07
		2593 (40620)	21.31	21.38	20.93
		2548.3(40173)	21.18	21.28	20.83
		2503.5 (39725)	21.07	21.16	20.70
	36RB-High (38)	2682.5 (41515)	21.15	21.14	21.16
		2637.8(41068)	21.30	21.28	21.31
		2593 (40620)	21.21	21.18	21.19
		2548.3(40173)	21.12	21.10	21.13
		2503.5 (39725)	20.97	20.93	20.95
	36RB-Middle (19)	2682.5 (41515)	21.15	21.13	21.16
		2637.8(41068)	21.30	21.29	21.32
		2593 (40620)	21.22	21.19	21.23
		2548.3(40173)	21.09	21.09	21.10
		2503.5 (39725)	20.94	20.96	20.97
	36RB-Low (0)	2682.5 (41515)	21.21	21.19	21.21
		2637.8(41068)	21.38	21.35	21.37
		2593 (40620)	21.22	21.20	21.23
		2548.3(40173)	21.11	21.08	21.14
		2503.5 (39725)	21.00	21.00	21.01
	75RB (0)	2682.5 (41515)	21.21	21.25	21.24
		2637.8(41068)	21.36	21.39	21.38
		2593 (40620)	21.24	21.27	21.28
		2548.3(40173)	21.12	21.17	21.16
		2503.5 (39725)	21.01	21.04	21.03

20MHz	1RB-High (99)	2680 (41490)	21.17	21.33	20.81
		2636.5(41055)	21.38	21.48	20.98
		2593 (40620)	21.33	21.40	20.94
		2549.5(40185)	21.21	21.32	20.81
		2506 (39750)	21.08	21.15	20.70
	1RB-Middle (50)	2680 (41490)	21.23	21.30	20.84
		2636.5(41055)	21.39	21.43	21.07
		2593 (40620)	21.26	21.38	20.92
		2549.5(40185)	21.15	21.23	20.79
		2506 (39750)	21.07	21.11	20.70
	1RB-Low (0)	2680 (41490)	21.39	21.47	21.01
		2636.5(41055)	21.44	21.52	21.06
		2593 (40620)	21.38	21.45	21.01
		2549.5(40185)	21.21	21.29	20.82
		2506 (39750)	21.11	21.12	20.71
	50RB-High (50)	2680 (41490)	21.22	21.26	21.22
		2636.5(41055)	21.37	21.36	21.36
		2593 (40620)	21.26	21.29	21.26
		2549.5(40185)	21.19	21.18	21.18
		2506 (39750)	21.03	21.04	21.02
	50RB-Middle (25)	2680 (41490)	21.23	21.27	21.26
		2636.5(41055)	21.39	21.42	21.39
		2593 (40620)	21.27	21.29	21.27
		2549.5(40185)	21.16	21.19	21.16
		2506 (39750)	21.04	21.05	21.03
	50RB-Low (0)	2680 (41490)	21.32	21.33	21.32
		2636.5(41055)	21.41	21.44	21.45
		2593 (40620)	21.28	21.33	21.29
		2549.5(40185)	21.17	21.17	21.16
		2506 (39750)	21.07	21.08	21.06
	100RB (0)	2680 (41490)	21.26	21.29	21.27
		2636.5(41055)	21.40	21.42	21.41
		2593 (40620)	21.28	21.32	21.32
		2549.5(40185)	21.16	21.18	21.17
		2506 (39750)	21.06	21.06	21.04

LTE Band41(ANT1 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2687.5 (41565)	17.55	17.70	17.17
		2640.3(41093)	17.67	17.86	17.33
		2593 (40620)	17.69	17.78	17.30
		2545.8(40148)	17.57	17.64	17.19
		2498.5 (39675)	17.36	17.49	17.04
	1RB-Middle (12)	2687.5 (41565)	17.67	17.73	17.27
		2640.3(41093)	17.65	17.89	17.30
		2593 (40620)	17.66	17.81	17.31
		2545.8(40148)	17.56	17.63	17.22
		2498.5 (39675)	17.38	17.51	17.01
	1RB-Low (0)	2687.5 (41565)	17.54	17.70	17.19
		2640.3(41093)	17.73	17.87	17.38
		2593 (40620)	17.66	17.79	17.35
		2545.8(40148)	17.53	17.64	17.19
		2498.5 (39675)	17.36	17.46	17.07
	12RB-High (13)	2687.5 (41565)	17.58	17.55	17.62
		2640.3(41093)	17.72	17.71	17.77
		2593 (40620)	17.63	17.62	17.67
		2545.8(40148)	17.52	17.50	17.54
		2498.5 (39675)	17.39	17.36	17.45
	12RB-Middle (6)	2687.5 (41565)	17.55	17.56	17.61
		2640.3(41093)	17.73	17.70	17.77
		2593 (40620)	17.62	17.59	17.63
		2545.8(40148)	17.50	17.49	17.52
		2498.5 (39675)	17.37	17.35	17.41
	12RB-Low (0)	2687.5 (41565)	17.58	17.55	17.62
		2640.3(41093)	17.77	17.73	17.79
		2593 (40620)	17.67	17.62	17.68
		2545.8(40148)	17.51	17.50	17.55
		2498.5 (39675)	17.41	17.35	17.45
	25RB (0)	2687.5 (41565)	17.50	17.59	17.65
		2640.3(41093)	17.78	17.74	17.81
		2593 (40620)	17.70	17.65	17.71
		2545.8(40148)	17.55	17.54	17.57
		2498.5 (39675)	17.44	17.39	17.45

10MHz	1RB-High (49)	2685 (41540)	17.51	17.71	17.21
		2639(41080)	17.71	17.88	17.41
		2593 (40620)	17.64	17.79	17.30
		2547(40160)	17.57	17.69	17.18
		2501 (39700)	17.41	17.57	17.08
	1RB-Middle (24)	2685 (41540)	17.56	17.71	17.27
		2639(41080)	17.70	17.88	17.34
		2593 (40620)	17.67	17.72	17.35
		2547(40160)	17.53	17.60	17.16
		2501 (39700)	17.37	17.43	17.05
	1RB-Low (0)	2685 (41540)	17.61	17.79	17.23
		2639(41080)	17.80	17.95	17.45
		2593 (40620)	17.68	17.76	17.37
		2547(40160)	17.60	17.66	17.20
		2501 (39700)	17.42	17.54	17.10
	25RB-High (25)	2685 (41540)	17.58	17.58	17.64
		2639(41080)	17.73	17.72	17.79
		2593 (40620)	17.67	17.62	17.69
		2547(40160)	17.56	17.55	17.61
		2501 (39700)	17.38	17.37	17.44
	25RB-Middle (12)	2685 (41540)	17.58	17.59	17.64
		2639(41080)	17.73	17.72	17.77
		2593 (40620)	17.61	17.59	17.67
		2547(40160)	17.54	17.51	17.57
		2501 (39700)	17.40	17.36	17.43
	25RB-Low (0)	2685 (41540)	17.63	17.61	17.67
		2639(41080)	17.79	17.78	17.83
		2593 (40620)	17.64	17.64	17.67
		2547(40160)	17.54	17.53	17.58
		2501 (39700)	17.40	17.39	17.44
	50RB (0)	2685 (41540)	17.61	17.66	17.63
		2639(41080)	17.74	17.79	17.75
		2593 (40620)	17.64	17.70	17.63
		2547(40160)	17.55	17.58	17.54
		2501 (39700)	17.39	17.42	17.41

15MHz	1RB-High (74)	2682.5 (41515)	17.57	17.72	17.18
		2637.8(41068)	17.77	17.92	17.40
		2593 (40620)	17.74	17.82	17.35
		2548.3(40173)	17.66	17.76	17.23
		2503.5 (39725)	17.46	17.56	17.12
	1RB-Middle (37)	2682.5 (41515)	17.55	17.72	17.28
		2637.8(41068)	17.80	17.90	17.40
		2593 (40620)	17.69	17.85	17.34
		2548.3(40173)	17.56	17.70	17.19
		2503.5 (39725)	17.41	17.52	17.06
	1RB-Low (0)	2682.5 (41515)	17.70	17.85	17.34
		2637.8(41068)	17.86	17.95	17.50
		2593 (40620)	17.77	17.87	17.40
		2548.3(40173)	17.65	17.73	17.25
		2503.5 (39725)	17.45	17.55	17.13
	36RB-High (38)	2682.5 (41515)	17.57	17.54	17.59
		2637.8(41068)	17.73	17.70	17.73
		2593 (40620)	17.62	17.62	17.61
		2548.3(40173)	17.55	17.54	17.52
		2503.5 (39725)	17.37	17.35	17.39
	36RB-Middle (19)	2682.5 (41515)	17.54	17.56	17.58
		2637.8(41068)	17.71	17.71	17.73
		2593 (40620)	17.62	17.63	17.63
		2548.3(40173)	17.49	17.49	17.51
		2503.5 (39725)	17.34	17.33	17.38
	36RB-Low (0)	2682.5 (41515)	17.61	17.59	17.66
		2637.8(41068)	17.78	17.75	17.80
		2593 (40620)	17.66	17.65	17.65
		2548.3(40173)	17.55	17.52	17.54
		2503.5 (39725)	17.42	17.42	17.44
	75RB (0)	2682.5 (41515)	17.62	17.65	17.67
		2637.8(41068)	17.77	17.80	17.81
		2593 (40620)	17.67	17.72	17.68
		2548.3(40173)	17.58	17.61	17.60
		2503.5 (39725)	17.41	17.47	17.46

20MHz	1RB-High (99)	2680 (41490)	17.61	17.75	17.29
		2636.5(41055)	17.78	17.92	17.42
		2593 (40620)	17.77	17.86	17.40
		2549.5(40185)	17.67	17.78	17.29
		2506 (39750)	17.48	17.58	17.10
	1RB-Middle (50)	2680 (41490)	17.65	17.77	17.30
		2636.5(41055)	17.78	17.93	17.42
		2593 (40620)	17.75	17.82	17.34
		2549.5(40185)	17.65	17.70	17.25
		2506 (39750)	17.50	17.54	17.11
	1RB-Low (0)	2680 (41490)	17.78	17.89	17.41
		2636.5(41055)	17.87	17.96	17.49
		2593 (40620)	17.83	17.90	17.45
		2549.5(40185)	17.63	17.74	17.27
		2506 (39750)	17.47	17.58	17.14
	50RB-High (50)	2680 (41490)	17.67	17.68	17.68
		2636.5(41055)	17.79	17.80	17.79
		2593 (40620)	17.73	17.73	17.70
		2549.5(40185)	17.61	17.64	17.62
		2506 (39750)	17.43	17.46	17.46
	50RB-Middle (25)	2680 (41490)	17.68	17.71	17.68
		2636.5(41055)	17.83	17.84	17.82
		2593 (40620)	17.69	17.71	17.68
		2549.5(40185)	17.60	17.61	17.59
		2506 (39750)	17.42	17.46	17.47
	50RB-Low (0)	2680 (41490)	17.74	17.76	17.75
		2636.5(41055)	17.84	17.87	17.85
		2593 (40620)	17.75	17.76	17.73
		2549.5(40185)	17.60	17.62	17.61
		2506 (39750)	17.46	17.50	17.50
	100RB (0)	2680 (41490)	17.69	17.70	17.71
		2636.5(41055)	17.84	17.84	17.82
		2593 (40620)	17.75	17.76	17.77
		2549.5(40185)	17.63	17.62	17.60
		2506 (39750)	17.45	17.47	17.48

LTE Band41(ANT4 ECI3/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.06	22.32	20.89
		2640.3(41093)	23.34	22.55	21.20
		2593 (40620)	23.57	22.79	21.38
		2545.8(40148)	23.61	22.84	21.43
		2498.5 (39675)	23.73	22.94	21.54
	1RB-Middle (12)	2687.5 (41565)	23.10	22.36	20.92
		2640.3(41093)	23.39	22.57	21.25
		2593 (40620)	23.63	22.82	21.46
		2545.8(40148)	23.67	22.82	21.43
		2498.5 (39675)	23.81	22.97	21.56
	1RB-Low (0)	2687.5 (41565)	23.11	22.34	20.92
		2640.3(41093)	23.38	22.61	21.29
		2593 (40620)	23.62	22.82	21.48
		2545.8(40148)	23.68	22.84	21.44
		2498.5 (39675)	23.77	22.93	21.60
	12RB-High (13)	2687.5 (41565)	22.26	21.26	20.30
		2640.3(41093)	22.50	21.48	20.54
		2593 (40620)	22.77	21.72	20.79
		2545.8(40148)	22.75	21.73	20.78
		2498.5 (39675)	22.93	21.87	20.95
	12RB-Middle (6)	2687.5 (41565)	22.26	21.23	20.30
		2640.3(41093)	22.54	21.50	20.53
		2593 (40620)	22.73	21.70	20.75
		2545.8(40148)	22.77	21.73	20.74
		2498.5 (39675)	22.89	21.85	20.90
	12RB-Low (0)	2687.5 (41565)	22.27	21.25	20.31
		2640.3(41093)	22.58	21.51	20.58
		2593 (40620)	22.76	21.74	20.78
		2545.8(40148)	22.79	21.75	20.81
		2498.5 (39675)	22.93	21.88	20.97
	25RB (0)	2687.5 (41565)	22.27	21.28	20.33
		2640.3(41093)	22.54	21.58	20.59
		2593 (40620)	22.77	21.76	20.82
		2545.8(40148)	22.79	21.80	20.80
		2498.5 (39675)	22.89	21.90	20.94

10MHz	1RB-High (49)	2685 (41540)	23.01	22.28	20.84
		2639(41080)	23.21	22.48	21.08
		2593 (40620)	23.54	22.75	21.33
		2547(40160)	23.53	22.77	21.32
		2501 (39700)	23.77	22.93	21.56
	1RB-Middle (24)	2685 (41540)	23.05	22.30	20.87
		2639(41080)	23.30	22.54	21.11
		2593 (40620)	23.53	22.75	21.35
		2547(40160)	23.52	22.74	21.34
		2501 (39700)	23.71	22.89	21.48
	1RB-Low (0)	2685 (41540)	23.16	22.39	20.96
		2639(41080)	23.36	22.62	21.25
		2593 (40620)	23.60	22.80	21.38
		2547(40160)	23.63	22.84	21.41
		2501 (39700)	23.73	22.92	21.51
	25RB-High (25)	2685 (41540)	22.20	21.23	20.27
		2639(41080)	22.45	21.46	20.49
		2593 (40620)	22.68	21.68	20.74
		2547(40160)	22.72	21.72	20.74
		2501 (39700)	22.85	21.83	20.87
	25RB-Middle (12)	2685 (41540)	22.22	21.26	20.29
		2639(41080)	22.45	21.48	20.51
		2593 (40620)	22.67	21.68	20.71
		2547(40160)	22.68	21.70	20.73
		2501 (39700)	22.83	21.82	20.87
	25RB-Low (0)	2685 (41540)	22.24	21.26	20.29
		2639(41080)	22.52	21.53	20.55
		2593 (40620)	22.68	21.68	20.71
		2547(40160)	22.70	21.72	20.74
		2501 (39700)	22.84	21.86	20.87
	50RB (0)	2685 (41540)	22.23	21.31	20.25
		2639(41080)	22.48	21.52	20.50
		2593 (40620)	22.67	21.71	20.68
		2547(40160)	22.71	21.74	20.70
		2501 (39700)	22.84	21.87	20.84

15MHz	1RB-High (74)	2682.5 (41515)	22.98	22.21	20.81
		2637.8(41068)	23.23	22.46	21.06
		2593 (40620)	23.51	22.73	21.34
		2548.3(40173)	23.53	22.74	21.32
		2503.5 (39725)	23.68	22.88	21.52
	1RB-Middle (37)	2682.5 (41515)	23.04	22.29	20.86
		2637.8(41068)	23.29	22.52	21.15
		2593 (40620)	23.51	22.75	21.36
		2548.3(40173)	23.49	22.75	21.32
		2503.5 (39725)	23.63	22.85	21.48
	1RB-Low (0)	2682.5 (41515)	23.12	22.41	20.97
		2637.8(41068)	23.42	22.64	21.26
		2593 (40620)	23.58	22.80	21.38
		2548.3(40173)	23.60	22.82	21.41
		2503.5 (39725)	23.67	22.89	21.53
	36RB-High (38)	2682.5 (41515)	22.13	21.16	20.18
		2637.8(41068)	22.40	21.41	20.42
		2593 (40620)	22.61	21.60	20.64
		2548.3(40173)	22.62	21.61	20.63
		2503.5 (39725)	22.76	21.75	20.79
	36RB-Middle (19)	2682.5 (41515)	22.14	21.16	20.18
		2637.8(41068)	22.45	21.45	20.47
		2593 (40620)	22.65	21.64	20.68
		2548.3(40173)	22.62	21.62	20.64
		2503.5 (39725)	22.77	21.77	20.78
	36RB-Low (0)	2682.5 (41515)	22.22	21.20	20.25
		2637.8(41068)	22.50	21.51	20.54
		2593 (40620)	22.64	21.62	20.66
		2548.3(40173)	22.67	21.67	20.67
		2503.5 (39725)	22.82	21.80	20.82
	75RB (0)	2682.5 (41515)	22.20	21.26	20.26
		2637.8(41068)	22.48	21.53	20.52
		2593 (40620)	22.65	21.69	20.69
		2548.3(40173)	22.65	21.71	20.70
		2503.5 (39725)	22.81	21.85	20.85

20MHz	1RB-High (99)	2680 (41490)	22.87	22.18	20.77
		2636.5(41055)	23.17	22.41	21.04
		2593 (40620)	23.46	22.71	21.28
		2549.5(40185)	23.45	22.66	21.27
		2506 (39750)	23.60	22.85	21.44
	1RB-Middle (50)	2680 (41490)	22.94	22.26	20.83
		2636.5(41055)	23.24	22.49	21.10
		2593 (40620)	23.45	22.72	21.31
		2549.5(40185)	23.44	22.64	21.26
		2506 (39750)	23.63	22.84	21.46
	1RB-Low (0)	2680 (41490)	23.10	22.38	20.98
		2636.5(41055)	23.38	22.62	21.27
		2593 (40620)	23.60	22.79	21.39
		2549.5(40185)	23.52	22.77	21.38
		2506 (39750)	23.66	22.87	21.50
	50RB-High (50)	2680 (41490)	22.12	21.19	20.20
		2636.5(41055)	22.41	21.46	20.44
		2593 (40620)	22.61	21.66	20.66
		2549.5(40185)	22.59	21.64	20.61
		2506 (39750)	22.78	21.82	20.80
	50RB-Middle (25)	2680 (41490)	22.16	21.25	20.24
		2636.5(41055)	22.43	21.51	20.47
		2593 (40620)	22.59	21.65	20.64
		2549.5(40185)	22.61	21.66	20.65
		2506 (39750)	22.76	21.81	20.81
	50RB-Low (0)	2680 (41490)	22.23	21.29	20.29
		2636.5(41055)	22.48	21.57	20.53
		2593 (40620)	22.63	21.69	20.69
		2549.5(40185)	22.65	21.68	20.68
		2506 (39750)	22.81	21.85	20.85
	100RB (0)	2680 (41490)	22.14	21.22	20.22
		2636.5(41055)	22.44	21.52	20.50
		2593 (40620)	22.61	21.68	20.69
		2549.5(40185)	22.62	21.64	20.65
		2506 (39750)	22.78	21.82	20.80

LTE Band66(ANT0 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	21.06	21.24	21.27
		1745 (132322)	21.17	21.30	21.33
		1710.7 (131979)	21.13	21.47	21.39
	1RB-Middle (3)	1779.3 (132665)	21.03	21.31	21.29
		1745 (132322)	21.14	21.44	21.35
		1710.7 (131979)	21.20	21.43	21.21
	1RB-Low (0)	1779.3 (132665)	21.06	21.30	21.27
		1745 (132322)	21.14	21.45	21.27
		1710.7 (131979)	21.11	21.28	21.32
	3RB-High (3)	1779.3 (132665)	21.10	21.09	21.14
		1745 (132322)	21.15	21.17	21.25
		1710.7 (131979)	21.18	21.08	21.27
	3RB-Middle (1)	1779.3 (132665)	21.12	21.11	21.16
		1745 (132322)	21.14	21.16	21.17
		1710.7 (131979)	21.13	21.16	21.24
	3RB-Low (0)	1779.3 (132665)	21.11	21.11	21.17
		1745 (132322)	21.17	21.12	21.26
		1710.7 (131979)	21.14	21.03	21.28
	6RB (0)	1779.3 (132665)	21.09	21.19	21.07
		1745 (132322)	21.10	21.22	21.12
		1710.7 (131979)	21.15	21.23	21.10
3MHz	1RB-High (14)	1778.5 (132657)	21.05	21.27	21.28
		1745 (132322)	21.23	21.31	21.40
		1711.5 (131987)	21.16	21.36	21.38
	1RB-Middle (7)	1778.5 (132657)	21.08	21.27	21.29
		1745 (132322)	21.09	21.49	21.35
		1711.5 (131987)	21.24	21.46	21.32
	1RB-Low (0)	1778.5 (132657)	21.02	21.28	21.27
		1745 (132322)	21.10	21.27	21.31
		1711.5 (131987)	21.16	21.38	21.30
	8RB-High (7)	1778.5 (132657)	21.15	21.18	21.19
		1745 (132322)	21.12	21.17	21.22
		1711.5 (131987)	21.20	21.24	21.20
	8RB-Middle (4)	1778.5 (132657)	21.10	21.16	21.17
		1745 (132322)	21.14	21.22	21.18
		1711.5 (131987)	21.10	21.20	21.26
	8RB-Low (0)	1778.5 (132657)	21.12	21.19	21.17
		1745 (132322)	21.18	21.24	21.17
		1711.5 (131987)	21.15	21.23	21.27
	15RB (0)	1778.5 (132657)	21.10	21.09	21.10
		1745 (132322)	21.12	21.17	21.13
		1711.5 (131987)	21.15	21.16	21.18

5MHz	1RB-High (24)	1777.5 (132647)	21.14	21.38	21.44
		1745 (132322)	21.22	21.49	21.41
		1712.5 (131997)	21.19	21.38	21.45
	1RB-Middle (12)	1777.5 (132647)	21.05	21.28	21.33
		1745 (132322)	21.30	21.47	21.38
		1712.5 (131997)	21.16	21.33	21.35
	1RB-Low (0)	1777.5 (132647)	21.04	21.38	21.34
		1745 (132322)	21.15	21.40	21.36
		1712.5 (131997)	21.06	21.49	21.44
	12RB-High (13)	1777.5 (132647)	21.11	21.15	21.20
		1745 (132322)	21.17	21.22	21.27
		1712.5 (131997)	21.18	21.22	21.24
	12RB-Middle (6)	1777.5 (132647)	21.11	21.15	21.17
		1745 (132322)	21.21	21.21	21.30
		1712.5 (131997)	21.22	21.26	21.26
	12RB-Low (0)	1777.5 (132647)	21.08	21.15	21.20
		1745 (132322)	21.20	21.24	21.26
		1712.5 (131997)	21.19	21.23	21.25
	25RB (0)	1777.5 (132647)	21.14	21.13	21.14
		1745 (132322)	21.19	21.19	21.22
		1712.5 (131997)	21.24	21.24	21.22
10MHz	1RB-High (49)	1775 (132622)	21.11	21.30	21.24
		1745 (132322)	21.29	21.29	21.44
		1715 (132022)	21.21	21.31	21.43
	1RB-Middle (24)	1775 (132622)	21.12	21.46	21.30
		1745 (132322)	21.23	21.42	21.40
		1715 (132022)	21.22	21.30	21.35
	1RB-Low (0)	1775 (132622)	21.05	21.42	21.25
		1745 (132322)	21.21	21.44	21.36
		1715 (132022)	21.20	21.46	21.39
	25RB-High (25)	1775 (132622)	21.14	21.11	21.13
		1745 (132322)	21.23	21.23	21.21
		1715 (132022)	21.21	21.20	21.24
	25RB-Middle (12)	1775 (132622)	21.11	21.13	21.13
		1745 (132322)	21.24	21.24	21.23
		1715 (132022)	21.22	21.19	21.15
	25RB-Low (0)	1775 (132622)	21.13	21.12	21.14
		1745 (132322)	21.27	21.27	21.24
		1715 (132022)	21.28	21.22	21.26
	50RB (0)	1775 (132622)	21.15	21.14	21.15
		1745 (132322)	21.25	21.26	21.21
		1715 (132022)	21.25	21.23	21.23

15MHz	1RB-High (74)	1772.5 (132597)	21.13	21.40	21.34
		1745 (132322)	21.19	21.29	21.36
		1717.5 (132047)	21.24	21.28	21.40
	1RB-Middle (37)	1772.5 (132597)	21.09	21.45	21.26
		1745 (132322)	21.23	21.34	21.41
		1717.5 (132047)	21.22	21.34	21.44
	1RB-Low (0)	1772.5 (132597)	21.04	21.40	21.21
		1745 (132322)	21.26	21.47	21.46
		1717.5 (132047)	21.19	21.31	21.42
	36RB-High (38)	1772.5 (132597)	21.10	21.13	21.14
		1745 (132322)	21.22	21.23	21.26
		1717.5 (132047)	21.19	21.19	21.23
	36RB-Middle (19)	1772.5 (132597)	21.09	21.09	21.12
		1745 (132322)	21.22	21.27	21.24
		1717.5 (132047)	21.21	21.19	21.23
	36RB-Low (0)	1772.5 (132597)	21.13	21.13	21.14
		1745 (132322)	21.22	21.22	21.27
		1717.5 (132047)	21.19	21.20	21.21
	75RB (0)	1772.5 (132597)	21.11	21.12	21.14
		1745 (132322)	21.25	21.26	21.25
		1717.5 (132047)	21.24	21.23	21.22
20MHz	1RB-High (99)	1770 (132572)	21.13	21.47	21.35
		1745 (132322)	21.10	21.49	21.34
		1720 (132072)	21.22	21.28	21.43
	1RB-Middle (50)	1770 (132572)	21.06	21.41	21.23
		1745 (132322)	21.16	21.41	21.36
		1720 (132072)	21.25	21.31	21.33
	1RB-Low (0)	1770 (132572)	21.13	21.46	21.32
		1745 (132322)	21.26	21.45	21.50
		1720 (132072)	21.19	21.34	21.27
	50RB-High (50)	1770 (132572)	21.11	21.11	21.12
		1745 (132322)	21.19	21.18	21.22
		1720 (132072)	21.25	21.29	21.28
	50RB-Middle (25)	1770 (132572)	21.09	21.10	21.10
		1745 (132322)	21.28	21.26	21.27
		1720 (132072)	21.24	21.26	21.26
	50RB-Low (0)	1770 (132572)	21.15	21.11	21.14
		1745 (132322)	21.30	21.28	21.27
		1720 (132072)	21.23	21.25	21.24
	100RB (0)	1770 (132572)	21.10	21.10	21.12
		1745 (132322)	21.25	21.21	21.25
		1720 (132072)	21.24	21.27	21.25

LTE Band66(ANT0 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	24.45	23.95	22.77
		1745 (132322)	24.72	23.95	22.88
		1710.7 (131979)	24.88	23.90	22.86
	1RB-Middle (3)	1779.3 (132665)	24.33	23.89	22.84
		1745 (132322)	24.69	23.98	22.87
		1710.7 (131979)	24.79	23.84	22.91
	1RB-Low (0)	1779.3 (132665)	24.32	23.79	22.87
		1745 (132322)	24.73	23.95	22.84
		1710.7 (131979)	24.68	23.90	22.88
	3RB-High (3)	1779.3 (132665)	24.23	23.70	22.76
		1745 (132322)	24.69	23.82	22.83
		1710.7 (131979)	24.80	23.72	22.93
	3RB-Middle (1)	1779.3 (132665)	24.19	23.65	22.77
		1745 (132322)	24.71	23.66	22.69
		1710.7 (131979)	24.79	23.66	22.71
	3RB-Low (0)	1779.3 (132665)	24.20	23.68	22.71
		1745 (132322)	24.77	23.85	22.74
		1710.7 (131979)	24.80	23.72	22.83
	6RB (0)	1779.3 (132665)	23.73	22.76	21.64
		1745 (132322)	23.76	22.79	21.64
		1710.7 (131979)	23.81	22.78	21.75
3MHz	1RB-High (14)	1778.5 (132657)	24.55	23.80	22.72
		1745 (132322)	24.78	23.98	22.93
		1711.5 (131987)	24.66	23.87	22.78
	1RB-Middle (7)	1778.5 (132657)	24.35	23.80	22.86
		1745 (132322)	24.75	23.94	22.95
		1711.5 (131987)	24.72	23.88	22.86
	1RB-Low (0)	1778.5 (132657)	24.53	23.86	22.83
		1745 (132322)	24.76	23.87	22.92
		1711.5 (131987)	24.67	23.87	22.81
	8RB-High (7)	1778.5 (132657)	23.73	22.74	21.76
		1745 (132322)	23.73	22.78	21.78
		1711.5 (131987)	23.72	22.78	21.76
	8RB-Middle (4)	1778.5 (132657)	23.69	22.76	21.73
		1745 (132322)	23.71	22.77	21.71
		1711.5 (131987)	23.71	22.75	21.76
	8RB-Low (0)	1778.5 (132657)	23.67	22.72	21.71
		1745 (132322)	23.77	22.77	21.82
		1711.5 (131987)	23.75	22.75	21.77
	15RB (0)	1778.5 (132657)	23.65	22.74	21.66
		1745 (132322)	23.70	22.71	21.71
		1711.5 (131987)	23.69	22.70	21.74

5MHz	1RB-High (24)	1777.5 (132647)	24.47	23.88	22.93
		1745 (132322)	24.89	23.96	22.95
		1712.5 (131997)	24.82	23.96	22.91
	1RB-Middle (12)	1777.5 (132647)	24.46	23.96	22.73
		1745 (132322)	24.75	23.90	22.96
		1712.5 (131997)	24.71	23.96	22.93
	1RB-Low (0)	1777.5 (132647)	24.70	23.83	22.80
		1745 (132322)	24.82	23.86	22.88
		1712.5 (131997)	24.66	23.97	22.88
	12RB-High (13)	1777.5 (132647)	23.70	22.73	21.73
		1745 (132322)	23.79	22.75	21.77
		1712.5 (131997)	23.77	22.77	21.80
	12RB-Middle (6)	1777.5 (132647)	23.67	22.72	21.70
		1745 (132322)	23.81	22.80	21.77
		1712.5 (131997)	23.82	22.78	21.81
	12RB-Low (0)	1777.5 (132647)	23.68	22.75	21.72
		1745 (132322)	23.81	22.77	21.87
		1712.5 (131997)	23.75	22.74	21.82
	25RB (0)	1777.5 (132647)	23.74	22.71	21.68
		1745 (132322)	23.79	22.78	21.76
		1712.5 (131997)	23.80	22.82	21.78
10MHz	1RB-High (49)	1775 (132622)	24.24	23.94	22.89
		1745 (132322)	24.80	23.88	22.98
		1715 (132022)	24.78	23.97	22.99
	1RB-Middle (24)	1775 (132622)	24.59	23.94	22.82
		1745 (132322)	24.83	23.96	22.95
		1715 (132022)	24.79	23.93	22.99
	1RB-Low (0)	1775 (132622)	24.67	23.91	22.76
		1745 (132322)	24.91	23.87	22.88
		1715 (132022)	24.73	23.89	22.92
	25RB-High (25)	1775 (132622)	23.74	22.72	21.71
		1745 (132322)	23.81	22.81	21.77
		1715 (132022)	23.82	22.76	21.78
	25RB-Middle (12)	1775 (132622)	23.74	22.72	21.68
		1745 (132322)	23.83	22.78	21.80
		1715 (132022)	23.81	22.75	21.76
	25RB-Low (0)	1775 (132622)	23.75	22.70	21.71
		1745 (132322)	23.84	22.81	21.81
		1715 (132022)	23.82	22.81	21.79
	50RB (0)	1775 (132622)	23.72	22.73	21.71
		1745 (132322)	23.81	22.82	21.77
		1715 (132022)	23.78	22.79	21.78

15MHz	1RB-High (74)	1772.5 (132597)	24.37	23.89	22.89
		1745 (132322)	24.84	23.86	22.92
		1717.5 (132047)	24.83	23.87	22.91
	1RB-Middle (37)	1772.5 (132597)	24.74	23.90	22.82
		1745 (132322)	24.86	23.94	22.95
		1717.5 (132047)	24.81	23.83	22.92
	1RB-Low (0)	1772.5 (132597)	24.70	23.72	22.84
		1745 (132322)	24.96	23.94	22.87
		1717.5 (132047)	24.87	23.83	22.95
	36RB-High (38)	1772.5 (132597)	23.71	22.54	21.74
		1745 (132322)	23.81	22.68	21.82
		1717.5 (132047)	23.76	22.61	21.78
	36RB-Middle (19)	1772.5 (132597)	23.70	22.55	21.70
		1745 (132322)	23.81	22.64	21.83
		1717.5 (132047)	23.78	22.64	21.81
	36RB-Low (0)	1772.5 (132597)	23.73	22.58	21.75
		1745 (132322)	23.82	22.67	21.86
		1717.5 (132047)	23.80	22.62	21.82
	75RB (0)	1772.5 (132597)	23.70	22.56	21.70
		1745 (132322)	23.84	22.72	21.81
		1717.5 (132047)	23.83	22.67	21.80
20MHz	1RB-High (99)	1770 (132572)	24.18	23.88	22.94
		1745 (132322)	24.84	23.82	22.89
		1720 (132072)	24.88	23.97	22.89
	1RB-Middle (50)	1770 (132572)	24.58	23.79	22.89
		1745 (132322)	24.83	23.97	22.92
		1720 (132072)	24.75	23.88	22.93
	1RB-Low (0)	1770 (132572)	24.79	23.85	22.93
		1745 (132322)	24.83	23.97	23.00
		1720 (132072)	24.73	23.86	22.95
	50RB-High (50)	1770 (132572)	23.72	22.74	21.71
		1745 (132322)	23.83	22.81	21.80
		1720 (132072)	23.85	22.87	21.83
	50RB-Middle (25)	1770 (132572)	23.68	22.71	21.70
		1745 (132322)	23.84	22.85	21.82
		1720 (132072)	23.85	22.85	21.83
	50RB-Low (0)	1770 (132572)	23.73	22.76	21.74
		1745 (132322)	23.90	22.88	21.85
		1720 (132072)	23.81	22.85	21.80
	100RB (0)	1770 (132572)	23.73	22.74	21.71
		1745 (132322)	23.84	22.83	21.83
		1720 (132072)	23.86	22.82	21.83

LTE Band66(ANT1 ECI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	20.48	20.76	20.77
		1745 (132322)	20.52	20.77	20.74
		1710.7 (131979)	20.52	20.74	20.75
	1RB-Middle (3)	1779.3 (132665)	20.48	20.79	20.67
		1745 (132322)	20.45	20.72	20.73
		1710.7 (131979)	20.48	20.84	20.86
	1RB-Low (0)	1779.3 (132665)	20.50	20.92	20.63
		1745 (132322)	20.42	20.69	20.70
		1710.7 (131979)	20.57	20.88	20.75
	3RB-High (3)	1779.3 (132665)	20.53	20.52	20.64
		1745 (132322)	20.50	20.46	20.55
		1710.7 (131979)	20.58	20.60	20.70
	3RB-Middle (1)	1779.3 (132665)	20.54	20.43	20.56
		1745 (132322)	20.45	20.36	20.52
		1710.7 (131979)	20.59	20.54	20.71
	3RB-Low (0)	1779.3 (132665)	20.54	20.55	20.60
		1745 (132322)	20.47	20.37	20.57
		1710.7 (131979)	20.56	20.55	20.66
	6RB (0)	1779.3 (132665)	20.52	20.57	20.53
		1745 (132322)	20.46	20.60	20.47
		1710.7 (131979)	20.54	20.66	20.57
3MHz	1RB-High (14)	1778.5 (132657)	20.52	20.88	20.63
		1745 (132322)	20.54	20.90	20.65
		1711.5 (131987)	20.54	20.74	20.81
	1RB-Middle (7)	1778.5 (132657)	20.46	20.78	20.85
		1745 (132322)	20.41	20.78	20.79
		1711.5 (131987)	20.64	20.76	20.66
	1RB-Low (0)	1778.5 (132657)	20.47	20.73	20.63
		1745 (132322)	20.50	20.91	20.66
		1711.5 (131987)	20.57	20.75	20.78
	8RB-High (7)	1778.5 (132657)	20.53	20.60	20.67
		1745 (132322)	20.46	20.57	20.56
		1711.5 (131987)	20.56	20.62	20.65
	8RB-Middle (4)	1778.5 (132657)	20.52	20.60	20.63
		1745 (132322)	20.47	20.54	20.53
		1711.5 (131987)	20.54	20.58	20.57
	8RB-Low (0)	1778.5 (132657)	20.50	20.60	20.62
		1745 (132322)	20.52	20.62	20.58
		1711.5 (131987)	20.64	20.68	20.66
	15RB (0)	1778.5 (132657)	20.59	20.57	20.53
		1745 (132322)	20.48	20.48	20.49
		1711.5 (131987)	20.55	20.55	20.55

5MHz	1RB-High (24)	1777.5 (132647)	20.55	20.94	20.80
		1745 (132322)	20.55	20.80	20.78
		1712.5 (131997)	20.59	20.92	20.74
	1RB-Middle (12)	1777.5 (132647)	20.52	20.87	20.81
		1745 (132322)	20.50	20.90	20.75
		1712.5 (131997)	20.58	20.89	20.79
	1RB-Low (0)	1777.5 (132647)	20.51	20.94	20.77
		1745 (132322)	20.51	20.83	20.73
		1712.5 (131997)	20.60	20.93	20.69
	12RB-High (13)	1777.5 (132647)	20.59	20.57	20.60
		1745 (132322)	20.53	20.55	20.56
		1712.5 (131997)	20.60	20.63	20.62
	12RB-Middle (6)	1777.5 (132647)	20.57	20.59	20.58
		1745 (132322)	20.52	20.58	20.60
		1712.5 (131997)	20.60	20.65	20.66
	12RB-Low (0)	1777.5 (132647)	20.53	20.54	20.58
		1745 (132322)	20.57	20.60	20.61
		1712.5 (131997)	20.64	20.70	20.69
	25RB (0)	1777.5 (132647)	20.58	20.55	20.60
		1745 (132322)	20.59	20.55	20.56
		1712.5 (131997)	20.68	20.64	20.66
10MHz	1RB-High (49)	1775 (132622)	20.55	20.84	20.79
		1745 (132322)	20.59	20.85	20.77
		1715 (132022)	20.67	20.82	20.72
	1RB-Middle (24)	1775 (132622)	20.58	20.77	20.72
		1745 (132322)	20.56	20.79	20.73
		1715 (132022)	20.64	20.92	20.76
	1RB-Low (0)	1775 (132622)	20.48	20.64	20.62
		1745 (132322)	20.59	20.92	20.79
		1715 (132022)	20.64	20.87	20.73
	25RB-High (25)	1775 (132622)	20.60	20.58	20.58
		1745 (132322)	20.59	20.62	20.57
		1715 (132022)	20.66	20.63	20.66
	25RB-Middle (12)	1775 (132622)	20.56	20.58	20.58
		1745 (132322)	20.62	20.59	20.60
		1715 (132022)	20.63	20.62	20.62
	25RB-Low (0)	1775 (132622)	20.58	20.61	20.54
		1745 (132322)	20.63	20.60	20.63
		1715 (132022)	20.68	20.68	20.67
	50RB (0)	1775 (132622)	20.61	20.58	20.57
		1745 (132322)	20.59	20.60	20.59
		1715 (132022)	20.68	20.65	20.65

15MHz	1RB-High (74)	1772.5 (132597)	20.62	20.92	20.87
		1745 (132322)	20.55	20.98	20.68
		1717.5 (132047)	20.65	20.94	20.78
	1RB-Middle (37)	1772.5 (132597)	20.51	20.91	20.74
		1745 (132322)	20.59	20.98	20.72
		1717.5 (132047)	20.61	20.85	20.73
	1RB-Low (0)	1772.5 (132597)	20.49	20.79	20.63
		1745 (132322)	20.65	20.96	20.86
		1717.5 (132047)	20.62	20.87	20.76
	36RB-High (38)	1772.5 (132597)	20.56	20.59	20.63
		1745 (132322)	20.59	20.61	20.63
		1717.5 (132047)	20.58	20.62	20.62
	36RB-Middle (19)	1772.5 (132597)	20.52	20.53	20.54
		1745 (132322)	20.59	20.58	20.61
		1717.5 (132047)	20.63	20.65	20.63
	36RB-Low (0)	1772.5 (132597)	20.52	20.53	20.57
		1745 (132322)	20.63	20.62	20.61
		1717.5 (132047)	20.63	20.66	20.65
	75RB (0)	1772.5 (132597)	20.55	20.57	20.60
		1745 (132322)	20.60	20.62	20.59
		1717.5 (132047)	20.66	20.67	20.65
20MHz	1RB-High (99)	1770 (132572)	20.60	20.95	20.77
		1745 (132322)	20.50	20.81	20.74
		1720 (132072)	20.63	20.89	20.86
	1RB-Middle (50)	1770 (132572)	20.69	20.82	20.70
		1745 (132322)	20.64	20.94	20.73
		1720 (132072)	20.68	20.94	20.80
	1RB-Low (0)	1770 (132572)	20.59	20.84	20.64
		1745 (132322)	20.67	20.99	20.77
		1720 (132072)	20.66	20.98	20.81
	50RB-High (50)	1770 (132572)	20.60	20.58	20.57
		1745 (132322)	20.63	20.63	20.61
		1720 (132072)	20.70	20.68	20.70
	50RB-Middle (25)	1770 (132572)	20.54	20.56	20.53
		1745 (132322)	20.65	20.64	20.63
		1720 (132072)	20.69	20.68	20.68
	50RB-Low (0)	1770 (132572)	20.59	20.57	20.57
		1745 (132322)	20.71	20.72	20.77
		1720 (132072)	20.67	20.69	20.69
	100RB (0)	1770 (132572)	20.60	20.55	20.58
		1745 (132322)	20.63	20.64	20.63
		1720 (132072)	20.71	20.64	20.70

LTE Band66(ANT1 ECI5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	16.61	16.69	16.73
		1745 (132322)	16.57	16.80	16.71
		1710.7 (131979)	16.65	16.82	16.95
	1RB-Middle (3)	1779.3 (132665)	16.56	16.84	16.82
		1745 (132322)	16.50	16.90	16.72
		1710.7 (131979)	16.66	16.99	16.86
	1RB-Low (0)	1779.3 (132665)	16.54	16.92	16.63
		1745 (132322)	16.42	16.82	16.66
		1710.7 (131979)	16.65	16.93	16.85
	3RB-High (3)	1779.3 (132665)	16.58	16.52	16.60
		1745 (132322)	16.47	16.49	16.63
		1710.7 (131979)	16.64	16.59	16.71
	3RB-Middle (1)	1779.3 (132665)	16.54	16.53	16.68
		1745 (132322)	16.44	16.35	16.45
		1710.7 (131979)	16.63	16.58	16.73
	3RB-Low (0)	1779.3 (132665)	16.56	16.51	16.70
		1745 (132322)	16.46	16.41	16.60
		1710.7 (131979)	16.66	16.62	16.71
	6RB (0)	1779.3 (132665)	16.57	16.65	16.57
		1745 (132322)	16.40	16.52	16.45
		1710.7 (131979)	16.62	16.71	16.62
3MHz	1RB-High (14)	1778.5 (132657)	16.55	16.91	16.76
		1745 (132322)	16.45	16.67	16.69
		1711.5 (131987)	16.53	16.95	16.77
	1RB-Middle (7)	1778.5 (132657)	16.49	16.88	16.70
		1745 (132322)	16.45	16.88	16.66
		1711.5 (131987)	16.51	16.87	16.74
	1RB-Low (0)	1778.5 (132657)	16.48	16.92	16.77
		1745 (132322)	16.49	16.69	16.61
		1711.5 (131987)	16.60	16.94	16.88
	8RB-High (7)	1778.5 (132657)	16.57	16.62	16.62
		1745 (132322)	16.45	16.47	16.53
		1711.5 (131987)	16.65	16.69	16.61
	8RB-Middle (4)	1778.5 (132657)	16.55	16.53	16.64
		1745 (132322)	16.44	16.53	16.53
		1711.5 (131987)	16.62	16.63	16.65
	8RB-Low (0)	1778.5 (132657)	16.55	16.59	16.65
		1745 (132322)	16.48	16.58	16.52
		1711.5 (131987)	16.68	16.73	16.68
15RB (0)	1778.5 (132657)	16.55	16.55	16.55	
	1745 (132322)	16.43	16.46	16.46	
	1711.5 (131987)	16.63	16.59	16.54	

5MHz	1RB-High (24)	1777.5 (132647)	16.55	17.00	16.70
		1745 (132322)	16.53	16.76	16.79
		1712.5 (131997)	16.57	16.94	16.80
	1RB-Middle (12)	1777.5 (132647)	16.52	16.88	16.84
		1745 (132322)	16.53	16.85	16.89
		1712.5 (131997)	16.67	16.94	16.83
	1RB-Low (0)	1777.5 (132647)	16.42	16.91	16.76
		1745 (132322)	16.55	16.93	16.74
		1712.5 (131997)	16.75	16.93	16.85
	12RB-High (13)	1777.5 (132647)	16.60	16.57	16.61
		1745 (132322)	16.50	16.51	16.52
		1712.5 (131997)	16.62	16.65	16.66
	12RB-Middle (6)	1777.5 (132647)	16.58	16.66	16.59
		1745 (132322)	16.50	16.54	16.50
		1712.5 (131997)	16.66	16.70	16.68
	12RB-Low (0)	1777.5 (132647)	16.56	16.56	16.57
		1745 (132322)	16.56	16.55	16.59
		1712.5 (131997)	16.68	16.72	16.70
	25RB (0)	1777.5 (132647)	16.58	16.58	16.61
		1745 (132322)	16.57	16.51	16.48
		1712.5 (131997)	16.68	16.69	16.67
10MHz	1RB-High (49)	1775 (132622)	16.67	16.88	16.73
		1745 (132322)	16.52	16.98	16.67
		1715 (132022)	16.62	16.89	16.96
	1RB-Middle (24)	1775 (132622)	16.62	16.95	16.75
		1745 (132322)	16.55	16.98	16.67
		1715 (132022)	16.63	16.91	16.84
	1RB-Low (0)	1775 (132622)	16.60	16.66	16.77
		1745 (132322)	16.62	16.97	16.73
		1715 (132022)	16.80	16.94	16.93
	25RB-High (25)	1775 (132622)	16.65	16.61	16.63
		1745 (132322)	16.53	16.54	16.54
		1715 (132022)	16.68	16.64	16.65
	25RB-Middle (12)	1775 (132622)	16.57	16.58	16.57
		1745 (132322)	16.61	16.59	16.60
		1715 (132022)	16.68	16.64	16.64
	25RB-Low (0)	1775 (132622)	16.63	16.60	16.59
		1745 (132322)	16.62	16.61	16.57
		1715 (132022)	16.71	16.73	16.70
	50RB (0)	1775 (132622)	16.61	16.64	16.63
		1745 (132322)	16.60	16.56	16.57
		1715 (132022)	16.70	16.69	16.68

15MHz	1RB-High (74)	1772.5 (132597)	16.74	16.89	16.80
		1745 (132322)	16.61	16.92	16.69
		1717.5 (132047)	16.71	16.97	16.92
	1RB-Middle (37)	1772.5 (132597)	16.67	16.99	16.77
		1745 (132322)	16.62	16.91	16.65
		1717.5 (132047)	16.65	16.83	16.89
	1RB-Low (0)	1772.5 (132597)	16.56	16.80	16.66
		1745 (132322)	16.66	16.85	16.88
		1717.5 (132047)	16.79	16.88	17.00
	36RB-High (38)	1772.5 (132597)	16.64	16.63	16.64
		1745 (132322)	16.59	16.55	16.58
		1717.5 (132047)	16.71	16.70	16.73
	36RB-Middle (19)	1772.5 (132597)	16.63	16.57	16.60
		1745 (132322)	16.59	16.61	16.58
		1717.5 (132047)	16.68	16.69	16.70
	36RB-Low (0)	1772.5 (132597)	16.60	16.59	16.59
		1745 (132322)	16.62	16.63	16.64
		1717.5 (132047)	16.73	16.72	16.73
	75RB (0)	1772.5 (132597)	16.65	16.68	16.61
		1745 (132322)	16.62	16.63	16.58
		1717.5 (132047)	16.76	16.74	16.70
20MHz	1RB-High (99)	1770 (132572)	16.84	16.93	16.92
		1745 (132322)	16.78	16.94	16.94
		1720 (132072)	16.76	16.90	16.89
	1RB-Middle (50)	1770 (132572)	16.79	16.89	16.92
		1745 (132322)	16.73	16.73	16.81
		1720 (132072)	16.82	16.91	16.91
	1RB-Low (0)	1770 (132572)	16.76	16.79	16.84
		1745 (132322)	16.83	16.83	17.00
		1720 (132072)	16.98	16.99	16.98
	50RB-High (50)	1770 (132572)	16.80	16.76	16.76
		1745 (132322)	16.79	16.71	16.70
		1720 (132072)	16.91	16.85	16.84
	50RB-Middle (25)	1770 (132572)	16.78	16.73	16.68
		1745 (132322)	16.81	16.72	16.73
		1720 (132072)	16.88	16.85	16.79
	50RB-Low (0)	1770 (132572)	16.80	16.78	16.72
		1745 (132322)	16.91	16.79	16.76
		1720 (132072)	16.88	16.85	16.83
	100RB (0)	1770 (132572)	16.80	16.71	16.69
		1745 (132322)	16.82	16.73	16.71
		1720 (132072)	16.91	16.86	16.81

LTE Band66(ANT4 ECI3/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	23.73	23.09	22.08
		1745 (132322)	23.95	23.13	22.14
		1710.7 (131979)	23.91	23.25	22.04
	1RB-Middle (3)	1779.3 (132665)	23.67	23.10	22.18
		1745 (132322)	23.89	23.17	22.11
		1710.7 (131979)	23.97	23.14	22.05
	1RB-Low (0)	1779.3 (132665)	23.65	23.25	22.13
		1745 (132322)	24.00	23.24	22.09
		1710.7 (131979)	23.90	23.30	22.05
	3RB-High (3)	1779.3 (132665)	23.61	22.95	22.14
		1745 (132322)	24.01	23.05	22.00
		1710.7 (131979)	23.89	23.01	22.00
	3RB-Middle (1)	1779.3 (132665)	23.57	23.06	22.04
		1745 (132322)	24.05	22.95	21.99
		1710.7 (131979)	23.88	22.92	21.95
	3RB-Low (0)	1779.3 (132665)	23.55	22.99	22.08
		1745 (132322)	23.97	22.92	22.01
		1710.7 (131979)	24.03	22.95	22.09
	6RB (0)	1779.3 (132665)	22.97	22.08	20.92
		1745 (132322)	22.91	22.01	20.90
		1710.7 (131979)	22.95	22.02	20.97
3MHz	1RB-High (14)	1778.5 (132657)	23.87	23.19	22.07
		1745 (132322)	24.00	23.28	22.15
		1711.5 (131987)	23.92	23.13	22.12
	1RB-Middle (7)	1778.5 (132657)	23.73	23.10	22.06
		1745 (132322)	23.95	23.20	22.10
		1711.5 (131987)	23.93	23.08	22.15
	1RB-Low (0)	1778.5 (132657)	23.84	23.22	22.08
		1745 (132322)	23.92	23.25	22.01
		1711.5 (131987)	23.96	23.16	22.10
	8RB-High (7)	1778.5 (132657)	22.96	22.09	21.12
		1745 (132322)	22.98	21.98	20.98
		1711.5 (131987)	22.98	21.94	20.98
	8RB-Middle (4)	1778.5 (132657)	22.98	22.06	20.97
		1745 (132322)	22.93	22.02	20.98
		1711.5 (131987)	22.95	21.96	20.99
	8RB-Low (0)	1778.5 (132657)	22.96	22.07	21.00
		1745 (132322)	23.00	21.97	21.07
		1711.5 (131987)	22.99	22.01	21.02
	15RB (0)	1778.5 (132657)	22.96	22.00	20.94
		1745 (132322)	22.94	21.96	20.91
		1711.5 (131987)	22.94	21.98	20.94

5MHz	1RB-High (24)	1777.5 (132647)	23.96	23.30	22.18
		1745 (132322)	24.05	23.27	22.26
		1712.5 (131997)	23.93	23.19	22.20
	1RB-Middle (12)	1777.5 (132647)	23.85	23.16	22.17
		1745 (132322)	24.06	23.19	22.13
		1712.5 (131997)	23.95	23.17	22.17
	1RB-Low (0)	1777.5 (132647)	23.91	23.13	22.13
		1745 (132322)	23.99	23.22	22.25
		1712.5 (131997)	23.98	23.30	22.23
	12RB-High (13)	1777.5 (132647)	22.98	22.04	21.02
		1745 (132322)	23.02	21.96	21.02
		1712.5 (131997)	22.96	21.99	21.04
	12RB-Middle (6)	1777.5 (132647)	22.97	22.02	20.97
		1745 (132322)	22.99	21.99	21.04
		1712.5 (131997)	23.03	22.04	21.02
	12RB-Low (0)	1777.5 (132647)	22.97	21.98	20.97
		1745 (132322)	23.02	22.02	21.07
		1712.5 (131997)	23.03	22.02	21.07
	25RB (0)	1777.5 (132647)	23.01	22.04	20.97
		1745 (132322)	23.01	22.03	20.98
		1712.5 (131997)	23.04	22.03	20.99
10MHz	1RB-High (49)	1775 (132622)	23.33	23.13	22.18
		1745 (132322)	24.11	23.23	22.24
		1715 (132022)	23.98	23.16	22.16
	1RB-Middle (24)	1775 (132622)	23.47	23.12	22.16
		1745 (132322)	23.97	23.21	22.17
		1715 (132022)	24.09	23.19	22.19
	1RB-Low (0)	1775 (132622)	23.72	23.12	22.02
		1745 (132322)	24.06	23.23	22.23
		1715 (132022)	24.05	23.12	22.14
	25RB-High (25)	1775 (132622)	23.03	22.01	21.04
		1745 (132322)	23.08	22.03	21.03
		1715 (132022)	23.01	22.06	21.02
	25RB-Middle (12)	1775 (132622)	22.97	21.98	20.95
		1745 (132322)	23.09	22.08	21.05
		1715 (132022)	23.05	21.99	20.98
	25RB-Low (0)	1775 (132622)	23.00	21.99	20.96
		1745 (132322)	23.10	22.10	21.05
		1715 (132022)	23.07	22.05	21.03
	50RB (0)	1775 (132622)	23.04	22.02	21.01
		1745 (132322)	23.07	22.06	21.03
		1715 (132022)	23.06	22.03	21.00

15MHz	1RB-High (74)	1772.5 (132597)	23.52	23.23	22.20
		1745 (132322)	24.06	23.27	22.08
		1717.5 (132047)	24.03	23.11	22.24
	1RB-Middle (37)	1772.5 (132597)	23.93	23.11	22.09
		1745 (132322)	24.15	23.28	22.23
		1717.5 (132047)	24.06	23.29	22.11
	1RB-Low (0)	1772.5 (132597)	23.94	23.22	22.07
		1745 (132322)	24.08	23.26	22.11
		1717.5 (132047)	24.08	23.15	22.09
	36RB-High (38)	1772.5 (132597)	22.96	21.97	21.01
		1745 (132322)	23.01	22.04	21.03
		1717.5 (132047)	22.99	22.00	21.01
	36RB-Middle (19)	1772.5 (132597)	22.92	21.93	20.96
		1745 (132322)	23.03	22.03	21.06
		1717.5 (132047)	22.99	22.00	21.03
	36RB-Low (0)	1772.5 (132597)	22.94	21.94	20.95
		1745 (132322)	23.05	22.04	21.07
		1717.5 (132047)	22.99	21.98	21.00
	75RB (0)	1772.5 (132597)	22.97	21.99	20.94
		1745 (132322)	23.04	22.05	21.04
		1717.5 (132047)	23.04	22.05	21.01
20MHz	1RB-High (99)	1770 (132572)	23.56	23.30	22.11
		1745 (132322)	23.93	23.13	22.09
		1720 (132072)	24.05	23.22	22.14
	1RB-Middle (50)	1770 (132572)	23.83	23.15	21.98
		1745 (132322)	24.00	23.18	22.13
		1720 (132072)	24.00	23.24	22.18
	1RB-Low (0)	1770 (132572)	23.97	23.22	22.04
		1745 (132322)	24.07	23.17	22.24
		1720 (132072)	24.02	23.25	22.15
	50RB-High (50)	1770 (132572)	22.96	21.97	20.95
		1745 (132322)	23.03	22.05	21.01
		1720 (132072)	23.08	22.09	21.06
	50RB-Middle (25)	1770 (132572)	22.91	21.95	20.95
		1745 (132322)	23.04	22.06	21.08
		1720 (132072)	23.06	22.06	21.03
	50RB-Low (0)	1770 (132572)	22.96	21.99	20.95
		1745 (132322)	23.09	22.13	21.12
		1720 (132072)	23.02	22.03	21.02
	100RB (0)	1770 (132572)	22.99	21.95	20.94
		1745 (132322)	23.06	22.04	21.05
		1720 (132072)	23.09	22.04	21.04

LTE Carrier Aggregation Conducted Power (Uplink)

41C ANT0 ECI3_5

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	25.00	23.92
CA 41C	20M	39750	1	99	20M	39948	1	0	25.00	23.94
CA 41C	20M	39750	1	99	15M	39921	1	0	25.00	23.93
CA 41C	20M	39750	1	99	10M	39894	1	0	25.00	23.88
CA 41C	15M	39725	1	74	10M	39845	1	0	25.00	23.88
CA 41C	20M	41490	1	0	20M	41292	1	99	25.00	23.89
CA 41C	20M	41490	1	0	15M	41319	1	74	25.00	23.93
CA 41C	20M	41490	1	0	10M	41346	1	49	25.00	23.89
CA 41C	20M	39750	1	0	5M	39867	1	24	25.00	23.92
CA 41C	20M	41490	1	0	5M	41373	1	24	25.00	23.90
CA 41C	15M	41515	1	0	15M	41365	1	74	25.00	23.90
CA 41C	15M	41515	1	0	10M	41395	1	49	25.00	23.89

41C ANT1 ECI3

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	22.00	21.34
CA 41C	20M	39750	1	99	20M	39948	1	0	22.00	21.35
CA 41C	20M	39750	1	99	15M	39921	1	0	22.00	21.34
CA 41C	20M	39750	1	99	10M	39894	1	0	22.00	21.30
CA 41C	15M	39725	1	74	10M	39845	1	0	22.00	21.30
CA 41C	20M	41490	1	0	20M	41292	1	99	22.00	21.30
CA 41C	20M	41490	1	0	15M	41319	1	74	22.00	21.34
CA 41C	20M	41490	1	0	10M	41346	1	49	22.00	21.30
CA 41C	20M	39750	1	0	5M	39867	1	24	22.00	21.34
CA 41C	20M	41490	1	0	5M	41373	1	24	22.00	21.31
CA 41C	15M	41515	1	0	15M	41365	1	74	22.00	21.31
CA 41C	15M	41515	1	0	10M	41395	1	49	22.00	21.30

41C ANT1 ECI5

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	18.50	17.80
CA 41C	20M	39750	1	99	20M	39948	1	0	18.50	17.81
CA 41C	20M	39750	1	99	15M	39921	1	0	18.50	17.80
CA 41C	20M	39750	1	99	10M	39894	1	0	18.50	17.77
CA 41C	15M	39725	1	74	10M	39845	1	0	18.50	17.77
CA 41C	20M	41490	1	0	20M	41292	1	99	18.50	17.77
CA 41C	20M	41490	1	0	15M	41319	1	74	18.50	17.80
CA 41C	20M	41490	1	0	10M	41346	1	49	18.50	17.77
CA 41C	20M	39750	1	0	5M	39867	1	24	18.50	17.80
CA 41C	20M	41490	1	0	5M	41373	1	24	18.50	17.78
CA 41C	15M	41515	1	0	15M	41365	1	74	18.50	17.78
CA 41C	15M	41515	1	0	10M	41395	1	49	18.50	17.77

41C ANT4 ECI3_5

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	24.00	22.29
CA 41C	20M	39750	1	99	20M	39948	1	0	24.00	22.30
CA 41C	20M	39750	1	99	15M	39921	1	0	24.00	22.29
CA 41C	20M	39750	1	99	10M	39894	1	0	24.00	22.25
CA 41C	15M	39725	1	74	10M	39845	1	0	24.00	22.25
CA 41C	20M	41490	1	0	20M	41292	1	99	24.00	22.25
CA 41C	20M	41490	1	0	15M	41319	1	74	24.00	22.29
CA 41C	20M	41490	1	0	10M	41346	1	49	24.00	22.25
CA 41C	20M	39750	1	0	5M	39867	1	24	24.00	22.29
CA 41C	20M	41490	1	0	5M	41373	1	24	24.00	22.26
CA 41C	15M	41515	1	0	15M	41365	1	74	24.00	22.26
CA 41C	15M	41515	1	0	10M	41395	1	49	24.00	22.25

66B ANT0 ECI3

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66B	15M	132047	66511	1	74	5M	66604	1	0	21.50	21.25
CA 66B	10M	132622	67086	1	0	5M	67014	1	24	21.50	21.16
CA 66B	15M	132597	67061	1	0	5M	66968	1	24	21.50	21.16
CA 66B	10M	132622	67086	1	0	10M	66987	1	49	21.50	21.06

66B ANT0 ECI5

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66B	15M	132047	66511	1	74	5M	66604	1	0	24.00	24.68
CA 66B	10M	132622	67086	1	0	5M	67014	1	24	24.00	24.57
CA 66B	15M	132597	67061	1	0	5M	66968	1	24	24.00	24.58
CA 66B	10M	132622	67086	1	0	10M	66987	1	49	24.00	24.62

66B ANT1 ECI3

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66B	15M	132047	66511	1	74	5M	66604	1	0	21.00	20.61
CA 66B	10M	132622	67086	1	0	5M	67014	1	24	21.00	20.52
CA 66B	15M	132597	67061	1	0	5M	66968	1	24	21.00	20.53
CA 66B	10M	132622	67086	1	0	10M	66987	1	49	21.00	20.39

66B ANT1 ECI5

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66B	15M	132047	66511	1	74	5M	66604	1	0	17.00	16.59
CA 66B	10M	132622	67086	1	0	5M	67014	1	24	17.00	16.52
CA 66B	15M	132597	67061	1	0	5M	66968	1	24	17.00	16.52
CA 66B	10M	132622	67086	1	0	10M	66987	1	49	17.00	16.42

66B ANT4 ECI3_5

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66B	15M	132047	66511	1	74	5M	66604	1	0	24.30	23.91
CA 66B	10M	132622	67086	1	0	5M	67014	1	24	24.30	23.81
CA 66B	15M	132597	67061	1	0	5M	66968	1	24	24.30	23.81
CA 66B	10M	132622	67086	1	0	10M	66987	1	49	24.30	23.80

66C ANT0 ECI3

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66C	15M	132047	66511	1	74	10M	66631	1	0	21.50	21.10
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	21.50	21.17
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	21.50	21.14
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	21.50	21.21

66C ANT0 ECI5

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66C	15M	132047	66511	1	74	10M	66631	1	0	25.00	24.70
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	25.00	24.78
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	25.00	24.74
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	25.00	24.82

66C ANT1 ECI3

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66C	15M	132047	66511	1	74	10M	66631	1	0	21.00	20.54
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	21.00	20.61
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	21.00	20.57
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	21.00	20.64

66C ANT1 ECI5

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66C	15M	132047	66511	1	74	10M	66631	1	0	17.00	16.56
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	17.00	16.61
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	17.00	16.59
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	17.00	16.64

66C ANT4 ECI3_5

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66C	15M	132047	66511	1	74	10M	66631	1	0	24.30	23.89
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	24.30	23.96
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	24.30	23.93
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	24.30	24.01

12.4 NR 5G Measurement result

Maximum Target Power for Production Unit

Band		Antenna	DSI3	DSI5	DSI8	DSI10
NR	2	0	23.2	24.7	21.2	24.7
	2	1	21.7	19.2	20.2	18.7
	5	0	25.5	25.5	24.5	25.5
	5	1	25.5	22	25.5	21.5
	7	0	23.7	25.2	21.7	25.2
	7	1	20.2	16.7	18.2	16.7
	7	4	24.2	24.2	22.7	24.2
	12	0	25.5	25.5	25.5	25.5
	12	1	25.5	23.5	24.5	23
	26	0	25.5	25.5	24.5	25.5
	26	1	25.5	22	25.5	21.5
	38	0	23	25.5	21	25.5
	38	1	20.5	17	19	16.5
	38	4	23.7	24.2	21.7	23.7
	41	0	22.5	25.5	20.5	25.5
	41	1	20	17	18	16.5
	41	4	23.7	23.7	21.7	23.2
	66	0	21.5	25.5	19.5	25.5
	66	1	21	17.5	19.5	17
	66	4	25	25	25	25
	71	0	25.2	25.2	25.2	25.2
	71	1	25.2	24.2	25.2	23.7
	77	4	21.7	25.2	20.2	25.2
	77	3	19.7	17.7	17.7	17.7
	77	5	22	23	20.5	23
	77	6	21.2	17.7	19.7	17.2
	78	4	21.2	20.7	19.2	20.2
	78	3	19.7	17.7	17.7	17.2
	78	5	22	24.5	20.5	24.5
	78	6	20.2	15.2	18.2	15.2

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

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

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

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

N2(ANT0 ECI3)

No.	Test Freq Description	5G-n2							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1907.5	381500	22.56
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1880	376000	22.65
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1852.5	370500	22.61
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1890	378000	22.58
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1880	376000	22.56
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1870	374000	22.59

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

No.	Test Freq Description	5G-n2							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	1880	376000	22.63
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	1880	376000	22.62
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	1880	376000	21.17
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	1880	376000	19.41
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	1880	376000	22.16
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	1880	376000	21.74
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	1880	376000	20.39
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	1880	376000	17.24
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	1880	376000	22.65
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	1880	376000	22.59
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	1880	376000	22.51
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	1880	376000	22.46
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	1880	376000	22.46
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	1880	376000	22.44
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	1880	376000	22.62
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	1880	376000	22.60
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	1880	376000	22.61
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	1880	376000	22.59
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64 32	1880	376000	22.61
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	1880	376000	22.61

N2(ANT0 ECI5)

No.	Test Freq Description	5G-n2							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1907.5	381500	23.60
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1880	376000	23.66
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1852.5	370500	23.65
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1890	378000	23.62
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1880	376000	23.60
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1870	374000	23.63

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

No.	Test Freq Description	5G-n2							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	1880	376000	23.65
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	1880	376000	22.59
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	1880	376000	21.08
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	1880	376000	19.24
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	1880	376000	22.11
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	1880	376000	21.67
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	1880	376000	20.26
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	1880	376000	17.19
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	1880	376000	22.63
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	1880	376000	22.56
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	1880	376000	22.48
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	1880	376000	22.43
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	1880	376000	23.47
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	1880	376000	23.45
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	1880	376000	22.59
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	1880	376000	23.62
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	1880	376000	23.63
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	1880	376000	23.61
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64 32	1880	376000	23.63
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	1880	376000	23.63

N2(ANT1 ECI3)

No.	Test Freq Description	5G-n2							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	20.96
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1880	376000	21.01
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1852.5	370500	21.00
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1890	378000	20.97
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1880	376000	20.96
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1870	374000	20.98

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

No.	Test Freq Description	5G-n2							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 PI/2 BPSK1	Inner Full	12 6	1880	376000	20.99
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	1880	376000	20.95
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	1880	376000	20.93
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	1880	376000	19.11
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	1880	376000	20.97
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	1880	376000	20.87
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	1880	376000	20.11
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	1880	376000	17.06
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	1880	376000	20.96
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	1880	376000	20.85
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	1880	376000	20.91
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	1880	376000	20.92
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	1880	376000	20.84
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	1880	376000	20.82
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	1880	376000	20.86
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	1880	376000	20.97
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	1880	376000	20.86
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	1880	376000	20.95
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64 32	1880	376000	20.98
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	1880	376000	20.94

N2(ANT1 ECI5)

No.	Test Freq Description	5G-n2							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	18.75
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1880	376000	18.79
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1852.5	370500	18.68
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1890	378000	18.70
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1880	376000	18.75
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1870	374000	18.61

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

No.	Test Freq Description	5G-n2							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 PI/2 BPSK1	Inner Full	12 6	1880	376000	18.77
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	1880	376000	18.74
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	1880	376000	18.72
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	1880	376000	18.69
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	1880	376000	18.75
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	1880	376000	18.66
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	1880	376000	18.64
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	1880	376000	17.09
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	1880	376000	18.75
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	1880	376000	18.65
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	1880	376000	18.70
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	1880	376000	18.71
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	1880	376000	18.64
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	1880	376000	18.62
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	1880	376000	18.66
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	1880	376000	18.75
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	1880	376000	18.66
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	1880	376000	18.74
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64 32	1880	376000	18.76
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	1880	376000	18.73

N5(ANT0 ECI3/5)

No.	Test Freq Description	5G-n5							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n5
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	846.5	169300	24.93
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	836.5	167300	25.03
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	826.5	165300	24.97
4	High	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	839	167800	24.86
5	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	836.5	167300	24.89
6	Low	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	834	166800	24.91

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

No.	Test Freq Description	5G-n5							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	836.5	167300	25.01
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	836.5	167300	23.88
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	836.5	167300	22.38
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	836.5	167300	20.43
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	836.5	167300	23.40
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	836.5	167300	22.98
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	836.5	167300	21.44
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	836.5	167300	18.41
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	836.5	167300	23.92
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	836.5	167300	23.90
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	836.5	167300	23.77
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	836.5	167300	23.82
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	836.5	167300	24.80
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	836.5	167300	24.84
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	836.5	167300	23.90
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	836.5	167300	24.83
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	836.5	167300	24.86

N5(ANT1 ECI3)

No.	Test Freq Description	5G-n5							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n5
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	846.5	169300	24.33
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	836.5	167300	24.46
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	826.5	165300	24.41
4	High	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	839	167800	24.41
5	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	836.5	167300	24.35
6	Low	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	834	166800	24.38

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

No.	Test Freq Description	5G-n5							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	836.5	167300	24.43
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	836.5	167300	23.43
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	836.5	167300	21.88
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	836.5	167300	19.86
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	836.5	167300	23.06
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	836.5	167300	21.54
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	836.5	167300	20.87
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	836.5	167300	17.82
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	836.5	167300	23.32
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	836.5	167300	23.36
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	836.5	167300	23.20
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	836.5	167300	23.25
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	836.5	167300	24.24
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	836.5	167300	24.30
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	836.5	167300	23.22
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	836.5	167300	24.44
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	836.5	167300	24.41

N5(ANT1 ECI5)

No.	Test Freq Description	5G-n5							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n5
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	846.5	169300	21.15
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	836.5	167300	21.17
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	826.5	165300	21.16
4	High	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	839	167800	21.11
5	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	836.5	167300	21.13
6	Low	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	834	166800	21.14

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

No.	Test Freq Description	5G-n5							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	836.5	167300	20.99
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	836.5	167300	20.87
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	836.5	167300	20.94
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	836.5	167300	20.51
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	836.5	167300	21.12
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	836.5	167300	21.11
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	836.5	167300	21.03
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	836.5	167300	18.00
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	836.5	167300	21.09
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	836.5	167300	21.11
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	836.5	167300	21.07
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	836.5	167300	21.05
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	836.5	167300	21.12
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	836.5	167300	21.11
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	836.5	167300	21.09
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	836.5	167300	21.05
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	836.5	167300	21.12

N7(ANT0 ECI3)

No.	Test Freq Description	5G-n7							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2567.5	513500	22.88
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2535	507000	22.69
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2502.5	500500	23.11
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2550	510000	22.63
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2535	507000	22.71
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2520	504000	22.93

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

No.	Test Freq Description	5G-n7							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	2502.5	500500	22.44
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	2502.5	500500	21.77
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	2502.5	500500	21.35
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	2502.5	500500	19.93
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	2502.5	500500	21.78
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	2502.5	500500	21.47
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	2502.5	500500	20.76
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	2502.5	500500	17.46
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	2502.5	500500	21.92
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	2502.5	500500	21.97
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	2502.5	500500	22.05
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	2502.5	500500	21.91
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	2502.5	500500	23.03
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	2502.5	500500	22.99
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	2502.5	500500	21.95
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	2535	507000	23.02
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	2535	507000	23.05
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	2535	507000	23.08
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64 32	2535	507000	23.03
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	2535	507000	23.10

N7(ANT0 ECI5)

No.	Test Freq Description	5G-n7							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2567.5	513500	24.48
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2535	507000	24.24
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2502.5	500500	24.74
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2550	510000	24.21
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2535	507000	24.31
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2520	504000	24.68

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

No.	Test Freq Description	5G-n7							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	2502.5	500500	24.44
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	2502.5	500500	23.41
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	2502.5	500500	21.84
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	2502.5	500500	19.84
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	2502.5	500500	22.90
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	2502.5	500500	22.49
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	2502.5	500500	20.89
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	2502.5	500500	17.78
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	2502.5	500500	23.33
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	2502.5	500500	23.44
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	2502.5	500500	23.25
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	2502.5	500500	23.37
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	2502.5	500500	24.34
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	2502.5	500500	24.44
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	2502.5	500500	23.41
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	2535	507000	23.94
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	2535	507000	23.99
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	2535	507000	23.96
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64 32	2535	507000	23.95
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	2535	507000	23.96

N7(ANT1 ECI3)

No.	Test Freq Description	5G-n7							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2567.5	513500	18.81
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2535	507000	18.85
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2502.5	500500	18.83
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2550	510000	18.78
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2535	507000	18.76
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2520	504000	18.73

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

No.	Test Freq Description	5G-n7							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	2535	507000	18.72
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	2535	507000	18.72
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	2535	507000	18.74
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	2535	507000	18.29
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	2535	507000	18.68
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	2535	507000	18.76
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	2535	507000	18.78
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	2535	507000	17.21
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	2535	507000	18.73
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	2535	507000	18.71
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	2535	507000	18.63
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	2535	507000	18.59
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	2535	507000	18.64
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	2535	507000	18.60
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	2535	507000	18.74
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	2535	507000	18.74
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	2535	507000	18.79
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	2535	507000	18.80
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64 32	2535	507000	18.76
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	2535	507000	18.79

N7(ANT1 EC18)

No.	Test Freq Description	5G-n7							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	2567.5	513500	16.72
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2535	507000	16.76
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2502.5	500500	16.74
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2550	510000	16.69
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2535	507000	16.67
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2520	504000	16.64

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

No.	Test Freq Description	5G-n7							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 PI/2 BPSK1	Inner Full	12 6	2535	507000	16.63
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	2535	507000	16.63
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	2535	507000	16.65
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	2535	507000	16.20
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	2535	507000	16.59
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	2535	507000	16.67
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	2535	507000	16.69
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	2535	507000	16.52
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	2535	507000	16.64
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	2535	507000	16.62
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	2535	507000	16.54
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	2535	507000	16.50
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	2535	507000	16.55
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	2535	507000	16.51
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	2535	507000	16.65
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	2535	507000	16.65
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	2535	507000	16.70
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	2535	507000	16.71
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64 32	2535	507000	16.67
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	2535	507000	16.70

N7(ANT1 EC15)

No.	Test Freq Description	5G-n7							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	2567.5	513500	16.12
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2535	507000	16.15
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2502.5	500500	16.13
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2550	510000	16.09
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2535	507000	16.08
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2520	504000	16.05

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

No.	Test Freq Description	5G-n7							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 PI/2 BPSK1	Inner Full	12 6	2535	507000	16.05
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	2535	507000	16.05
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	2535	507000	16.06
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	2535	507000	16.08
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	2535	507000	16.01
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	2535	507000	16.08
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	2535	507000	16.09
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	2535	507000	16.04
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	2535	507000	16.05
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	2535	507000	16.04
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	2535	507000	15.97
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	2535	507000	15.94
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	2535	507000	15.98
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	2535	507000	15.95
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	2535	507000	16.06
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	2535	507000	16.06
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	2535	507000	16.10
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	2535	507000	16.11
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64 32	2535	507000	16.08
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	2535	507000	16.10

N7(ANT4 ECI3/5)

No.	Test Freq Description	5G-n7							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	2567.5	513500	22.94
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2535	507000	22.98
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	2502.5	500500	22.95
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2550	510000	22.89
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2535	507000	22.88
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	2520	504000	22.84

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

No.	Test Freq Description	5G-n7							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 PI/2 BPSK1	Inner Full	12 6	2535	507000	22.93
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	2535	507000	21.81
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	2535	507000	20.30
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	2535	507000	18.38
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	2535	507000	21.35
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	2535	507000	20.89
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	2535	507000	19.38
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	2535	507000	16.37
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	2535	507000	21.81
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	2535	507000	21.77
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	2535	507000	21.72
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	2535	507000	21.76
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	2535	507000	22.75
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	2535	507000	22.73
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	2535	507000	21.82
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	2535	507000	22.85
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	2535	507000	22.91
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	2535	507000	22.92
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64 32	2535	507000	22.88
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	2535	507000	22.91

N12(ANT0 ECI3/5)

No.	Test Freq Description	5G-n12							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	713.5	142700	24.56
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	707.5	141500	24.64
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	701.5	140300	24.61
4	High	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	708.5	141700	24.55
5	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	707.5	141500	24.52
6	Low	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	706.5	141300	24.51

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

No.	Test Freq Description	5G-n12							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 PI/2 BPSK1	Inner Full	12 6	707.5	141500	24.63
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	707.5	141500	23.60
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	707.5	141500	22.12
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	707.5	141500	20.15
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	707.5	141500	23.13
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	707.5	141500	22.70
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	707.5	141500	21.14
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	707.5	141500	18.11
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	707.5	141500	23.73
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	707.5	141500	23.76
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	707.5	141500	23.56
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	707.5	141500	23.63
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	707.5	141500	24.54
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	707.5	141500	24.57
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	707.5	141500	23.73
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	707.5	141500	24.53

N12(ANT1 ECI3)

No.	Test Freq Description	5G-n12							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	713.5	142700	24.50
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	707.5	141500	24.58
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	701.5	140300	24.55
4	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	708.5	141700	24.49
5	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	707.5	141500	24.46
6	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	706.5	141300	24.45

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

No.	Test Freq Description	5G-n12							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 PI/2 BPSK1	Inner_Full	12_6	707.5	141500	24.57
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	707.5	141500	23.47
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	707.5	141500	21.98
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	707.5	141500	20.04
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	707.5	141500	23.02
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	707.5	141500	22.60
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	707.5	141500	21.04
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	707.5	141500	17.99
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	707.5	141500	23.46
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	707.5	141500	23.49
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	707.5	141500	23.47
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	707.5	141500	23.45
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	707.5	141500	24.48
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	707.5	141500	24.51
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	707.5	141500	23.56
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	707.5	141500	24.47

N12(ANT1 ECI5)

No.	Test Freq Description	5G-n12							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	713.5	142700	22.58
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	707.5	141500	22.62
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	701.5	140300	22.59
4	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	708.5	141700	22.54
5	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	707.5	141500	22.53
6	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	706.5	141300	22.48

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

No.	Test Freq Description	5G-n12							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 PI/2 BPSK1	Inner_Full	12_6	707.5	141500	22.57
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	707.5	141500	22.48
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	707.5	141500	22.01
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	707.5	141500	20.56
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	707.5	141500	21.84
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	707.5	141500	22.19
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	707.5	141500	21.48
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	707.5	141500	18.03
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	707.5	141500	21.61
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	707.5	141500	21.59
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	707.5	141500	21.64
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	707.5	141500	21.66
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	707.5	141500	22.55
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	707.5	141500	22.59
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	707.5	141500	21.57
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	707.5	141500	22.53

N26(ANT0 ECI3/5)

No.	Test Freq Description	5G-n26							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n26
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	846.5	169300	24.68
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	831.5	166300	24.74
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	816.5	163300	24.72
4	High	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	839	167800	24.64
5	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	831.5	166300	24.67
6	Low	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	824	164800	24.65

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

No.	Test Freq Description	5G-n26							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n26
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	831.5	166300	24.73
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	831.5	166300	23.68
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	831.5	166300	22.22
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	831.5	166300	20.25
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	831.5	166300	23.20
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	831.5	166300	22.77
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	831.5	166300	21.27
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	831.5	166300	18.21
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	831.5	166300	23.69
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	831.5	166300	23.67
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	831.5	166300	23.58
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	831.5	166300	23.57
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	831.5	166300	24.59
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	831.5	166300	24.57
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	831.5	166300	23.72
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	831.5	166300	24.67
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	831.5	166300	24.69

N26(ANT1 ECI3)

No.	Test Freq Description	5G-n26							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n26
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	846.5	169300	24.53
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	831.5	166300	24.65
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	816.5	163300	24.57
4	High	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	839	167800	24.51
5	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	831.5	166300	24.57
6	Low	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	824	164800	24.53

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

No.	Test Freq Description	5G-n26							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n26
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	831.5	166300	24.62
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	831.5	166300	23.65
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	831.5	166300	22.13
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	831.5	166300	20.08
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	831.5	166300	23.29
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	831.5	166300	22.82
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	831.5	166300	21.26
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	831.5	166300	18.06
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	831.5	166300	23.55
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	831.5	166300	23.58
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	831.5	166300	23.52
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	831.5	166300	23.52
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	831.5	166300	24.45
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	831.5	166300	24.42
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	831.5	166300	23.51
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	831.5	166300	24.52
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	831.5	166300	24.54

N26(ANT1 ECI5)

No.	Test Freq Description	5G-n26							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n26
1	High	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	846.5	169300	21.11
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	831.5	166300	21.21
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	816.5	163300	21.14
4	High	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	839	167800	21.09
5	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	831.5	166300	21.14
6	Low	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	824	164800	21.11

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

No.	Test Freq Description	5G-n26							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n26
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	831.5	166300	21.03
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	831.5	166300	20.93
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	831.5	166300	20.97
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	831.5	166300	20.78
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	831.5	166300	21.12
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	831.5	166300	21.11
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	831.5	166300	21.08
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	831.5	166300	18.02
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	831.5	166300	20.19
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	831.5	166300	20.14
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	831.5	166300	20.21
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	831.5	166300	20.12
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	831.5	166300	21.16
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	831.5	166300	21.04
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	831.5	166300	21.11
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	831.5	166300	21.18
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	831.5	166300	21.14

N38(ANT0 ECI3)

No.	Test Freq Description	5G-n38							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2615	523000	22.17
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2595	519000	22.21
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2575	515000	22.18
4	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2600	520000	22.12
5	Middle	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2595	519000	22.11
6	Low	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2590	518000	22.07

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

No.	Test Freq Description	5G-n38							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	2595	519000	21.95
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	2595	519000	21.86
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	2595	519000	21.91
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	2595	519000	20.47
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	2595	519000	21.74
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	2595	519000	22.04
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	2595	519000	21.35
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	2595	519000	17.96
9	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	2595	519000	22.16
10	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	2595	519000	21.18
11	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	2595	519000	22.15
12	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	2595	519000	21.11
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	2595	519000	22.16
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	2595	519000	22.11
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	2595	519000	21.18
16	Low	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	2595	519000	22.18
17	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	2595	519000	22.15
18	Low	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	2595	519000	22.13

N38(ANT0 ECI5)

No.	Test Freq Description	5G-n38							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	2615	523000	24.64
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2595	519000	24.66
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2575	515000	24.63
4	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2600	520000	24.56
5	Middle	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2595	519000	24.52
6	Low	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2590	518000	24.58

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

No.	Test Freq Description	5G-n38							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	2595	519000	24.61
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	2595	519000	23.52
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	2595	519000	22.08
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	2595	519000	20.07
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	2595	519000	22.94
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	2595	519000	22.50
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	2595	519000	21.06
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	2595	519000	17.96
9	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	2595	519000	23.46
10	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	2595	519000	23.46
11	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	2595	519000	23.52
12	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	2595	519000	23.43
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	2595	519000	24.51
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	2595	519000	24.45
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	2595	519000	23.49
16	Low	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	2595	519000	24.63
17	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	2595	519000	24.64
18	Low	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	2595	519000	24.63

N38(ANT1 ECI3)

No.	Test Freq Description	5G-n38							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	2615	523000	18.90
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2595	519000	18.93
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2575	515000	18.91
4	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2600	520000	18.86
5	Middle	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2595	519000	18.85
6	Low	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2590	518000	18.82

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

No.	Test Freq Description	5G-n38							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	2595	519000	18.91
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	2595	519000	18.88
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	2595	519000	18.83
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	2595	519000	18.81
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	2595	519000	18.84
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	2595	519000	18.89
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	2595	519000	18.87
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	2595	519000	17.35
9	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	2595	519000	18.91
10	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	2595	519000	18.81
11	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	2595	519000	18.86
12	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	2595	519000	18.89
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	2595	519000	18.89
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	2595	519000	18.84
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	2595	519000	18.82
16	Low	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	2595	519000	18.89
17	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	2595	519000	18.87
18	Low	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	2595	519000	18.90

N38(ANT1 ECI8)

No.	Test Freq Description	5G-n38							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	2615	523000	17.38
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2595	519000	17.41
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2575	515000	17.39
4	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2600	520000	17.34
5	Middle	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2595	519000	17.33
6	Low	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2590	518000	17.30

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

No.	Test Freq Description	5G-n38							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	2595	519000	17.39
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	2595	519000	17.36
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	2595	519000	17.31
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	2595	519000	17.29
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	2595	519000	17.32
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	2595	519000	17.37
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	2595	519000	17.35
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	2595	519000	17.33
9	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	2595	519000	17.39
10	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	2595	519000	17.29
11	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	2595	519000	17.34
12	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	2595	519000	17.37
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	2595	519000	17.37
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	2595	519000	17.32
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	2595	519000	17.30
16	Low	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	2595	519000	17.37
17	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	2595	519000	17.35
18	Low	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	2595	519000	17.38

N38(ANT1 ECI5)

No.	Test Freq Description	5G-n38							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	2615	523000	15.14
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2595	519000	15.16
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2575	515000	15.14
4	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2600	520000	15.10
5	Middle	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2595	519000	15.10
6	Low	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2590	518000	15.07

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

No.	Test Freq Description	5G-n38							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	2595	519000	15.14
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	2595	519000	15.12
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	2595	519000	15.08
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	2595	519000	15.15
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	2595	519000	15.09
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	2595	519000	15.13
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	2595	519000	15.11
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	2595	519000	15.05
9	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	2595	519000	15.14
10	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	2595	519000	15.06
11	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	2595	519000	15.12
12	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	2595	519000	15.05
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	2595	519000	15.13
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	2595	519000	15.09
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	2595	519000	15.07
16	Low	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	2595	519000	15.13
17	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	2595	519000	15.11
18	Low	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	2595	519000	15.14

N38(ANT4 ECI3)

No.	Test Freq Description	5G-n38							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	2615	523000	22.95
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2595	519000	22.99
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2575	515000	22.96
4	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2600	520000	22.90
5	Middle	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2595	519000	22.89
6	Low	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2590	518000	22.85

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

No.	Test Freq Description	5G-n38							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	2595	519000	22.97
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	2595	519000	22.43
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	2595	519000	20.89
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	2595	519000	18.90
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	2595	519000	21.77
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	2595	519000	21.34
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	2595	519000	19.83
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	2595	519000	16.78
9	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	2595	519000	22.32
10	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	2595	519000	22.34
11	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	2595	519000	22.29
12	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	2595	519000	22.32
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	2595	519000	22.82
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	2595	519000	22.78
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	2595	519000	22.31
16	Low	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	2595	519000	22.86
17	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	2595	519000	22.91
18	Low	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	2595	519000	22.94

N38(ANT4 ECI8)

No.	Test Freq Description	5G-n38							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	2615	523000	20.99
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2595	519000	21.03
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2575	515000	21.00
4	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2600	520000	20.94
5	Middle	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2595	519000	20.93
6	Low	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2590	518000	20.89

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

No.	Test Freq Description	5G-n38							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	2595	519000	21.01
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	2595	519000	20.47
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	2595	519000	20.81
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	2595	519000	18.79
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	2595	519000	19.81
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	2595	519000	21.28
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	2595	519000	19.80
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	2595	519000	16.73
9	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	2595	519000	20.36
10	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	2595	519000	20.38
11	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	2595	519000	20.33
12	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	2595	519000	20.36
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	2595	519000	20.86
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	2595	519000	20.82
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	2595	519000	20.35
16	Low	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	2595	519000	20.90
17	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	2595	519000	20.95
18	Low	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	2595	519000	20.98

N38(ANT4 ECI5)

No.	Test Freq Description	5G-n38							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	2615	523000	23.47
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2595	519000	23.51
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	2575	515000	23.48
4	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2600	520000	23.42
5	Middle	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2595	519000	23.41
6	Low	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	2590	518000	23.37

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

No.	Test Freq Description	5G-n38							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	2595	519000	23.49
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	2595	519000	22.41
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	2595	519000	20.93
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	2595	519000	18.96
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	2595	519000	21.81
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	2595	519000	21.36
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	2595	519000	19.88
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	2595	519000	16.77
9	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	2595	519000	22.32
10	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	2595	519000	22.33
11	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	2595	519000	22.27
12	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	2595	519000	22.31
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	2595	519000	23.34
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	2595	519000	23.30
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	2595	519000	22.33
16	Low	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	2595	519000	23.38
17	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	2595	519000	23.44
18	Low	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	2595	519000	23.46

N41(ANT0 ECI3)

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	21.53
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	21.54
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	21.57
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	21.39
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	21.53
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	21.52
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	21.53
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	21.52

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.	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	21.44
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	21.43
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	21.32
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	20.42
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	21.48
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	21.51
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	21.21
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	17.68
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	21.49
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	21.47
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	21.47
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	21.43
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	21.46
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	21.42
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	21.49
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	21.51
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	21.53
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	21.50
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	21.47
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	21.52
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	21.48
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	21.51
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	21.49
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	21.44

N41(ANT0 ECI5)

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	24.55
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	24.56
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	24.59
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	24.39
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	24.55
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	24.53
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	24.55
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	24.53

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.	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	24.47
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	23.33
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	21.82
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.83
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	22.75
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	22.33
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	20.87
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	17.70
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	23.30
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	23.36
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	23.41
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	23.40
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	24.30
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	24.36
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	23.40
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	24.44
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	24.52
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	24.55
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	24.51
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	24.48
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	24.53
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	24.49
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	24.52
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	24.50

N41(ANT1 ECI3)

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	19.01
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	19.02
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	19.04
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	18.89
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	19.01
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	18.99
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	19.01
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	18.99

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.	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	19.01
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	18.92
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	19.01
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.02
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	19.01
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	19.00
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	18.97
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	17.89
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	18.04
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	18.08
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	18.02
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	18.08
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	18.93
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	18.87
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	18.04
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	18.92
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	18.99
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	19.01
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	18.98
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	18.95
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	18.99
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	18.96
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	18.99
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	18.97

N41(ANT1 ECI5)

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	16.05
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	16.06
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	16.08
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	15.95
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	16.05
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	16.04
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	16.05
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	16.04

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.	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	15.93
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	15.74
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	15.81
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	16.04
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	16.05
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	16.02
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	16.03
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	15.85
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	15.93
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	15.96
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	16.01
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	15.89
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	15.88
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	15.86
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	15.95
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	15.84
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	15.89
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	15.91
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	15.89
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	15.87
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	15.90
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	15.88
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	15.89
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	15.88

N41(ANT4 ECI3/5)

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	22.74
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	22.75
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	22.78
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2555.02	509406	22.59
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	22.74
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	22.72
7	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	22.74
8	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	22.72

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.	n41
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2592.99	518598	22.71
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	22.23
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	20.69
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18.69
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	21.57
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	21.21
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	19.67
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	16.52
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	22.18
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	22.21
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	22.09
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	22.15
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	22.64
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	22.62
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2592.99	518598	22.17
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	22.64
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	22.72
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	22.74
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2618.67	523734	22.71
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	22.68
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	22.72
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2654.97	530994	22.69
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2649.99	529998	22.72
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2644.98	528996	22.70

N66(ANT0 ECI3)

No.	Test Freq Description	5G-n66							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	21.38
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1745	349000	21.48
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1712.5	342500	21.44
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1760	352000	21.40
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1745	349000	21.35
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1730	346000	21.39

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

No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	1745	349000	21.48
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	1745	349000	21.44
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	1745	349000	21.43
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	1745	349000	19.84
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	1745	349000	21.39
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	1745	349000	21.37
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	1745	349000	20.95
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	1745	349000	17.74
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	1745	349000	21.46
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	1745	349000	21.46
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	21.45
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	1745	349000	21.40
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	1745	349000	21.43
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	1745	349000	21.45
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	1745	349000	21.48
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	1745	349000	21.46
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	1745	349000	21.47
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64-32	1745	349000	21.46
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	1745	349000	21.44

N66(ANT0 ECI5)

No.	Test Freq Description	5G-n66							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	24.21
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1745	349000	24.36
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1712.5	342500	24.33
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1760	352000	24.24
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1745	349000	24.18
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1730	346000	24.22

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

No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	1745	349000	24.33
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	1745	349000	23.38
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	1745	349000	21.86
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	1745	349000	19.86
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	1745	349000	23.09
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	1745	349000	22.62
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	1745	349000	21.01
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	1745	349000	17.82
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	1745	349000	23.28
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	1745	349000	23.33
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	1745	349000	23.20
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	1745	349000	23.27
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	1745	349000	24.24
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	1745	349000	24.27
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	1745	349000	23.39
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	1745	349000	24.33
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	1745	349000	24.35
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	1745	349000	24.31
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64-32	1745	349000	24.30
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	1745	349000	24.28

N66(ANT1 ECI3)

No.	Test Freq Description	5G-n66							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	20.88
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1745	349000	20.94
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1712.5	342500	20.91
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1760	352000	20.92
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1745	349000	20.91
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1730	346000	20.90

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

No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	1745	349000	20.89
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	1745	349000	20.88
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	1745	349000	20.88
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	1745	349000	19.56
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	1745	349000	20.87
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	1745	349000	20.91
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	1745	349000	20.71
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	1745	349000	17.52
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	1745	349000	20.90
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	1745	349000	20.92
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	1745	349000	20.90
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	1745	349000	20.89
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	1745	349000	20.91
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	1745	349000	20.86
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	1745	349000	20.85
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	1745	349000	20.90
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	1745	349000	20.88
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	1745	349000	20.87
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64-32	1745	349000	20.90
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	1745	349000	20.84

N66(ANT1 ECI5)

No.	Test Freq Description	5G-n66							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	17.27
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1745	349000	17.32
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1712.5	342500	17.30
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1760	352000	17.30
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1745	349000	17.30
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1730	346000	17.29

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

No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	1745	349000	17.24
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	1745	349000	17.18
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	1745	349000	17.18
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	1745	349000	17.14
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	1745	349000	17.26
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	1745	349000	17.22
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	1745	349000	16.82
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	1745	349000	17.25
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	1745	349000	17.15
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	1745	349000	17.16
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	1745	349000	17.06
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	1745	349000	17.06
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	1745	349000	17.07
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	1745	349000	17.04
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	1745	349000	17.19
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	1745	349000	17.23
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	1745	349000	17.21
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	1745	349000	17.2
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64-32	1745	349000	17.23
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	1745	349000	17.18

N66(ANT4 ECI3/5)

No.	Test Freq Description	5G-n66							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	23.66
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1745	349000	23.75
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	1712.5	342500	23.70
4	High	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1760	352000	23.59
5	Middle	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1745	349000	23.56
6	Low	15	40	DFT-s-OFDM QPSK	Inner Full	108 54	1730	346000	23.60

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

No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner Full	12 6	1745	349000	23.6
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	1745	349000	22.73
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	1745	349000	21.23
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	1745	349000	19.23
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	1745	349000	22.42
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	1745	349000	21.97
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	1745	349000	20.36
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	1745	349000	17.18
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	1745	349000	22.64
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	1745	349000	22.68
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	1745	349000	22.55
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	1745	349000	22.52
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	1745	349000	23.58
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	1745	349000	23.53
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	1745	349000	22.73
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	1745	349000	23.44
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	1745	349000	23.61
18	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	1745	349000	23.58
19	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64-32	1745	349000	23.55
20	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	1745	349000	23.63

N71(ANT0 ECI3/5)

No.	Test Freq Description	5G-n71							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	23.80
2	Middle	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	680.5	136100	23.95
3	Low	15	5	DFT-s-OFDM QPSK	Inner Full	12 6	665.5	133100	23.77
4	Middle	15	35	DFT-s-OFDM QPSK	Inner Full	96 48	680.5	136100	23.90

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

No.	Test Freq Description	5G-n71							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner Full	12 6	680.5	136100	23.88
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner Full	12 6	680.5	136100	22.51
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner Full	12 6	680.5	136100	21.01
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner Full	12 6	680.5	136100	19.05
5	Middle	15	5	CP-OFDM QPSK	Inner Full	12 6	680.5	136100	22.10
6	Middle	15	5	CP-OFDM 16QAM	Inner Full	12 6	680.5	136100	21.75
7	Middle	15	5	CP-OFDM 64QAM	Inner Full	12 6	680.5	136100	20.13
8	Middle	15	5	CP-OFDM 256QAM	Inner Full	12 6	680.5	136100	17.08
9	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Right	2 23	680.5	136100	22.93
10	Middle	15	5	DFT-s-OFDM QPSK	Edge Full Left	2 0	680.5	136100	22.97
11	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Right	1 24	680.5	136100	23.16
12	Middle	15	5	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	680.5	136100	23.24
13	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Right	1 23	680.5	136100	23.48
14	Middle	15	5	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	680.5	136100	23.31
15	Middle	15	5	DFT-s-OFDM QPSK	Outer Full	25 0	680.5	136100	23.03
16	Middle	15	10	DFT-s-OFDM QPSK	Inner Full	25 12	680.5	136100	23.47
17	Middle	15	15	DFT-s-OFDM QPSK	Inner Full	36 18	680.5	136100	23.40
17	Middle	15	20	DFT-s-OFDM QPSK	Inner Full	50 25	680.5	136100	23.77
17	Middle	15	25	DFT-s-OFDM QPSK	Inner Full	64 32	680.5	136100	23.82
17	Middle	15	30	DFT-s-OFDM QPSK	Inner Full	80 40	680.5	136100	23.78

N71(ANT1 ECI3)

No.	Test Freq Description	5G-n71							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	23.65
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	680.5	136100	23.73
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	665.5	133100	23.62
4	Middle	15	35	DFT-s-OFDM QPSK	Inner_Full	96_48	680.5	136100	23.61

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

No.	Test Freq Description	5G-n71							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	680.5	139100	23.71
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	680.5	139100	22.45
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	680.5	139100	20.94
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	680.5	139100	18.97
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	680.5	139100	22.04
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	680.5	139100	21.69
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	680.5	139100	20.06
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	680.5	139100	16.99
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	680.5	139100	22.88
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	680.5	139100	22.92
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	680.5	139100	23.11
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	680.5	139100	23.19
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	680.5	139100	23.43
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	680.5	139100	23.26
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	680.5	139100	22.98
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	680.5	136100	23.42
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	680.5	136100	23.35
17	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	680.5	136100	23.58
17	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	680.5	136100	23.58
17	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	680.5	136100	23.55

N71(ANT1 ECI5)

No.	Test Freq Description	5G-n71							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	23.50
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	680.5	136100	23.72
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	665.5	133100	23.47
4	Middle	15	35	DFT-s-OFDM QPSK	Inner_Full	96_48	680.5	136100	23.70

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

No.	Test Freq Description	5G-n71							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	680.5	136100	23.68
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	680.5	136100	22.31
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	680.5	136100	20.81
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	680.5	136100	18.85
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	680.5	136100	21.90
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	680.5	136100	21.55
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	680.5	136100	19.93
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	680.5	136100	16.88
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	680.5	136100	22.73
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	680.5	136100	22.77
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	680.5	136100	22.96
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	680.5	136100	23.04
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	680.5	136100	23.28
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	680.5	136100	23.11
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	680.5	136100	22.83
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	680.5	136100	23.27
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	680.5	136100	23.20
17	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	680.5	136100	23.35
17	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	680.5	136100	23.69
17	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	680.5	136100	23.66

N77-L(ANT4 ECI3)

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3544.98	636332
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334

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

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3470.01	631334
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3475.02	631668
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334

N77-L(ANT4 ECI5)

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3544.98	636332
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334

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

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3470.01	631334
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3475.02	631668
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334

N77-L(ANT3 ECI3)

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3544.98	636332
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334

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

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3470.01	631334
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3475.02	631668
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334

N77-L(ANT3 ECI5)

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3544.98	636332
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334

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

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3470.01	631334
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3475.02	631668
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334

N77-L(ANT5 ECI3)

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3544.98	636332
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334

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

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3470.01	631334
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3475.02	631668
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334

N77-L(ANT5 ECI5)

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3544.98	636332
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334

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

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3500.01	633334
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3500.01	633334
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334

N77-L(ANT6 ECI3)

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3544.98	636332
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334

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

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3470.01	631334
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3475.02	631668
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334

N77-L(ANT6 ECI5)

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3544.98	636332
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334

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

No.	Test Freq Description	5G-N77-L						Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3470.01	631334
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3475.02	631668
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334

N77-H(ANT4 EC13)

No.	Test Freq Description	5G-N77H							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	N7H
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3975	665000	20.92
2	Middle-1	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3921	661400	20.80
3	Middle-2	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3867	657800	20.74
4	Middle-3	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3813	654200	20.57
5	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3759	650600	20.54
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	20.59
7	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3930	662000	20.88
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750	650000	20.55

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

No.	Test Freq Description	5G-N77H							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	N7H	
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner	Full	12 6	3975	665000	20.73
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner	Full	12 6	3975	665000	20.55
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner	Full	12 6	3975	665000	20.63
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner	Full	12 6	3975	665000	20.22
5	Middle-3	30	10	CP-OFDM QPSK	Inner	Full	12 6	3975	665000	20.89
6	Middle-3	30	10	CP-OFDM 16QAM	Inner	Full	12 6	3975	665000	20.91
7	Middle-3	30	10	CP-OFDM 64QAM	Inner	Full	12 6	3975	665000	20.90
8	Middle-3	30	10	CP-OFDM 256QAM	Inner	Full	12 6	3975	665000	17.64
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB	Right	1 23	3975	665000	20.67
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB	Left	1 0	3975	665000	20.83
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full	Right	2 22	3975	665000	20.88
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full	Left	2 0	3975	665000	20.86
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer	Full	24 0	3975	665000	20.84
16	Low	30	15	DFT-s-OFDM QPSK	Inner	Full	18 9	3707.52	647168	20.64
17	Low	30	20	DFT-s-OFDM QPSK	Inner	Full	25 12	3710.01	647334	20.59
18	Low	30	30	DFT-s-OFDM QPSK	Inner	Full	36 18	3715.02	647668	20.67
19	Low	30	40	DFT-s-OFDM QPSK	Inner	Full	50 25	3720	648000	20.56
20	Low	30	50	DFT-s-OFDM QPSK	Inner	Full	64 32	3725.01	648334	20.60
21	Low	30	60	DFT-s-OFDM QPSK	Inner	Full	81 40	3730.02	648668	20.56
22	Low	30	70	DFT-s-OFDM QPSK	Inner	Full	90 45	3735	649000	20.59
23	Low	30	80	DFT-s-OFDM QPSK	Inner	Full	108 54	3740.01	649334	20.61
24	Low	30	90	DFT-s-OFDM QPSK	Inner	Full	120 60	3745.02	649668	20.60

N77-H(ANT4 EC15)

No.	Test Freq Description	5G-N77H							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	N7H
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3975	665000	24.78
2	Middle-1	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3921	661400	24.66
3	Middle-2	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3867	657800	24.55
4	Middle-3	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3813	654200	24.52
5	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3759	650600	24.48
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	24.53
7	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3930	662000	24.71
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750	650000	24.69

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

No.	Test Freq Description	5G-N77H							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	N7H	
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner	Full	12 6	3975	665000	24.71
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner	Full	12 6	3975	665000	23.85
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner	Full	12 6	3975	665000	22.17
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner	Full	12 6	3975	665000	20.16
5	Middle-3	30	10	CP-OFDM QPSK	Inner	Full	12 6	3975	665000	23.30
6	Middle-3	30	10	CP-OFDM 16QAM	Inner	Full	12 6	3975	665000	22.81
7	Middle-3	30	10	CP-OFDM 64QAM	Inner	Full	12 6	3975	665000	21.25
8	Middle-3	30	10	CP-OFDM 256QAM	Inner	Full	12 6	3975	665000	18.04
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB	Right	1 23	3975	665000	23.61
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB	Left	1 0	3975	665000	23.55
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full	Right	2 22	3975	665000	23.61
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full	Left	2 0	3975	665000	23.58
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer	Full	24 0	3975	665000	23.58
16	Low	30	15	DFT-s-OFDM QPSK	Inner	Full	18 9	3707.52	647168	24.45
17	Low	30	20	DFT-s-OFDM QPSK	Inner	Full	25 12	3710.01	647334	24.39
18	Low	30	30	DFT-s-OFDM QPSK	Inner	Full	36 18	3715.02	647668	24.49
19	Low	30	40	DFT-s-OFDM QPSK	Inner	Full	50 25	3720	648000	24.35
20	Low	30	50	DFT-s-OFDM QPSK	Inner	Full	64 32	3725.01	648334	24.40
21	Low	30	60	DFT-s-OFDM QPSK	Inner	Full	81 40	3730.02	648668	24.35
22	Low	30	70	DFT-s-OFDM QPSK	Inner	Full	90 45	3735	649000	24.39
23	Low	30	80	DFT-s-OFDM QPSK	Inner	Full	108 54	3740.01	649334	24.41
24	Low	30	90	DFT-s-OFDM QPSK	Inner	Full	120 60	3745.02	649668	24.40

N77-H(ANT3 EC13)

No.	Test Freq Description	5G-N77H							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	3975	665000	18.86
2	Middle-1	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3921	661400	18.83
3	Middle-2	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3867	657800	18.78
4	Middle-3	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3813	654200	18.82
5	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3759	650600	18.59
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	18.53
7	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3930	662000	18.78
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750	650000	18.75

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

No.	Test Freq Description	5G-N77H							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3975	665000	18.81
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3975	665000	18.75
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3975	665000	18.76
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3975	665000	18.54
5	Middle-3	30	10	CP-OFDM QPSK	Inner Full	12 6	3975	665000	18.72
6	Middle-3	30	10	CP-OFDM 16QAM	Inner Full	12 6	3975	665000	18.76
7	Middle-3	30	10	CP-OFDM 64QAM	Inner Full	12 6	3975	665000	18.75
8	Middle-3	30	10	CP-OFDM 256QAM	Inner Full	12 6	3975	665000	16.66
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3975	665000	18.76
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3975	665000	18.72
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3975	665000	18.76
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3975	665000	18.74
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3975	665000	18.74
16	Low	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3707.52	647168	18.61
17	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3710.01	647334	18.56
18	Low	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3715.02	647668	18.63
19	Low	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3720	648000	18.53
20	Low	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3725.01	648334	18.57
21	Low	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3730.02	648668	18.53
22	Low	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3735	649000	18.56
23	Low	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3740.01	649334	18.58
24	Low	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3745.02	649668	18.57

N77-H(ANT3 EC15)

No.	Test Freq Description	5G-N77H							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	N7H
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3975	665000	16.80
2	Middle-1	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3921	661400	16.77
3	Middle-2	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3867	657800	16.73
4	Middle-3	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3813	654200	16.76
5	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3759	650600	16.56
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	16.51
7	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3930	662000	16.73
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750	650000	16.70

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

No.	Test Freq Description	5G-N77H							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	N7H	
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner	Full	12 6	3975	665000	16.76
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner	Full	12 6	3975	665000	16.77
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner	Full	12 6	3975	665000	16.72
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner	Full	12 6	3975	665000	16.64
5	Middle-3	30	10	CP-OFDM QPSK	Inner	Full	12 6	3975	665000	16.79
6	Middle-3	30	10	CP-OFDM 16QAM	Inner	Full	12 6	3975	665000	16.66
7	Middle-3	30	10	CP-OFDM 64QAM	Inner	Full	12 6	3975	665000	16.69
8	Middle-3	30	10	CP-OFDM 256QAM	Inner	Full	12 6	3975	665000	16.69
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB	Right	1 23	3975	665000	16.61
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB	Left	1 0	3975	665000	16.67
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full	Right	2 22	3975	665000	16.61
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full	Left	2 0	3975	665000	16.60
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer	Full	24 0	3975	665000	16.68
16	Low	30	15	DFT-s-OFDM QPSK	Inner	Full	18 9	3707.52	647168	16.58
17	Low	30	20	DFT-s-OFDM QPSK	Inner	Full	25 12	3710.01	647334	16.54
18	Low	30	30	DFT-s-OFDM QPSK	Inner	Full	36 18	3715.02	647668	16.61
19	Low	30	40	DFT-s-OFDM QPSK	Inner	Full	50 25	3720	648000	16.51
20	Low	30	50	DFT-s-OFDM QPSK	Inner	Full	64 32	3725.01	648334	16.55
21	Low	30	60	DFT-s-OFDM QPSK	Inner	Full	81 40	3730.02	648668	16.51
22	Low	30	70	DFT-s-OFDM QPSK	Inner	Full	90 45	3735	649000	16.54
23	Low	30	80	DFT-s-OFDM QPSK	Inner	Full	108 54	3740.01	649334	16.55
24	Low	30	90	DFT-s-OFDM QPSK	Inner	Full	120 60	3745.02	649668	16.55

N77-H(ANT5 EC13)

No.	Test Freq Description	5G-N77H							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	N7H
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3975	665000	21.41
2	Middle-1	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3921	661400	21.39
3	Middle-2	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3867	657800	21.51
4	Middle-3	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3813	654200	21.29
5	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3759	650600	21.15
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	21.14
7	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3930	662000	21.31
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750	650000	21.17

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

No.	Test Freq Description	5G-N77H							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	N7H	
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner	Full	12 6	3867	657800	21.40
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner	Full	12 6	3867	657800	21.41
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner	Full	12 6	3867	657800	20.46
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner	Full	12 6	3867	657800	18.47
5	Middle-3	30	10	CP-OFDM QPSK	Inner	Full	12 6	3867	657800	21.42
6	Middle-3	30	10	CP-OFDM 16QAM	Inner	Full	12 6	3867	657800	20.98
7	Middle-3	30	10	CP-OFDM 64QAM	Inner	Full	12 6	3867	657800	19.46
8	Middle-3	30	10	CP-OFDM 256QAM	Inner	Full	12 6	3867	657800	16.45
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB	Right	1 23	3867	657800	20.98
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB	Left	1 0	3867	657800	20.91
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full	Right	2 22	3867	657800	20.99
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full	Left	2 0	3867	657800	20.96
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer	Full	24 0	3867	657800	20.98
16	Low	30	15	DFT-s-OFDM QPSK	Inner	Full	18 9	3707.52	647168	21.04
17	Low	30	20	DFT-s-OFDM QPSK	Inner	Full	25 12	3710.01	647334	21.05
18	Low	30	30	DFT-s-OFDM QPSK	Inner	Full	36 18	3715.02	647668	21.09
19	Low	30	40	DFT-s-OFDM QPSK	Inner	Full	50 25	3720	648000	21.07
20	Low	30	50	DFT-s-OFDM QPSK	Inner	Full	64 32	3725.01	648334	20.99
21	Low	30	60	DFT-s-OFDM QPSK	Inner	Full	81 40	3730.02	648668	21.02
22	Low	30	70	DFT-s-OFDM QPSK	Inner	Full	90 45	3735	649000	21.03
23	Low	30	80	DFT-s-OFDM QPSK	Inner	Full	108 54	3740.01	649334	21.01
24	Low	30	90	DFT-s-OFDM QPSK	Inner	Full	120 60	3745.02	649668	21.02

N77-H(ANT5 EC15)

No.	Test Freq Description	5G-N77H							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	N7H
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3975	665000	22.42
2	Middle-1	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3921	661400	22.40
3	Middle-2	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3867	657800	22.52
4	Middle-3	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3813	654200	22.29
5	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3759	650600	22.15
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	22.14
7	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3930	662000	22.31
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750	650000	22.17

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

No.	Test Freq Description	5G-N77H							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	N7H	
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner	Full	12 6	3867	657800	22.46
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner	Full	12 6	3867	657800	21.96
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner	Full	12 6	3867	657800	20.44
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner	Full	12 6	3867	657800	18.43
5	Middle-3	30	10	CP-OFDM QPSK	Inner	Full	12 6	3867	657800	21.43
6	Middle-3	30	10	CP-OFDM 16QAM	Inner	Full	12 6	3867	657800	20.89
7	Middle-3	30	10	CP-OFDM 64QAM	Inner	Full	12 6	3867	657800	19.41
8	Middle-3	30	10	CP-OFDM 256QAM	Inner	Full	12 6	3867	657800	16.45
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB	Right	1 23	3867	657800	21.96
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB	Left	1 0	3867	657800	21.89
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full	Right	2 22	3867	657800	21.97
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full	Left	2 0	3867	657800	21.94
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer	Full	24 0	3867	657800	21.96
16	Low	30	15	DFT-s-OFDM QPSK	Inner	Full	18 9	3707.52	647168	22.02
17	Low	30	20	DFT-s-OFDM QPSK	Inner	Full	25 12	3710.01	647334	22.03
18	Low	30	30	DFT-s-OFDM QPSK	Inner	Full	36 18	3715.02	647668	22.07
19	Low	30	40	DFT-s-OFDM QPSK	Inner	Full	50 25	3720	648000	22.05
20	Low	30	50	DFT-s-OFDM QPSK	Inner	Full	64 32	3725.01	648334	21.97
21	Low	30	60	DFT-s-OFDM QPSK	Inner	Full	81 40	3730.02	648668	22.00
22	Low	30	70	DFT-s-OFDM QPSK	Inner	Full	90 45	3735	649000	22.01
23	Low	30	80	DFT-s-OFDM QPSK	Inner	Full	108 54	3740.01	649334	21.99
24	Low	30	90	DFT-s-OFDM QPSK	Inner	Full	120 60	3745.02	649668	22.00

N77-H(ANT6 EC13)

No.	Test Freq Description	5G-N77H						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	N7H
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3975	665000	20.92
2	Middle-1	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3921	661400	20.96
3	Middle-2	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3867	657800	21.00
4	Middle-3	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3813	654200	20.95
5	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3759	650600	20.70
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	20.64
7	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3930	662000	20.92
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750	650000	20.88

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

No.	Test Freq Description	5G-N77H						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	N7H
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3867	657800	20.95
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3867	657800	20.96
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3867	657800	20.98
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3867	657800	19.50
5	Middle-3	30	10	CP-OFDM QPSK	Inner Full	12 6	3867	657800	20.99
6	Middle-3	30	10	CP-OFDM 16QAM	Inner Full	12 6	3867	657800	20.83
7	Middle-3	30	10	CP-OFDM 64QAM	Inner Full	12 6	3867	657800	20.49
8	Middle-3	30	10	CP-OFDM 256QAM	Inner Full	12 6	3867	657800	17.29
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3867	657800	20.77
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3867	657800	20.84
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3867	657800	20.77
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3867	657800	20.76
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3867	657800	20.86
16	Low	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3707.52	647168	20.72
17	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3710.01	647334	20.68
18	Low	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3715.02	647668	20.77
19	Low	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3720	648000	20.64
20	Low	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3725.01	648334	20.69
21	Low	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3730.02	648668	20.64
22	Low	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3735	649000	20.68
23	Low	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3740.01	649334	20.69
24	Low	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3745.02	649668	20.69

N77-H(ANT6 EC15)

No.	Test Freq Description	5G-N77H							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	3975	665000	17.46
2	Middle-1	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3921	661400	17.50
3	Middle-2	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3867	657800	17.53
4	Middle-3	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3813	654200	17.49
5	Middle-5	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3759	650600	17.28
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	17.23
7	High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3930	662000	17.46
8	Middle-1	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750	650000	17.43

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

No.	Test Freq Description	5G-N77H							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3867	657800	17.49
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3867	657800	17.50
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3867	657800	17.45
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3867	657800	17.37
5	Middle-3	30	10	CP-OFDM QPSK	Inner Full	12 6	3867	657800	17.52
6	Middle-3	30	10	CP-OFDM 16QAM	Inner Full	12 6	3867	657800	17.39
7	Middle-3	30	10	CP-OFDM 64QAM	Inner Full	12 6	3867	657800	17.42
8	Middle-3	30	10	CP-OFDM 256QAM	Inner Full	12 6	3867	657800	17.42
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3867	657800	17.34
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3867	657800	17.40
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3867	657800	17.34
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3867	657800	17.33
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3867	657800	17.41
16	Low	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3707.52	647168	17.30
17	Low	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3710.01	647334	17.26
18	Low	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3715.02	647668	17.34
19	Low	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3720	648000	17.23
20	Low	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3725.01	648334	17.27
21	Low	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3730.02	648668	17.23
22	Low	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3735	649000	17.26
23	Low	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3740.01	649334	17.27
24	Low	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3745.02	649668	17.27

N78-L(ANT4 ECI3)

No.	Test Freq Description	5G-N78-L							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	3544.98	636332	20.35
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334	20.36
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334	20.32
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	20.33

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

No.	Test Freq Description	5G-N78-L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334	20.33
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334	20.32
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334	20.28
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334	19.42
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334	20.29
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334	20.26
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334	20.31
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334	18.79
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334	20.32
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334	20.33
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334	20.33
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334	20.31
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334	20.36
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334	20.33
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334	20.30
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	20.35
17	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	20.34
18	Middle	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3500.01	633334	20.32
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3470.01	631334	20.33
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3475.02	631668	20.34
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	20.33
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334	20.29
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	20.33
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	20.32

N78-L(ANT4 ECI5)

No.	Test Freq Description	5G-N78-L							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	3544.98	636332	19.83
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334	19.84
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334	19.80
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	19.81

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

No.	Test Freq Description	5G-N78-L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334	19.81
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334	19.80
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334	19.76
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334	19.40
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334	19.77
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334	19.74
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334	19.79
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334	18.79
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334	19.80
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334	19.81
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334	19.81
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334	19.79
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334	19.84
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334	19.81
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334	19.78
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	19.83
17	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	19.82
18	Middle	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3500.01	633334	19.80
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3470.01	631334	19.81
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3475.02	631668	19.82
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	19.81
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334	19.77
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	19.81
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	19.80

N78-L(ANT3 ECI3)

No.	Test Freq Description	5G-N78-L							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	3544.98	636332	18.30
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334	18.32
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334	18.28
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	18.29

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

No.	Test Freq Description	5G-N78-L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334	18.29
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334	18.28
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334	18.24
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334	18.24
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334	18.20
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334	18.23
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334	18.28
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334	18.23
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334	18.28
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334	18.21
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334	18.25
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334	18.28
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334	18.32
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334	18.29
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334	18.26
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	18.20
17	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	18.26
18	Middle	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3500.01	633334	18.19
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3470.01	631334	18.23
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3475.02	631668	18.30
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	18.29
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334	18.25
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	18.23
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	18.18

N78-L(ANT3 ECI5)

No.	Test Freq Description	5G-N78-L							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	3544.98	636332	16.51
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334	16.53
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334	16.49
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	16.50

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

No.	Test Freq Description	5G-N78-L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334	16.50
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334	16.49
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334	16.46
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334	16.46
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334	16.42
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334	16.45
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334	16.49
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334	16.45
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334	16.49
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334	16.43
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334	16.47
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334	16.49
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334	16.53
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334	16.50
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334	16.48
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	16.42
17	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	16.48
18	Middle	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3500.01	633334	16.41
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3470.01	631334	16.45
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3475.02	631668	16.51
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	16.50
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334	16.47
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	16.45
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	16.40

N78-L(ANT5 ECI3)

No.	Test Freq Description	5G-N78-L							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	3544.98	636332	20.06
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334	20.07
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334	20.02
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	20.01

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

No.	Test Freq Description	5G-N78-L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334	20.03
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334	20.01
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334	20.00
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334	19.92
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334	20.02
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334	20.06
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334	19.99
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334	18.44
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334	19.89
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334	19.86
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334	19.93
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334	19.90
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334	20.01
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334	20.03
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334	20.02
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	20.01
17	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	20.02
18	Middle	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3500.01	633334	20.00
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3470.01	631334	20.01
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3475.02	631668	20.03
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	20.00
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334	20.02
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	20.03
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	20.05

N78-L(ANT5 ECI5)

No.	Test Freq Description	5G-N78-L							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	3544.98	636332	22.66
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334	22.68
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334	22.62
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	22.60

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

No.	Test Freq Description	5G-N78-L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334	22.58
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334	22.63
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334	22.02
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334	20.44
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334	22.56
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334	22.51
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334	21.40
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334	18.23
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334	21.32
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334	21.38
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334	21.35
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334	21.41
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334	22.50
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334	22.56
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334	22.05
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	22.63
17	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	22.64
18	Middle	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3500.01	633334	22.61
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3500.01	633334	22.63
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3500.01	633334	22.65
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	22.61
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334	22.64
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	22.65
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	22.60

N78-L(ANT6 ECI3)

No.	Test Freq Description	5G-N78-L							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	3544.98	636332	18.92
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334	18.95
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334	18.90
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	18.91

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

No.	Test Freq Description	5G-N78-L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334	18.91
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334	18.90
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334	18.86
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334	18.86
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334	18.82
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334	18.85
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334	18.93
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334	18.91
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334	18.90
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334	18.83
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334	18.87
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334	18.90
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334	18.95
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334	18.91
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334	18.88
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	18.82
17	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	18.88
18	Middle	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3500.01	633334	18.81
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3470.01	631334	18.85
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3475.02	631668	18.92
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	18.91
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334	18.87
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	18.85
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	18.79

N78-L(ANT6 ECI5)

No.	Test Freq Description	5G-N78-L							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	3544.98	636332	13.81
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3500.01	633334	13.85
3	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3445.01	630334	13.82
4	Middle	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3500.01	633334	13.80

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

No.	Test Freq Description	5G-N78-L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3500.01	633334	13.78
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3500.01	633334	13.81
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3500.01	633334	13.80
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3500.01	633334	13.75
5	Middle	30	10	CP-OFDM QPSK	Inner Full	12 6	3500.01	633334	13.77
6	Middle	30	10	CP-OFDM 16QAM	Inner Full	12 6	3500.01	633334	13.84
7	Middle	30	10	CP-OFDM 64QAM	Inner Full	12 6	3500.01	633334	13.78
8	Middle	30	10	CP-OFDM 256QAM	Inner Full	12 6	3500.01	633334	13.81
9	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3500.01	633334	13.73
10	Middle	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3500.01	633334	13.70
11	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3500.01	633334	13.75
12	Middle	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3500.01	633334	13.73
13	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3500.01	633334	13.73
14	Middle	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3500.01	633334	13.77
15	Middle	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3500.01	633334	13.75
16	Middle	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3500.01	633334	13.81
17	Middle	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3500.01	633334	13.82
18	Middle	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3500.01	633334	13.80
19	High	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3470.01	631334	13.81
20	High	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3475.02	631668	13.82
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3500.01	633334	13.80
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3500.01	633334	13.82
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3500.01	633334	13.82
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3500.01	633334	13.79

N78-H(ANT4 EC13)

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3795	653000	20.33
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3750	650000	20.39
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	20.31
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner Full	135@67	3750	650000	20.35

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)	20	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3750	650000	20.36
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3750	650000	20.37
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3750	650000	20.33
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3750	650000	20.36
5	Middle-3	30	10	CP-OFDM QPSK	Inner Full	12 6	3750	650000	20.32
6	Middle-3	30	10	CP-OFDM 16QAM	Inner Full	12 6	3750	650000	20.36
7	Middle-3	30	10	CP-OFDM 64QAM	Inner Full	12 6	3750	650000	20.34
8	Middle-3	30	10	CP-OFDM 256QAM	Inner Full	12 6	3750	650000	19.87
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3750	650000	20.36
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3750	650000	20.33
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3750	650000	20.36
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3750	650000	20.33
13	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3750	650000	20.34
14	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3750	650000	20.32
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3750	650000	20.30
16	Middle-1	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3750	650000	20.33
17	Middle-1	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3750	650000	20.34
18	Middle-1	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3750	650000	20.31
19	Middle-1	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3750	650000	20.33
20	Middle-1	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3750	650000	20.35
21	Middle-1	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3750	650000	20.31
22	Middle-1	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3750	650000	20.34
23	Middle-1	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3750	650000	20.35
24	Middle-1	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3750	650000	20.30

N78-H(ANT4 ECI5)

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3795	653000	19.68
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3750	650000	19.74
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	19.66
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner Full	135@67	3750	650000	19.70

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)	20	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3750	650000	19.71
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3750	650000	19.72
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3750	650000	19.68
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3750	650000	19.71
5	Middle-3	30	10	CP-OFDM QPSK	Inner Full	12 6	3750	650000	19.67
6	Middle-3	30	10	CP-OFDM 16QAM	Inner Full	12 6	3750	650000	19.71
7	Middle-3	30	10	CP-OFDM 64QAM	Inner Full	12 6	3750	650000	19.69
8	Middle-3	30	10	CP-OFDM 256QAM	Inner Full	12 6	3750	650000	19.67
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3750	650000	19.71
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3750	650000	19.68
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3750	650000	19.71
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3750	650000	19.68
13	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3750	650000	19.69
14	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3750	650000	19.67
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3750	650000	19.65
16	Middle-1	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3750	650000	19.68
17	Middle-1	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3750	650000	19.69
18	Middle-1	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3750	650000	19.66
19	Middle-1	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3750	650000	19.68
20	Middle-1	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3750	650000	19.70
21	Middle-1	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3750	650000	19.66
22	Middle-1	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3750	650000	19.69
23	Middle-1	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3750	650000	19.70
24	Middle-1	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3750	650000	19.65

N78-H(ANT3 EC13)

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3795	653000	19.26
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3750	650000	19.31
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	19.23
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner Full	135@67	3750	650000	19.27

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)	20	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3750	650000	19.28
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3750	650000	19.29
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3750	650000	19.26
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3750	650000	19.28
5	Middle-3	30	10	CP-OFDM QPSK	Inner Full	12 6	3750	650000	19.24
6	Middle-3	30	10	CP-OFDM 16QAM	Inner Full	12 6	3750	650000	19.28
7	Middle-3	30	10	CP-OFDM 64QAM	Inner Full	12 6	3750	650000	19.26
8	Middle-3	30	10	CP-OFDM 256QAM	Inner Full	12 6	3750	650000	18.22
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3750	650000	19.28
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3750	650000	19.26
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3750	650000	19.28
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3750	650000	19.26
13	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3750	650000	19.26
14	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3750	650000	19.24
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3750	650000	19.22
16	Middle-1	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3750	650000	19.26
17	Middle-1	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3750	650000	19.26
18	Middle-1	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3750	650000	19.23
19	Middle-1	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3750	650000	19.26
20	Middle-1	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3750	650000	19.27
21	Middle-1	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3750	650000	19.23
22	Middle-1	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3750	650000	19.26
23	Middle-1	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3750	650000	19.27
24	Middle-1	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3750	650000	19.22

N78-H(ANT3 EC15)

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	17.57
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3750	650000	17.62
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	17.55
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner Full	135@67	3750	650000	17.58

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)	20	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	3750	650000	17.59
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3750	650000	17.60
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3750	650000	17.57
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3750	650000	17.59
5	Middle-3	30	10	CP-OFDM QPSK	Inner Full	12 6	3750	650000	17.56
6	Middle-3	30	10	CP-OFDM 16QAM	Inner Full	12 6	3750	650000	17.59
7	Middle-3	30	10	CP-OFDM 64QAM	Inner Full	12 6	3750	650000	17.57
8	Middle-3	30	10	CP-OFDM 256QAM	Inner Full	12 6	3750	650000	17.48
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3750	650000	17.59
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3750	650000	17.57
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3750	650000	17.59
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3750	650000	17.57
13	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3750	650000	17.57
14	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3750	650000	17.56
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3750	650000	17.54
16	Middle-1	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3750	650000	17.57
17	Middle-1	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3750	650000	17.57
18	Middle-1	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3750	650000	17.55
19	Middle-1	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3750	650000	17.57
20	Middle-1	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3750	650000	17.58
21	Middle-1	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3750	650000	17.55
22	Middle-1	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3750	650000	17.57
23	Middle-1	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3750	650000	17.58
24	Middle-1	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3750	650000	17.54

N78-H(ANT5 EC13)

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3795	653000	20.10
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3750	650000	20.12
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	20.07
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner Full	135 67	3750	650000	20.05

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)	20	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3750	650000	20.03
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3750	650000	20.08
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3750	650000	20.05
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3750	650000	20.07
5	Middle-3	30	10	CP-OFDM QPSK	Inner Full	12 6	3750	650000	20.01
6	Middle-3	30	10	CP-OFDM 16QAM	Inner Full	12 6	3750	650000	20.12
7	Middle-3	30	10	CP-OFDM 64QAM	Inner Full	12 6	3750	650000	20.02
8	Middle-3	30	10	CP-OFDM 256QAM	Inner Full	12 6	3750	650000	18.43
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3750	650000	19.93
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3750	650000	20.09
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3750	650000	20.06
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3750	650000	20.02
13	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3750	650000	20.01
14	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3750	650000	20.06
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3750	650000	20.03
16	Middle-1	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3750	650000	20.08
17	Middle-1	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3750	650000	20.08
18	Middle-1	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3750	650000	20.06
19	Middle-1	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3750	650000	20.08
20	Middle-1	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3750	650000	20.09
21	Middle-1	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3750	650000	20.06
22	Middle-1	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3750	650000	20.08
23	Middle-1	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3750	650000	20.09
24	Middle-1	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3750	650000	20.05

N78-H(ANT5 ECI5)

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	23.13
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3750	650000	23.15
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	23.09
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner Full	135@67	3750	650000	23.07

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)	20	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	3750	650000	23.05
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3750	650000	23.10
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3750	650000	22.47
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3750	650000	20.44
5	Middle-3	30	10	CP-OFDM QPSK	Inner Full	12 6	3750	650000	22.98
6	Middle-3	30	10	CP-OFDM 16QAM	Inner Full	12 6	3750	650000	22.94
7	Middle-3	30	10	CP-OFDM 64QAM	Inner Full	12 6	3750	650000	21.45
8	Middle-3	30	10	CP-OFDM 256QAM	Inner Full	12 6	3750	650000	18.40
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3750	650000	21.48
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3750	650000	21.41
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3750	650000	21.38
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3750	650000	21.34
13	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3750	650000	22.97
14	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3750	650000	23.03
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3750	650000	22.89
16	Middle-1	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3750	650000	23.10
17	Middle-1	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3750	650000	23.11
18	Middle-1	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3750	650000	23.08
19	Middle-1	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3750	650000	23.10
20	Middle-1	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3750	650000	23.12
21	Middle-1	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3750	650000	23.08
22	Middle-1	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3750	650000	23.11
23	Middle-1	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3750	650000	23.12
24	Middle-1	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3750	650000	23.07

N78-H(ANT6 ECI3)

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3795	653000	19.03
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3750	650000	19.05
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	19.00
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner Full	135@67	3750	650000	18.99

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)	20	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3750	650000	18.97
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3750	650000	19.01
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3750	650000	19.00
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3750	650000	18.93
5	Middle-3	30	10	CP-OFDM QPSK	Inner Full	12 6	3750	650000	18.96
6	Middle-3	30	10	CP-OFDM 16QAM	Inner Full	12 6	3750	650000	19.05
7	Middle-3	30	10	CP-OFDM 64QAM	Inner Full	12 6	3750	650000	18.86
8	Middle-3	30	10	CP-OFDM 256QAM	Inner Full	12 6	3750	650000	18.96
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3750	650000	18.93
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3750	650000	18.99
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3750	650000	18.96
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3750	650000	18.93
13	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3750	650000	18.90
14	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3750	650000	18.96
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3750	650000	18.94
16	Middle-1	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3750	650000	19.01
17	Middle-1	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3750	650000	19.02
18	Middle-1	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3750	650000	18.99
19	Middle-1	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3750	650000	19.01
20	Middle-1	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3750	650000	19.03
21	Middle-1	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3750	650000	18.99
22	Middle-1	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3750	650000	19.02
23	Middle-1	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3750	650000	19.03
24	Middle-1	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3750	650000	18.99

N78-H(ANT6 ECI5)

No.	Test Freq Description	5G-n78							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3795	653000	13.87
2	Middle	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3750	650000	13.89
6	Low	30	10	DFT-s-OFDM QPSK	Inner Full	12 6	3705	647000	13.85
12	Low/High	30	100	DFT-s-OFDM QPSK	Inner Full	135@67	3750	650000	13.83

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)	20	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	Middle-3	30	10	DFT-s-OFDM PI/2 BPSK1	Inner Full	12 6	3750	650000	13.83
2	Middle-3	30	10	DFT-s-OFDM 16QAM	Inner Full	12 6	3750	650000	13.86
3	Middle-3	30	10	DFT-s-OFDM 64QAM	Inner Full	12 6	3750	650000	13.85
4	Middle-3	30	10	DFT-s-OFDM 256QAM	Inner Full	12 6	3750	650000	13.80
5	Middle-3	30	10	CP-OFDM QPSK	Inner Full	12 6	3750	650000	13.83
6	Middle-3	30	10	CP-OFDM 16QAM	Inner Full	12 6	3750	650000	13.89
7	Middle-3	30	10	CP-OFDM 64QAM	Inner Full	12 6	3750	650000	13.75
8	Middle-3	30	10	CP-OFDM 256QAM	Inner Full	12 6	3750	650000	13.85
9	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Right	1 23	3750	650000	13.80
10	Middle-3	30	10	DFT-s-OFDM QPSK	Edge 1RB Left	1 0	3750	650000	13.85
11	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Right	2 22	3750	650000	13.83
12	Middle-3	30	10	DFT-s-OFDM QPSK	Edge Full Left	2 0	3750	650000	13.80
13	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Right	1 22	3750	650000	13.78
14	Middle-3	30	10	DFT-s-OFDM QPSK	Inner 1RB Left	1 1	3750	650000	13.83
15	Middle-3	30	10	DFT-s-OFDM QPSK	Outer Full	24 0	3750	650000	13.81
16	Middle-1	30	15	DFT-s-OFDM QPSK	Inner Full	18 9	3750	650000	13.86
17	Middle-1	30	20	DFT-s-OFDM QPSK	Inner Full	25 12	3750	650000	13.87
18	Middle-1	30	30	DFT-s-OFDM QPSK	Inner Full	36 18	3750	650000	13.85
19	Middle-1	30	40	DFT-s-OFDM QPSK	Inner Full	50 25	3750	650000	13.86
20	Middle-1	30	50	DFT-s-OFDM QPSK	Inner Full	64 32	3750	650000	13.88
21	Middle-1	30	60	DFT-s-OFDM QPSK	Inner Full	81 40	3750	650000	13.85
22	Middle-1	30	70	DFT-s-OFDM QPSK	Inner Full	90 45	3750	650000	13.87
23	Middle-1	30	80	DFT-s-OFDM QPSK	Inner Full	108 54	3750	650000	13.88
24	Middle-1	30	90	DFT-s-OFDM QPSK	Inner Full	120 60	3750	650000	13.85

12.5 Wi-Fi and BT Measurement result

The maximum output power for BT Body stand-alone/BT+WIFI5G/BT+WWAN

GFSK			Tune up	EDR2M-4_DQPSK			EDR3M-8DPSK			Tune up
Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78	Channel 0	Channel 39	Channel 78	
15.89	15.87	17.02	17.50	14.72	15.54	16.30	15.09	15.50	16.85	17.50

The maximum output power for BT Head stand-alone/BT+WIFI5G/BT+WWAN/ BT Body BT+WWAN+WIFI5G

GFSK			Tune up	EDR2M-4_DQPSK			Tune up	EDR3M-8DPSK			Tune up
Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78	
13.81	14.57	14.80	15.00	8.03	8.88	9.16	10.00	6.71	7.55	7.85	8.00

The maximum output power for BT Head BT+WWAN+WIFI5G

GFSK			Tune up	EDR2M-4_DQPSK			Tune up	EDR3M-8DPSK			Tune up
Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78	
10.14	10.46	10.57	11.00	4.37	4.81	4.91	6.00	3.11	3.64	3.62	4.00

WIFI2.4G Tune up

Band	Mode	Channel	ANT	Tune up (dBm)		
				Body stand-alone	Head stand-alone	Head WWAN+WIFI2.4G
2.4G	2.4G_802.11b_20MHz	CH1	ANT7	20	18.5	15.5
		CH6		20	18.5	15.5
		CH11		20	18.5	15.5
	2.4G_802.11g_20MHz	CH1	ANT7	17	17	15.5
		CH6		20	18.5	15.5
		CH11		17	17	15.5
	2.4G_802.11n_20MHz	CH1	ANT7	16	16	15.5
		CH6		20	18.5	15.5
		CH11		16	16	15.5
	2.4G_802.11n_40MHz	CH3	ANT7	15	15	15.5
		CH6		20	18.5	15.5
		CH9		15	15	15.5

WIFI5G Tune up

Band	Mode	Channel	ANT	Tune up (dBm)				
				Body stand-alone/ WIFI5G+BT	Head stand-alone/ WIFI5G+BT	Body WWAN+WIFI5G	Head WWAN+WIFI5G	Body WWAN+WIFI5G+BT
5G B1	B1_802.11a_20MHz	CH36	ANT7	15	18.5	14	15.5	12
		CH40		15	18.5	14	15.5	12
		CH44		15	18.5	14	15.5	12
		CH48		15	18.5	14	15.5	12
	B1_802.11n_20MHz	CH36	ANT7	15	18	14	15.5	12
		CH40		15	18.5	14	15.5	12
		CH44		15	18.5	14	15.5	12
		CH48		15	18.5	14	15.5	12
	B1_802.11n_40MHz	CH36	ANT7	15	18.5	14	15.5	12
		CH40		15	18.5	14	15.5	12
		CH44		15	18.5	14	15.5	12
		CH48		15	18.5	14	15.5	12
	B1_802.11ac_20MHz	CH36	ANT7	15	18.5	14	15.5	12
		CH40		15	18.5	14	15.5	12
		CH44		15	18.5	14	15.5	12
		CH48		15	18.5	14	15.5	12
	B1_802.11ac_40MHz	CH36	ANT7	15	18.5	14	15.5	12
		CH40		15	18.5	14	15.5	12
	B1_802.11ac_80MHz	CH42	ANT7	14	14	14	14	12
5G B2A	B2A_802.11a_20MHz	CH52	ANT7	15	18.5	14	15.5	12
		CH56		15	18.5	14	15.5	12
		CH60		15	18.5	14	15.5	12
		CH64		15	18.5	14	15.5	12
	B2A_802.11n_20MHz	CH52	ANT7	15	18.5	14	15.5	12
		CH56		15	18.5	14	15.5	12
		CH60		15	18.5	14	15.5	12
		CH64		15	18.5	14	15.5	12
	B2A_802.11n_40MHz	CH54	ANT7	15	18.5	14	15.5	12
		CH62		15	18.5	14	15.5	12
		CH62		15	18.5	14	15.5	12
		CH62		15	18.5	14	15.5	12
	B2A_802.11ac_20MHz	CH56	ANT7	15	18.5	14	15.5	12
		CH60		15	18.5	14	15.5	12
		CH64		15	18.5	14	15.5	12
		CH64		15	18.5	14	15.5	12
	B2A_802.11ac_40MHz	CH54	ANT7	15	18.5	14	15.5	12
		CH62		15	18.5	14	15.5	12
	B2A_802.11ac_80MHz	CH58	ANT7	15	16	14	15.5	12
5G B2C	B2C_802.11a_20MHz	CH100	ANT7	16	17	14.5	14	13
		CH104		16	17	14.5	14	13
		CH108		16	17	14.5	14	13
		CH112		16	17	14.5	14	13
		CH116		16	17	14.5	14	13
		CH120		16	17	14.5	14	13
		CH124		16	17	14.5	14	13
		CH128		16	17	14.5	14	13
		CH132		16	17	14.5	14	13
		CH136		16	17	14.5	14	13
		CH140		15	15	14.5	14	13
		CH140		16	16	14.5	14	13
	B2C_802.11n_20MHz	CH104	ANT7	16	17	14.5	14	13
		CH108		16	17	14.5	14	13
		CH112		16	17	14.5	14	13
		CH116		16	17	14.5	14	13
		CH120		16	17	14.5	14	13
		CH124		16	17	14.5	14	13
		CH128		16	17	14.5	14	13
		CH132		16	17	14.5	14	13
		CH136		16	17	14.5	14	13
		CH140		13	13	13	13	13
		CH102	ANT7	14	14	14	14	13
		CH110		16	17	14.5	14	13
		CH118		16	17	14.5	14	13
		CH126		16	17	14.5	14	13
	B2C_802.11ac_20MHz	CH100	ANT7	16	16	14.5	14	13
		CH104		16	17	14.5	14	13
		CH108		16	17	14.5	14	13
		CH112		16	17	14.5	14	13
		CH116		16	17	14.5	14	13
		CH120		16	17	14.5	14	13
		CH124		16	17	14.5	14	13
		CH128		16	17	14.5	14	13
		CH132		16	17	14.5	14	13
		CH136		16	17	14.5	14	13
		CH140		15	15	14.5	14	13
		CH102	ANT7	15	15	14.5	14	13
		CH110		16	17	14.5	14	13
		CH118		16	17	14.5	14	13
		CH126		16	17	14.5	14	13
	B2C_802.11ac_40MHz	CH134	ANT7	16	16	14.5	14	13
		CH106		14	14	14	14	13
	B2C_802.11ac_80MHz	CH122	ANT7	15	15	14.5	14	13
5G B3	B3_802.11a_20MHz	CH149	ANT7	17.5	17	16	14	14.5
		CH153		17.5	17	16	14	14.5
		CH157		17.5	17	16	14	14.5
		CH161		17.5	17	16	14	14.5
	B3_802.11n_20MHz	CH165	ANT7	17.5	17	16	14	14.5
		CH149		17.5	17	16	14	14.5
		CH153		17.5	17	16	14	14.5
		CH165		17.5	17	16	14	14.5
	B3_802.11n_40MHz	CH151	ANT7	17.5	17	16	14	14.5
		CH159		17.5	17	16	14	14.5
		CH149		17.5	17	16	14	14.5
		CH153		17.5	17	16	14	14.5
	B3_802.11ac_20MHz	CH157	ANT7	17.5	17	16	14	14.5
		CH161		17.5	17	16	14	14.5
		CH165		17.5	17	16	14	14.5
		CH151		17.5	17	16	14	14.5
	B3_802.11ac_40MHz	CH159	ANT7	17.5	17	16	14	14.5
		CH155		17.5	17	16	14	14.5

The maximum output power for WiFi 2.4G ANT7 –Body stand-alone

802.11b(dBm)	
Channel\data rate	1Mbps
11(2462MHz)	18.39
6(2437MHz)	18.01
1(2412MHz)	18.29
802.11g(dBm)	
Channel\data rate	6Mbps
11(2462MHz)	15.29
6(2437MHz)	18.04
1(2412MHz)	15.13
802.11n(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	14.09
6(2437MHz)	18.01
1(2412MHz)	14.17
802.11n(dBm)-40MHz	
Channel\data rate	MCS0
9(2452MHz)	13.08
6(2437MHz)	18.03
3(2422MHz)	13.05

The maximum output power for WiFi 2.4G ANT7 –Head stand-alone

802.11b(dBm)	
Channel\data rate	1Mbps
11(2462MHz)	16.91
6(2437MHz)	16.54
1(2412MHz)	16.73
802.11g(dBm)	
Channel\data rate	6Mbps
11(2462MHz)	15.29
6(2437MHz)	16.54
1(2412MHz)	15.13
802.11n(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	14.09
6(2437MHz)	16.57
1(2412MHz)	14.17
802.11n(dBm)-40MHz	
Channel\data rate	MCS0
9(2452MHz)	13.08
6(2437MHz)	16.55
3(2422MHz)	13.05

The maximum output power for WiFi 2.4G ANT7 –Head WWAN+WIFI2.4G

802.11b(dBm)	
Channel\data rate	1Mbps
11(2462MHz)	14.33
6(2437MHz)	13.79
1(2412MHz)	14.08
802.11g(dBm)	
Channel\data rate	6Mbps
11(2462MHz)	14.05
6(2437MHz)	13.54
1(2412MHz)	13.83
802.11n(dBm)-20MHz	
Channel\data rate	MCS0
11(2462MHz)	13.91
6(2437MHz)	13.59
1(2412MHz)	13.80
802.11n(dBm)-40MHz	
Channel\data rate	MCS0
9(2452MHz)	13.57
6(2437MHz)	13.58
3(2422MHz)	13.55

The maximum output power for WiFi 5G ANT7 –Body stand-alone/WIFI5G+BT

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	13.51
46(5230 MHz)	13.55
102(5510 MHz)	12.67
110(5550 MHz)	14.73
118(5590 MHz)	14.71
126(5630 MHz)	14.67
134(5670 MHz)	13.64
802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
58(5290 MHz)	13.48
155(5775 MHz)	15.59

The maximum output power for WiFi 5G ANT7 –Head stand-alone/WIFI5G+BT

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	13.51
46(5230 MHz)	17.25
54(5270 MHz)	17.33
62(5310 MHz)	13.79
102(5510 MHz)	12.67
110(5550 MHz)	15.81
118(5590 MHz)	15.91
126(5630 MHz)	16.02
134(5670 MHz)	13.64
802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
155(5775 MHz)	15.04

The maximum output power for WiFi 5G ANT7 –Body WWAN+WIFI5G

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	12.21
58(5290 MHz)	12.41
106(5530 MHz)	12.29
122(5610 MHz)	12.89
155(5775 MHz)	14.02

The maximum output power for WiFi 5G ANT7 –Head WWAN+WIFI5G

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	13.51
46(5230 MHz)	13.93
802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
58(5290 MHz)	14.06
106(5530 MHz)	12.43
122(5610 MHz)	12.59
155(5775 MHz)	12.03

The maximum output power for WiFi 5G ANT7 –Body WWAN+WIFI5G+BT

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	10.25
58(5290 MHz)	10.39
106(5530 MHz)	11.29
122(5610 MHz)	11.48
155(5775 MHz)	12.56

The maximum output power for WiFi 5G ANT7 –Head WWAN+WIFI5G+BT

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	11.18
58(5290 MHz)	11.37
106(5530 MHz)	9.74
122(5610 MHz)	9.84
155(5775 MHz)	9.56

13 Simultaneous TX SAR Considerations

13.1 Transmit Antenna Separation Distances

The detail for transmit antenna separation distances is described in the additional document:

Appendix to test report No.25T04Z100116-010

The photos of SAR test

13.2 SAR Measurement Positions

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

Antenna/Sensor-to- DUT sides separation distances						
Mode	Front	Rear	Left edge	Right edge	Top edge	Bottom edge
Ant.0	<25mm	<25mm	<25mm	<25mm	>25mm	<25mm
Ant.1	<25mm	<25mm	<25mm	<25mm	<25mm	>25mm
Ant.3	<25mm	<25mm	>25mm	<25mm	<25mm	>25mm
Ant.4	<25mm	<25mm	<25mm	>25mm	<25mm	>25mm
Ant.5	<25mm	<25mm	>25mm	<25mm	<25mm	>25mm
Ant.6	<25mm	<25mm	>25mm	<25mm	<25mm	>25mm
Ant.7	<25mm	<25mm	>25mm	<25mm	<25mm	>25mm

[illegible]

Test Section		100 kg/100 lb										150 kg/150 lb										200 kg/200 lb										250 kg/250 lb										300 kg/300 lb										350 kg/350 lb										400 kg/400 lb										450 kg/450 lb										500 kg/500 lb										550 kg/550 lb										600 kg/600 lb										650 kg/650 lb										700 kg/700 lb										750 kg/750 lb										800 kg/800 lb										850 kg/850 lb										900 kg/900 lb										950 kg/950 lb										1000 kg/1000 lb												1050 kg/1050 lb												1100 kg/1100 lb												1150 kg/1150 lb												1200 kg/1200 lb												1250 kg/1250 lb												1300 kg/1300 lb												1350 kg/1350 lb												1400 kg/1400 lb												1450 kg/1450 lb												1500 kg/1500 lb												1550 kg/1550 lb												1600 kg/1600 lb												1650 kg/1650 lb												1700 kg/1700 lb												1750 kg/1750 lb												1800 kg/1800 lb												1850 kg/1850 lb												1900 kg/1900 lb												1950 kg/1950 lb												2000 kg/2000 lb																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		401	401A	402	402A	403	403A	404	404A	405	405A	406	406A	407	407A	408	408A	409	409A	410	410A	411	411A	412	412A	413	413A	414	414A	415	415A	416	416A	417	417A	418	418A	419	419A	420	420A	421	421A	422	422A	423	423A	424	424A	425	425A	426	426A	427	427A	428	428A	429	429A	430	430A	431	431A	432	432A	433	433A	434	434A	435	435A	436	436A	437	437A	438	438A	439	439A	440	440A	441	441A	442	442A	443	443A	444	444A	445	445A	446	446A	447	447A	448	448A	449	449A	450	450A	451	451A	452	452A	453	453A	454	454A	455	455A	456	456A	457	457A	458	458A	459	459A	460	460A	461	461A	462	462A	463	463A	464	464A	465	465A	466	466A	467	467A	468	468A	469	469A	470	470A	471	471A	472	472A	473	473A	474	474A	475	475A	476	476A	477	477A	478	478A	479	479A	480	480A	481	481A	482	482A	483	483A	484	484A	485	485A	486	486A	487	487A	488	488A	489	489A	490	490A	491	491A	492	492A	493	493A	494	494A	495	495A	496	496A	497	497A	498	498A	499	499A	500	500A	501	501A	502	502A	503	503A	504	504A	505	505A	506	506A	507	507A	508	508A	509	509A	510	510A	511	511A	512	512A	513	513A	514	514A	515	515A	516	516A	517	517A	518	518A	519	519A	520	520A	521	521A	522	522A	523	523A	524	524A	525	525A	526	526A	527	527A	528	528A	529	529A	530	530A	531	531A	532	532A	533	533A	534	534A	535	535A	536	536A	537	537A	538	538A	539	539A	540	540A	541	541A	542	542A	543	543A	544	544A	545	545A	546	546A	547	547A	548	548A	549	549A	550	550A	551	551A	552	552A	553	553A	554	554A	555	555A	556	556A	557	557A	558	558A	559	559A	560	560A	561	561A	562	562A	563	563A	564	564A	565	565A	566	566A	567	567A	568	568A	569	569A	570	570A	571	571A	572	572A	573	573A	574	574A	575	575A	576	576A	577	577A	578	578A	579	579A	580	580A	581	581A	582	582A	583	583A	584	584A	585	585A	586	586A	587	587A	588	588A	589	589A	590	590A	591	591A	592	592A	593	593A	594	594A	595	595A	596	596A	597	597A	598	598A	599	599A	600	600A	601	601A	602	602A	603	603A	604	604A	605	605A	606	606A	607	607A	608	608A	609	609A	610	610A	611	611A	612	612A	613	613A	614	614A	615	615A	616	616A	617	617A	618	618A	619	619A	620	620A	621	621A	622	622A	623	623A	624	624A	625	625A	626	626A	627	627A	628	628A	629	629A	630	630A	631	631A	632	632A	633	633A	634	634A	635	635A	636	636A	637	637A	638	638A	639	639A	640	640A	641	641A	642	642A	643	643A	644	644A	645	645A	646	646A	647	647A	648	648A	649	649A	650	650A	651	651A	652	652A	653	653A	654	654A	655	655A	656	656A	657	657A	658	658A	659	659A	660	660A	661	661A	662	662A	663	663A	664	664A	665	665A	666	666A	667	667A	668	668A	669	669A	670	670A	671	671A	672	672A	673	673A	674	674A	675	675A	676	676A	677	677A	678	678A	679	679A	680	680A	681	681A	682	682A	683	683A	684	684A	685	685A	686	686A	687	687A	688	688A	689	689A	690	690A	691	691A	692	692A	693	693A	694	694A	695	695A	696	696A	697	697A	698	698A	699	699A	700	700A	701	701A	702	702A	703	703A	704	704A	705	705A	706	706A	707	707A	708	708A	709	709A	710	710A	711	711A	712	712A	713	713A	714	714A	715	715A	716	716A	717	717A	718	718A	719	719A	720	720A	721	721A	722	722A	723	723A	724	724A	725	725A	726	726A	727	727A	728	728A	729	729A	730	730A	731	731A	732	732A	733	733A	734	734A	735	735A	736	736A	737	737A	738	738A	739	739A	740	740A	741	741A	742	742A	743	743A	744	744A	745	745A	746	746A	747	747A	748	748A	749	749A	750	750A	751	751A	752	752A	753	753A	754	754A	755	755A	756	756A	757	757A	758	758A	759	759A	760	760A	761	761A	762	762A	763	763A	764	764A	765	765A	766	766A	767	767A	768	768A	769	769A	770	770A	771	771A	772	772A	773	773A	774	774A	775	775A	776	776A	777	777A	778	778A	779	779A	780	780A	781	781A	782	782A	783	783A	784	784A	785	785A	786	786A	787	787A	788	788A	789	789A	790	790A	791	791A	792	792A	793	793A	794	794A	795	795A	796	796A	797	797A	798	798A	799	799A	800	800A	801	801A	802	802A	803	803A	804	804A	805	805A	806	806A	807	807A	808	808A	809	809A	810	810A	811	811A	812	812A	813	813A	814	814A	815	815A	816	816A	817	817A	818	818A	819	819A	820	820A	821	821A	822	822A	823	823A	824	824A	825	825A	826	826A	827	827A	828	828A	829	829A	830	830A	831	831A	832	832A	833	833A	834	834A	835	835A	836	836A	837	837A	838	838A	839	839A	840	840A	841	841A	842	842A	843	843A	844	844A	845	845A	846	846A	847	847A	848	848A	849	849A	850	850A	851	851A	852	852A	853	853A	854	854A	855	855A	856	856A	857	857A	858	858A	859	859A	860	860A	861	861A	862	862A	863	863A	864	864A	865	865A	866	866A	867	867A	868	868A	869	869A	870	870A	871	871A	872	872A	873	873A	874	874A	875	875A	876	876A	877	877A	878	878A	879	879A	880	880A	881	881A	882	882A	883	883A	884	884A	885	885A	886	886A	887	887A	888	888A	889	889A	890	890A	891	891A	892	892A	893	893A	894	894A	895	895A	896	896A	897	897A	898	898A	899	899A	900	900A	901	901A	902	902A	903	903A	904	904A	905	905A	906	906A	907	907A	908	908A	909	909A	910	910A	911	911A	912	912A	913	913A	914	914A	915	915A	916	916A	917	917A	918	918A	919	919A	920	920A	921	921A	922	922A	923	923A	924	924A	925	925A	926	926A	927	927A	928	928A	929	929A	930	930A	931	931A	932	932A	933	933A	934	934A	935	935A	936	936A	937	937A	938	938A	939	939A	940	940A	941	941A	942	942A	943	943A	944	944A	945	945A	946	946A	947	947A	948	948A	949	949A	950	950A	951	951A	952	952A	953	953A	954	954A	955	955A	956	956A	957	957A	958	958A	959	959A	960	960A	961	961A	962	962A	963	963A	964	964A	965	965A	966	966A	967	967A	968	968A	969	969A	970	970A	971	971A	972	972A	973	973A	974	974A	975	975A	976	976A	977	977A	978	978A	979	979A	980	980A	981	981A	982	982A	983	983A	984	984A	985	985A	986	986A	987	987A	988	988A	989	989A	990	990A	991	991A	992	992A	993	993A	994	994A	995	995A	996	996A	997	997A	998	998A	999	999A	1000	1000A	1001	1001A	1002	1002A	1003	1003A	1004	1004A	1005	1005A	1006	1006A	1007	1007A	1008	1008A	1009	1009A	1010	1010A	1011	1011A	1012	1012A	1013	1013A	1014	1014A	1015	1015A	1016	1016A	1017	1017A	1018	1018A	1019	1019A	1020	1020A	1021	1021A	1022	1022A	1023	1023A	1024	1024A	1025	1025A	1026	1026A	1027	1027A	1028	1028A	1029	1029A	1030	1030A	1031	1031A	1032	1032A	1033	1033A	1034	1034A	1035	1035A	1036	1036A	1037	1037A	1038	1038A	1039	1039A	1040	1040A	1041	1041A	1042	1042A	1043	1043A	1044	1044A	1045	1045A	1046	1046A	1047	1047A	1048	1048A	1049	1049A	1050	1050A	1051	1051A	1052	1052A	1053	1053A	1054	1054A	1055	1055A	1056	1056A	1057	1057A	1058	1058A	1059	1059A	1060	1060A	1061	1061A	1062	1062A	1063	1063A	1064	1064A	1065	1065A	1066	1066A	1067	1067A	1068	1068A	1069	1069A	1070	1070A	1071	1071A	1072	1072A	1073	1073A	1074

Test Position		RM 1g (V/Hz)	1	2	3	4	5	6	7	8	Test Position	RM 1g (V/Hz)	simultaneous transmission					MAX. SAE 1g
			VRAN	WIFI2.4G (VRAN-WIFI2.4G)	WIFI5G (VRAN-WIFI5G-BT)	WIFI5G (VRAN-WIFI5G)	WIFI5G (VRAN-WIFI5G-BT)	BT (VRAN-WIFI5G-BT)	BT (VRAN-WIFI5G-BT)	BT (VRAN-WIFI5G-BT)			1-2	3-6	1-4	1-5+7	1-8	
Head	Left Cheek	0.55	0.44	0.93	0.61	0.34	0.14	0.05	0.14		Left Cheek	1.28	1.07	1.46	1.24	0.98	1.46	
	Right Cheek	0.71	0.63	0.84	0.48	0.98	0.43	0.05	0.13		Right Cheek	1.14	0.97	1.19	1.00	0.84	1.19	
	Left Ear	1.12	0.48	0.34	0.34	0.34	0.34	0.02	0.02		Left Ear	1.41	1.32	1.32	1.32	1.43	1.41	
	Right Ear	0.71	0.40	0.40	0.34	0.34	0.34	0.02	0.02		Right Ear	1.41	1.32	1.32	1.32	1.43	1.41	
	Forearm	0.48	0.27	0.20	0.16	0.20	0.09	0.03	0.09		Forearm	0.73	0.35	0.64	0.73	0.37	0.73	
	Back	0.31	0.30	0.30	0.29	0.29	0.11	0.09	0.11		Back	1.21	0.99	1.18	0.99	1.21	0.99	
Body 10mm	Left	0.66	0.17	0.51	0.51	0.35	0.35	0.02	0.05		Left	0.66	0.00	0.00	0.00	0.66	0.66	
	Right	0.70	0.17	0.51	0.51	0.35	0.35	0.02	0.05		Right	0.70	0.00	0.00	0.18	0.70	0.70	
	Back	0.84	0.20	0.60	0.57	0.48	0.18	0.04	0.17		Back	0.84	0.00	0.04	0.84	0.84	0.84	

Conclusion:

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

15 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 15.1: Duty Cycle

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

Note1: The data is used for stand-alone

Note2: The data is used for simultaneous transmission

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

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	GSM850	251	848.8	GPRS(2TX)	Cheek Left	0mm	\	31.46	32.00	0.188	0.21	0.127	0.14	-0.06
0	Head	GSM850	190	836.6	GPRS(2TX)	Cheek Left	0mm	\	31.37	32.00	0.185	0.21	0.124	0.14	-0.15
0	Head	GSM850	128	824.2	GPRS(2TX)	Cheek Left	0mm	\	31.68	32.00	0.157	0.17	0.108	0.12	0.02
0	Head	GSM850	190	836.6	GPRS(2TX)	Tilt Left	0mm	\	31.37	32.00	0.094	0.11	0.070	0.08	-0.11
0	Head	GSM850	190	836.6	GPRS(2TX)	Cheek Right	0mm	\	31.37	32.00	0.142	0.16	0.101	0.12	-0.17
0	Head	GSM850	190	836.6	GPRS(2TX)	Tilt Right	0mm	\	31.37	32.00	0.097	0.11	0.071	0.08	-0.16
0	Body	GSM850	190	836.6	GPRS(2TX)	Front	10mm	\	31.37	32.00	0.140	0.16	0.088	0.10	-0.07
0	Body	GSM850	251	848.8	GPRS(2TX)	Rear	10mm	FIG A.2	31.46	32.00	0.297	0.34	0.180	0.20	-0.18
0	Body	GSM850	190	836.6	GPRS(2TX)	Rear	10mm	\	31.37	32.00	0.281	0.32	0.163	0.19	0.05
0	Body	GSM850	128	824.2	GPRS(2TX)	Rear	10mm	\	31.68	32.00	0.247	0.27	0.143	0.15	-0.06
0	Body	GSM850	190	836.6	GPRS(2TX)	Left	10mm	\	31.37	32.00	0.075	0.09	0.050	0.06	0.01
0	Body	GSM850	190	836.6	GPRS(2TX)	Right	10mm	\	31.37	32.00	0.061	0.07	0.042	0.05	-0.17
0	Body	GSM850	190	836.6	GPRS(2TX)	Bottom	10mm	\	31.37	32.00	0.140	0.16	0.077	0.09	0.09
1	Head	GSM850	190	836.6	GPRS(3TX)	Cheek Left	0mm	\	26.66	28.00	0.330	0.45	0.215	0.29	0.06
1	Head	GSM850	190	836.6	GPRS(3TX)	Tilt Left	0mm	\	26.66	28.00	0.361	0.49	0.229	0.31	0.16
1	Head	GSM850	190	836.6	GPRS(3TX)	Cheek Right	0mm	\	26.66	28.00	0.342	0.47	0.221	0.30	0.11
1	Head	GSM850	251	848.8	GPRS(3TX)	Tilt Right	0mm	\	26.72	28.00	0.341	0.46	0.191	0.26	0.14
1	Head	GSM850	190	836.6	GPRS(3TX)	Tilt Right	0mm	\	26.66	28.00	0.407	0.55	0.237	0.32	0.15
1	Head	GSM850	128	824.2	GPRS(3TX)	Tilt Right	0mm	FIG A.1	26.97	28.00	0.437	0.55	0.255	0.32	0.07
1	Body	GSM850	190	836.6	GPRS(2TX)	Front	10mm	\	31.29	32.00	0.152	0.18	0.116	0.14	0.01
1	Body	GSM850	190	836.6	GPRS(2TX)	Rear	10mm	\	31.29	32.00	0.152	0.21	0.138	0.16	-0.03
1	Body	GSM850	190	836.6	GPRS(2TX)	Left	10mm	\	31.29	32.00	0.078	0.09	0.056	0.07	-0.03
1	Body	GSM850	190	836.6	GPRS(2TX)	Right	10mm	\	31.29	32.00	0.062	0.07	0.048	0.06	-0.16
1	Body	GSM850	251	848.8	GPRS(2TX)	Top	10mm	\	31.34	32.00	0.172	0.20	0.124	0.14	-0.07
1	Body	GSM850	190	836.6	GPRS(2TX)	Top	10mm	\	31.29	32.00	0.214	0.25	0.136	0.16	0.18
1	Body	GSM850	128	824.2	GPRS(2TX)	Top	10mm	\	31.61	32.00	0.242	0.26	0.152	0.17	0.15
0	Head	GSM900	124	914.8	GPRS(2TX)	Cheek Left	0mm	\	31.27	32.00	0.197	0.23	0.138	0.16	0.13
0	Head	GSM900	37	897.4	GPRS(2TX)	Cheek Left	0mm	\	31.47	32.00	0.187	0.21	0.128	0.14	0.19
0	Head	GSM900	975	880.2	GPRS(2TX)	Cheek Left	0mm	\	31.44	32.00	0.182	0.21	0.132	0.15	-0.16
0	Head	GSM900	37	897.4	GPRS(2TX)	Tilt Left	0mm	\	31.47	32.00	0.091	0.10	0.066	0.07	0.01
0	Head	GSM900	37	897.4	GPRS(2TX)	Cheek Right	0mm	\	31.47	32.00	0.162	0.18	0.117	0.13	-0.11
0	Head	GSM900	37	897.4	GPRS(2TX)	Tilt Right	0mm	\	31.47	32.00	0.088	0.10	0.065	0.07	0.19
0	Body	GSM900	37	897.4	GPRS(2TX)	Front	10mm	\	31.47	32.00	0.089	0.10	0.056	0.06	-0.14
0	Body	GSM900	124	914.8	GPRS(2TX)	Rear	10mm	\	31.27	32.00	0.278	0.33	0.166	0.20	-0.10
0	Body	GSM900	37	897.4	GPRS(2TX)	Rear	10mm	\	31.47	32.00	0.319	0.36	0.194	0.22	-0.03
0	Body	GSM900	975	880.2	GPRS(2TX)	Rear	10mm	\	31.44	32.00	0.280	0.32	0.175	0.20	0.04
0	Body	GSM900	37	897.4	GPRS(2TX)	Left	10mm	\	31.47	32.00	0.095	0.11	0.066	0.07	-0.15
0	Body	GSM900	37	897.4	GPRS(2TX)	Right	10mm	\	31.47	32.00	0.033	0.04	0.021	0.02	-0.14
0	Body	GSM900	37	897.4	GPRS(2TX)	Bottom	10mm	\	31.47	32.00	0.172	0.19	0.100	0.11	0.12
1	Head	GSM900	37	897.4	GPRS(3TX)	Cheek Left	0mm	\	26.62	28.00	0.340	0.47	0.211	0.29	0.12
1	Head	GSM900	37	897.4	GPRS(3TX)	Tilt Left	0mm	\	26.62	28.00	0.356	0.53	0.235	0.32	-0.16
1	Head	GSM900	37	897.4	GPRS(3TX)	Cheek Right	0mm	\	26.62	28.00	0.423	0.58	0.271	0.37	-0.13
1	Head	GSM900	124	914.8	GPRS(3TX)	Tilt Right	0mm	\	26.46	28.00	0.378	0.54	0.220	0.31	-0.18
1	Head	GSM900	37	897.4	GPRS(3TX)	Tilt Right	0mm	FIG A.3	26.62	28.00	0.488	0.67	0.280	0.38	0.02
1	Head	GSM900	975	880.2	GPRS(3TX)	Tilt Right	0mm	\	26.61	28.00	0.473	0.65	0.275	0.38	0.15
1	Body	GSM900	37	897.4	GPRS(2TX)	Front	10mm	\	31.35	32.00	0.299	0.35	0.213	0.25	0.01
1	Body	GSM900	37	897.4	GPRS(2TX)	Rear	10mm	\	31.35	32.00	0.298	0.35	0.220	0.26	0.17
1	Body	GSM900	37	897.4	GPRS(2TX)	Left	10mm	\	31.35	32.00	0.136	0.16	0.098	0.11	0.16
1	Body	GSM900	37	897.4	GPRS(2TX)	Right	10mm	\	31.35	32.00	0.089	0.10	0.066	0.08	-0.17
1	Body	GSM900	124	914.8	GPRS(2TX)	Top	10mm	\	31.12	32.00	0.256	0.31	0.176	0.22	0.07
1	Body	GSM900	37	897.4	GPRS(2TX)	Top	10mm	FIG A.4	31.35	32.00	0.319	0.37	0.202	0.23	-0.02
1	Body	GSM900	975	880.2	GPRS(2TX)	Top	10mm	\	31.33	32.00	0.292	0.34	0.194	0.23	-0.11
0	Head	GSM1900	810	1909.8	GPRS(2TX)	Cheek Left	0mm	\	26.85	28.00	0.059	0.08	0.035	0.05	0.04
0	Head	GSM1900	661	1880	GPRS(2TX)	Cheek Left	0mm	\	26.79	28.00	0.063	0.08	0.038	0.05	0.05
0	Head	GSM1900	512	1850.2	GPRS(2TX)	Cheek Left	0mm	\	26.88	28.00	0.058	0.08	0.035	0.05	-0.05
0	Head	GSM1900	661	1880	GPRS(2TX)	Tilt Left	0mm	\	26.79	28.00	0.031	0.04	0.022	0.03	0.09
0	Head	GSM1900	661	1880	GPRS(2TX)	Cheek Right	0mm	\	26.79	28.00	0.044	0.06	0.028	0.04	0.14
0	Head	GSM1900	661	1880	GPRS(2TX)	Tilt Right	0mm	\	26.79	28.00	0.026	0.03	0.017	0.02	-0.07
0	Body	GSM1900	661	1880	GPRS(2TX)	Front	10mm	\	26.79	28.00	0.201	0.27	0.123	0.16	0.07
0	Body	GSM1900	661	1880	GPRS(2TX)	Rear	10mm	\	26.79	28.00	0.322	0.43	0.196	0.26	-0.11
0	Body	GSM1900	661	1880	GPRS(2TX)	Left	10mm	\	26.79	28.00	0.048	0.06	0.026	0.03	0.09
0	Body	GSM1900	661	1880	GPRS(2TX)	Right	10mm	\	26.79	28.00	0.072	0.10	0.040	0.05	-0.02
0	Body	GSM1900	810	1909.8	GPRS(2TX)	Bottom	10mm	\	26.85	28.00	0.309	0.40	0.185	0.24	-0.08
0	Body	GSM1900	661	1880	GPRS(2TX)	Bottom	10mm	\	26.79	28.00	0.412	0.54	0.246	0.33	0.19
0	Body	GSM1900	512	1850.2	GPRS(2TX)	Bottom	10mm	\	26.88	28.00	0.485	0.63	0.280	0.36	0.13
1	Head	GSM1900	661	1880	GPRS(3TX)	Cheek Left	0mm	\	22.08	24.00	0.242	0.38	0.125	0.19	0.07
1	Head	GSM1900	661	1880	GPRS(3TX)	Tilt Left	0mm	\	22.08	24.00	0.403	0.63	0.188	0.29	-0.07
1	Head	GSM1900	661	1880	GPRS(3TX)	Cheek Right	0mm	\	22.08	24.00	0.366	0.57	0.164	0.26	-0.18
1	Head	GSM1900	810	1909.8	GPRS(3TX)	Tilt Right	0mm	\	22.04	24.00	0.555	0.87	0.237	0.37	0.11
1	Head	GSM1900	661	1880	GPRS(3TX)	Tilt Right	0mm	\	22.08	24.00	0.618	0.96	0.260	0.40	-0.12
1	Head	GSM1900	512	1850.2	GPRS(3TX)	Tilt Right	0mm	FIG A.5	22.13	24.00	0.676	1.04	0.302	0.46	0.13
1	Body	GSM1900	661	1880	GPRS(2TX)	Front	10mm	\	26.42	28.00	0.211	0.30	0.120	0.17	0.19
1	Body	GSM1900	661	1880	GPRS(2TX)	Rear	10mm	\	26.42	28.00	0.333	0.48	0.188	0.27	-0.18
1	Body	GSM1900	661	1880	GPRS(2TX)	Left	10mm	\	26.42	28.00	0.054	0.08	0.034	0.05	0.07
1	Body	GSM1900	661	1880	GPRS(2TX)	Right	10mm	\	26.42	28.00	0.038	0.05	0.020	0.03	0.18
1	Body	GSM1900	810	1909.8	GPRS(2TX)	Top	10mm	\	26.43	28.00	0.525	0.75	0.287	0.41	0.14
1	Body	GSM1900	661	1880	GPRS(2TX)	Top	10mm	\	26.42	28.00	0.541	0.78	0.291	0.42	0.10
1	Body	GSM1900	512	1850.2	GPRS(2TX)	Top	10mm	FIG A.6	26.57	28.00	0.671	0.93	0.337	0.47	0.01

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	But Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 15g (W/kg)	Calculated SAR 15g (W/kg)	Power Df
0	Head	WCDMA 850	4233	846.6	RMC	Cheek Left	0mm	\	24.84	25.00	0.225	0.23	0.156	0.16	-0.09
0	Head	WCDMA 850	4183	836.6	RMC	Cheek Left	0mm	\	24.82	25.00	0.206	0.21	0.144	0.15	0.08
0	Head	WCDMA 850	4132	826.4	RMC	Cheek Left	0mm	\	24.77	25.00	0.174	0.18	0.123	0.13	0.02
0	Head	WCDMA 850	4183	836.6	RMC	Tilt Left	0mm	\	24.82	25.00	0.108	0.11	0.079	0.08	-0.13
0	Head	WCDMA 850	4183	836.6	RMC	Cheek Right	0mm	\	24.82	25.00	0.169	0.18	0.121	0.13	0.10
0	Head	WCDMA 850	4183	836.6	RMC	Tilt Right	0mm	\	24.82	25.00	0.099	0.10	0.074	0.08	0.15
0	Body	WCDMA 850	4233	846.6	RMC	Front	10mm	\	24.82	25.00	0.177	0.18	0.110	0.11	-0.08
0	Body	WCDMA 850	4233	846.6	RMC	Rear	10mm	\	24.84	25.00	0.339	0.35	0.204	0.21	0.19
0	Body	WCDMA 850	4183	836.6	RMC	Rear	10mm	\	24.82	25.00	0.303	0.32	0.184	0.19	0.05
0	Body	WCDMA 850	4132	826.4	RMC	Rear	10mm	\	24.77	25.00	0.268	0.28	0.163	0.17	0.04
0	Body	WCDMA 850	4233	846.6	RMC	Left	10mm	\	24.82	25.00	0.108	0.11	0.063	0.07	0.07
0	Body	WCDMA 850	4233	846.6	RMC	Right	10mm	\	24.82	25.00	0.085	0.09	0.057	0.06	-0.13
0	Body	WCDMA 850	4233	846.6	RMC	Bottom	10mm	\	24.82	25.00	0.225	0.23	0.123	0.13	0.04
1	Head	WCDMA 850	4183	836.6	RMC	Cheek Left	0mm	\	20.75	21.00	0.356	0.38	0.224	0.24	-0.01
1	Head	WCDMA 850	4183	836.6	RMC	Tilt Left	0mm	\	20.75	21.00	0.363	0.38	0.211	0.22	0.17
1	Head	WCDMA 850	4183	836.6	RMC	Cheek Right	0mm	\	20.75	21.00	0.343	0.36	0.212	0.22	-0.13
1	Head	WCDMA 850	4233	846.6	RMC	Tilt Right	0mm	\	20.78	21.00	0.370	0.39	0.200	0.21	-0.14
1	Head	WCDMA 850	4183	836.6	RMC	Tilt Right	0mm	\	20.75	21.00	0.396	0.42	0.213	0.23	0.11
1	Head	WCDMA 850	4132	826.4	RMC	Tilt Right	0mm	FIG A.7	20.71	21.00	0.414	0.44	0.225	0.24	0.16
1	Body	WCDMA 850	4183	836.6	RMC	Front	10mm	\	24.79	25.00	0.290	0.30	0.182	0.19	-0.13
1	Body	WCDMA 850	4233	846.6	RMC	Rear	10mm	\	24.76	25.00	0.317	0.34	0.193	0.20	0.04
1	Body	WCDMA 850	4183	836.6	RMC	Rear	10mm	FIG A.8	24.79	25.00	0.356	0.37	0.217	0.23	-0.12
1	Body	WCDMA 850	4132	826.4	RMC	Rear	10mm	\	24.70	25.00	0.321	0.34	0.195	0.21	0.19
1	Body	WCDMA 850	4233	846.6	RMC	Left	10mm	\	24.79	25.00	0.202	0.21	0.120	0.13	-0.13
1	Body	WCDMA 850	4233	846.6	RMC	Right	10mm	\	24.79	25.00	0.108	0.11	0.071	0.07	0.03
1	Body	WCDMA 850	4233	846.6	RMC	Top	10mm	\	24.79	25.00	0.288	0.30	0.160	0.17	-0.01
0	Head	WCDMA 900	2863	912.6	RMC	Cheek Left	0mm	\	24.83	25.00	0.222	0.23	0.154	0.16	0.03
0	Head	WCDMA 900	2787	897.4	RMC	Cheek Left	0mm	\	24.96	25.00	0.239	0.24	0.169	0.17	-0.10
0	Head	WCDMA 900	2712	882.4	RMC	Cheek Left	0mm	\	24.91	25.00	0.212	0.22	0.146	0.15	-0.13
0	Head	WCDMA 900	2787	897.4	RMC	Tilt Left	0mm	\	24.96	25.00	0.126	0.13	0.091	0.09	-0.09
0	Head	WCDMA 900	2787	897.4	RMC	Cheek Right	0mm	\	24.96	25.00	0.193	0.19	0.140	0.14	0.18
0	Head	WCDMA 900	2787	897.4	RMC	Tilt Right	0mm	\	24.96	25.00	0.117	0.12	0.087	0.09	0.17
0	Body	WCDMA 900	2787	897.4	RMC	Front	10mm	\	24.96	25.00	0.229	0.23	0.141	0.14	-0.18
0	Body	WCDMA 900	2863	912.6	RMC	Rear	10mm	\	24.83	25.00	0.412	0.43	0.244	0.25	-0.15
0	Body	WCDMA 900	2787	897.4	RMC	Rear	10mm	FIG A.10	24.96	25.00	0.430	0.43	0.256	0.26	0.08
0	Body	WCDMA 900	2712	882.4	RMC	Rear	10mm	\	24.91	25.00	0.400	0.41	0.238	0.24	-0.01
0	Body	WCDMA 900	2787	897.4	RMC	Left	10mm	\	24.96	25.00	0.101	0.10	0.058	0.06	0.10
0	Body	WCDMA 900	2787	897.4	RMC	Right	10mm	\	24.96	25.00	0.047	0.05	0.030	0.03	0.03
0	Body	WCDMA 900	2787	897.4	RMC	Bottom	10mm	\	24.96	25.00	0.277	0.28	0.153	0.15	0.15
1	Head	WCDMA 900	2787	897.4	RMC	Cheek Left	0mm	\	21.49	21.50	0.464	0.47	0.304	0.30	-0.14
1	Head	WCDMA 900	2787	897.4	RMC	Tilt Left	0mm	\	21.49	21.50	0.489	0.49	0.300	0.30	0.19
1	Head	WCDMA 900	2787	897.4	RMC	Cheek Right	0mm	\	21.49	21.50	0.412	0.41	0.273	0.27	-0.18
1	Head	WCDMA 900	2863	912.6	RMC	Tilt Right	0mm	\	21.40	21.50	0.436	0.45	0.254	0.26	-0.07
1	Head	WCDMA 900	2787	897.4	RMC	Tilt Right	0mm	\	21.49	21.50	0.524	0.53	0.297	0.30	0.13
1	Head	WCDMA 900	2712	882.4	RMC	Tilt Right	0mm	FIG A.9	21.48	21.50	0.528	0.53	0.303	0.30	0.15
1	Body	WCDMA 900	2787	897.4	RMC	Front	10mm	\	24.96	25.00	0.361	0.36	0.225	0.23	-0.19
1	Body	WCDMA 900	2863	912.6	RMC	Rear	10mm	\	24.98	25.00	0.376	0.38	0.236	0.24	-0.07
1	Body	WCDMA 900	2787	897.4	RMC	Rear	10mm	\	24.96	25.00	0.427	0.43	0.265	0.27	0.09
1	Body	WCDMA 900	2712	882.4	RMC	Rear	10mm	\	24.95	25.00	0.375	0.38	0.235	0.24	0.19
1	Body	WCDMA 900	2787	897.4	RMC	Left	10mm	\	24.96	25.00	0.196	0.20	0.118	0.12	-0.14
1	Body	WCDMA 900	2787	897.4	RMC	Right	10mm	\	24.96	25.00	0.116	0.12	0.076	0.08	-0.14
1	Body	WCDMA 900	2787	897.4	RMC	Top	10mm	\	24.96	25.00	0.352	0.37	0.204	0.21	-0.06
0	Head	WCDMA 1700	1513	1752.6	RMC	Cheek Left	0mm	\	24.52	25.00	0.154	0.17	0.093	0.10	0.02
0	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Left	0mm	\	24.40	25.00	0.108	0.12	0.066	0.08	-0.11
0	Head	WCDMA 1700	1312	1712.4	RMC	Cheek Left	0mm	\	24.68	25.00	0.061	0.07	0.037	0.04	-0.02
0	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Left	0mm	\	24.40	25.00	0.047	0.05	0.030	0.03	0.16
0	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Right	0mm	\	24.40	25.00	0.065	0.07	0.042	0.05	-0.09
0	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Right	0mm	\	24.40	25.00	0.045	0.05	0.025	0.03	-0.04
0	Body	WCDMA 1700	1412	1732.4	RMC	Front	10mm	\	20.37	21.00	0.051	0.06	0.032	0.04	0.02
0	Body	WCDMA 1700	1513	1752.6	RMC	Rear	10mm	\	20.48	21.00	0.159	0.18	0.088	0.10	0.16
0	Body	WCDMA 1700	1412	1732.4	RMC	Rear	10mm	\	20.37	21.00	0.164	0.19	0.080	0.09	-0.19
0	Body	WCDMA 1700	1312	1712.4	RMC	Rear	10mm	\	20.61	21.00	0.219	0.24	0.101	0.11	0.09
0	Body	WCDMA 1700	1412	1732.4	RMC	Left	10mm	\	20.37	21.00	0.048	0.06	0.031	0.04	-0.05
0	Body	WCDMA 1700	1412	1732.4	RMC	Right	10mm	\	20.37	21.00	0.036	0.04	0.020	0.02	0.12
0	Body	WCDMA 1700	1412	1732.4	RMC	Bottom	10mm	\	20.37	21.00	0.162	0.19	0.079	0.09	0.13
1	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Left	0mm	\	15.19	16.00	0.203	0.24	0.107	0.13	0.11
1	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Left	0mm	\	15.19	16.00	0.335	0.40	0.166	0.20	-0.03
1	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Right	0mm	\	15.19	16.00	0.334	0.40	0.158	0.19	0.13
1	Head	WCDMA 1700	1513	1752.6	RMC	Tilt Right	0mm	\	15.14	16.00	0.519	0.63	0.233	0.28	0.13
1	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Right	0mm	\	15.19	16.00	0.585	0.68	0.257	0.31	-0.03
1	Head	WCDMA 1700	1312	1712.4	RMC	Tilt Right	0mm	FIG A.11	15.24	16.00	0.613	0.73	0.281	0.33	0.13
1	Body	WCDMA 1700	1412	1732.4	RMC	Front	10mm	\	18.54	19.50	0.226	0.28	0.120	0.15	0.08
1	Body	WCDMA 1700	1412	1732.4	RMC	Rear	10mm	\	18.54	19.50	0.330	0.41	0.176	0.22	-0.12
1	Body	WCDMA 1700	1412	1732.4	RMC	Left	10mm	\	18.54	19.50	0.058	0.07	0.033	0.04	0.01
1	Body	WCDMA 1700	1412	1732.4	RMC	Right	10mm	\	18.54	19.50	0.034	0.04	0.016	0.02	-0.17
1	Body	WCDMA 1700	1513	1752.6	RMC	Top	10mm	\	18.68	19.50	0.504	0.61	0.256	0.31	0.10
1	Body	WCDMA 1700	1412	1732.4	RMC	Top	10mm	\	18.54	19.50	0.496	0.62	0.252	0.31	-0.08
1	Body	WCDMA 1700	1312	1712.4	RMC	Top	10mm	FIG A.12	18.73	19.50	0.558	0.67	0.284	0.34	0.01
0	Head	WCDMA 1900	9538	1907.6	RMC	Cheek Left	0mm	\	23.91	24.80	0.139	0.17	0.084	0.10	-0.19
0	Head	WCDMA 1900	9400	1880	RMC	Cheek Left	0mm	\	23.97	24.80	0.149	0.18	0.090	0.11	-0.07
0	Head	WCDMA 1900	9262	1852.4	RMC	Cheek Left	0mm	\	24.05	24.80	0.135	0.16	0.082	0.10	-0.13
0	Head	WCDMA 1900	9400	1880	RMC	Tilt Left	0mm	\	23.97	24.80	0.057	0.07	0.034	0.04	0.10
0	Head	WCDMA 1900	9400	1880	RMC	Cheek Right	0mm	\	23.97	24.80	0.088	0.11	0.053	0.06	0.04
0	Head	WCDMA 1900	9400	1880	RMC	Tilt Right	0mm	\	23.97	24.80	0.067	0.08	0.041	0.05	-0.01
0	Body	WCDMA 1900	9400	1880	RMC	Front	10mm	\	22.01	22.80	0.271	0.33	0.170	0.20	0.09
0	Body	WCDMA 1900	9400	1880	RMC	Rear	10mm								

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	ELT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	LTE Band2	18900	1880	1RB-Middle	Cheek Left	0mm	\	23.88	24.30	0.136	0.15	0.081	0.09	0.17
0	Head	LTE Band2	18900	1880	1RB-Middle	Tilt Left	0mm	\	23.88	24.30	0.054	0.06	0.031	0.03	0.14
0	Head	LTE Band2	18900	1880	1RB-Middle	Cheek Right	0mm	\	23.88	24.30	0.081	0.09	0.050	0.06	-0.11
0	Head	LTE Band2	18900	1880	1RB-Middle	Tilt Right	0mm	\	23.88	24.30	0.057	0.06	0.037	0.04	0.11
0	Head	LTE Band2	18700	1860	50RB-High	Cheek Left	0mm	\	22.92	23.30	0.106	0.12	0.064	0.07	-0.15
0	Head	LTE Band2	18700	1860	50RB-High	Tilt Left	0mm	\	22.92	23.30	0.040	0.04	0.025	0.03	-0.01
0	Head	LTE Band2	18700	1860	50RB-High	Cheek Right	0mm	\	22.92	23.30	0.069	0.08	0.043	0.05	0.03
0	Head	LTE Band2	18700	1860	50RB-High	Tilt Right	0mm	\	22.92	23.30	0.049	0.05	0.028	0.03	-0.10
0	Body	LTE Band2	18700	1860	1RB-Middle	Front	10mm	\	22.28	22.80	0.287	0.32	0.175	0.20	0.10
0	Body	LTE Band2	18700	1860	1RB-Middle	Rear	10mm	\	22.28	22.80	0.478	0.54	0.296	0.33	-0.13
0	Body	LTE Band2	18700	1860	1RB-Middle	Left	10mm	\	22.28	22.80	0.055	0.06	0.029	0.03	0.18
0	Body	LTE Band2	18700	1860	1RB-Middle	Right	10mm	\	22.28	22.80	0.151	0.17	0.084	0.09	0.19
0	Body	LTE Band2	18700	1860	1RB-Middle	Bottom	10mm	FIG A.16	22.28	22.80	0.677	0.76	0.392	0.44	-0.04
0	Body	LTE Band2	18700	1860	50RB-High	Front	10mm	\	22.28	22.80	0.270	0.30	0.171	0.19	0.01
0	Body	LTE Band2	18700	1860	50RB-High	Rear	10mm	\	22.28	22.80	0.490	0.55	0.298	0.34	0.06
0	Body	LTE Band2	18700	1860	50RB-High	Left	10mm	\	22.28	22.80	0.039	0.04	0.019	0.02	0.13
0	Body	LTE Band2	18700	1860	50RB-High	Right	10mm	\	22.28	22.80	0.091	0.10	0.049	0.06	-0.14
0	Body	LTE Band2	18700	1860	50RB-High	Bottom	10mm	\	22.28	22.80	0.614	0.69	0.356	0.40	0.15
1	Head	LTE Band2	18900	1880	1RB-Middle	Cheek Left	0mm	\	17.62	18.30	0.329	0.38	0.159	0.19	-0.19
1	Head	LTE Band2	18900	1880	1RB-Middle	Tilt Left	0mm	\	17.62	18.30	0.484	0.57	0.225	0.26	0.17
1	Head	LTE Band2	18900	1880	1RB-Middle	Cheek Right	0mm	\	17.62	18.30	0.385	0.45	0.177	0.21	-0.10
1	Head	LTE Band2	18900	1880	1RB-Middle	Tilt Right	0mm	FIG A.15	17.62	18.30	0.660	0.77	0.295	0.35	0.01
1	Head	LTE Band2	18700	1860	50RB-High	Cheek Left	0mm	\	17.55	18.30	0.303	0.36	0.149	0.18	0.08
1	Head	LTE Band2	18700	1860	50RB-High	Tilt Left	0mm	\	17.55	18.30	0.475	0.56	0.220	0.26	-0.19
1	Head	LTE Band2	18700	1860	50RB-High	Cheek Right	0mm	\	17.55	18.30	0.402	0.48	0.181	0.22	0.01
1	Head	LTE Band2	18700	1860	50RB-High	Tilt Right	0mm	\	17.55	18.30	0.643	0.76	0.287	0.34	-0.04
1	Body	LTE Band2	18900	1880	1RB-Middle	Front	10mm	\	20.53	21.30	0.218	0.26	0.122	0.15	-0.01
1	Body	LTE Band2	18900	1880	1RB-Middle	Rear	10mm	\	20.53	21.30	0.329	0.39	0.181	0.22	-0.17
1	Body	LTE Band2	18900	1880	1RB-Middle	Left	10mm	\	20.53	21.30	0.057	0.07	0.035	0.04	0.02
1	Body	LTE Band2	18900	1880	1RB-Middle	Right	10mm	\	20.53	21.30	0.028	0.03	0.015	0.02	-0.16
1	Body	LTE Band2	18900	1880	1RB-Middle	Top	10mm	\	20.53	21.30	0.613	0.73	0.309	0.37	-0.14
1	Body	LTE Band2	18700	1860	50RB-High	Front	10mm	\	20.54	21.30	0.226	0.27	0.125	0.15	0.15
1	Body	LTE Band2	18700	1860	50RB-High	Rear	10mm	\	20.54	21.30	0.379	0.45	0.205	0.24	0.04
1	Body	LTE Band2	18700	1860	50RB-High	Left	10mm	\	20.54	21.30	0.053	0.06	0.032	0.04	-0.12
1	Body	LTE Band2	18700	1860	50RB-High	Right	10mm	\	20.54	21.30	0.026	0.03	0.011	0.01	0.02
1	Body	LTE Band2	18700	1860	50RB-High	Top	10mm	\	20.54	21.30	0.601	0.72	0.310	0.37	0.18
0	Head	LTE Band4	20050	1720	1RB-High	Cheek Left	0mm	\	24.01	25.00	0.101	0.13	0.062	0.08	-0.11
0	Head	LTE Band4	20050	1720	1RB-High	Tilt Left	0mm	\	24.01	25.00	0.051	0.06	0.030	0.04	-0.03
0	Head	LTE Band4	20050	1720	1RB-High	Cheek Right	0mm	\	24.01	25.00	0.082	0.08	0.040	0.05	-0.13
0	Head	LTE Band4	20050	1720	1RB-High	Tilt Right	0mm	\	24.01	25.00	0.045	0.06	0.027	0.03	0.05
0	Head	LTE Band4	20050	1720	50RB-Low	Cheek Left	0mm	\	23.00	24.00	0.044	0.06	0.026	0.03	0.17
0	Head	LTE Band4	20050	1720	50RB-Low	Tilt Left	0mm	\	23.00	24.00	0.036	0.05	0.022	0.03	-0.02
0	Head	LTE Band4	20050	1720	50RB-Low	Cheek Right	0mm	\	23.00	24.00	0.029	0.04	0.015	0.02	-0.17
0	Head	LTE Band4	20050	1720	50RB-Low	Tilt Right	0mm	\	23.00	24.00	0.022	0.03	0.010	0.01	-0.19
0	Body	LTE Band4	20050	1720	1RB-High	Front	10mm	\	20.26	21.50	0.062	0.08	0.035	0.05	0.19
0	Body	LTE Band4	20050	1720	1RB-High	Rear	10mm	\	20.26	21.50	0.136	0.18	0.060	0.08	-0.06
0	Body	LTE Band4	20050	1720	1RB-High	Left	10mm	\	20.26	21.50	0.039	0.05	0.023	0.03	-0.09
0	Body	LTE Band4	20050	1720	1RB-High	Right	10mm	\	20.26	21.50	0.065	0.09	0.040	0.05	-0.18
0	Body	LTE Band4	20050	1720	1RB-High	Bottom	10mm	\	20.26	21.50	0.187	0.25	0.094	0.13	0.08
0	Body	LTE Band4	20050	1720	50RB-Middle	Front	10mm	\	20.22	21.50	0.039	0.05	0.024	0.03	-0.04
0	Body	LTE Band4	20050	1720	50RB-Middle	Rear	10mm	\	20.22	21.50	0.164	0.22	0.069	0.09	0.09
0	Body	LTE Band4	20050	1720	50RB-Middle	Left	10mm	\	20.22	21.50	0.040	0.05	0.024	0.03	-0.06
0	Body	LTE Band4	20050	1720	50RB-Middle	Right	10mm	\	20.22	21.50	0.047	0.06	0.036	0.05	-0.13
0	Body	LTE Band4	20050	1720	50RB-Middle	Bottom	10mm	\	20.22	21.50	0.107	0.14	0.054	0.07	-0.13
1	Head	LTE Band4	20050	1720	1RB-Middle	Cheek Left	0mm	\	16.54	17.00	0.265	0.29	0.147	0.16	-0.01
1	Head	LTE Band4	20050	1720	1RB-Middle	Tilt Left	0mm	\	16.54	17.00	0.407	0.45	0.205	0.23	0.11
1	Head	LTE Band4	20050	1720	1RB-Middle	Cheek Right	0mm	\	16.54	17.00	0.413	0.46	0.203	0.23	0.19
1	Head	LTE Band4	20050	1720	1RB-Middle	Tilt Right	0mm	FIG A.17	16.54	17.00	0.655	0.73	0.300	0.33	0.05
1	Head	LTE Band4	20050	1720	50RB-Middle	Cheek Left	0mm	\	16.56	17.00	0.187	0.21	0.106	0.12	-0.11
1	Head	LTE Band4	20050	1720	50RB-Middle	Tilt Left	0mm	\	16.56	17.00	0.408	0.45	0.205	0.23	0.13
1	Head	LTE Band4	20050	1720	50RB-Middle	Cheek Right	0mm	\	16.56	17.00	0.413	0.46	0.202	0.22	-0.12
1	Head	LTE Band4	20050	1720	50RB-Middle	Tilt Right	0mm	\	16.56	17.00	0.654	0.72	0.300	0.33	0.07
1	Body	LTE Band4	20050	1720	1RB-High	Front	10mm	\	20.57	21.00	0.311	0.34	0.163	0.18	0.05
1	Body	LTE Band4	20050	1720	1RB-High	Rear	10mm	\	20.57	21.00	0.416	0.46	0.229	0.25	-0.04
1	Body	LTE Band4	20050	1720	1RB-High	Left	10mm	\	20.57	21.00	0.066	0.07	0.038	0.04	0.04
1	Body	LTE Band4	20050	1720	1RB-High	Right	10mm	\	20.57	21.00	0.037	0.04	0.023	0.03	-0.07
1	Body	LTE Band4	20050	1720	1RB-High	Top	10mm	\	20.57	21.00	0.615	0.68	0.308	0.34	0.13
1	Body	LTE Band4	20050	1720	50RB-Low	Front	10mm	\	20.60	21.00	0.338	0.37	0.176	0.19	0.16
1	Body	LTE Band4	20050	1720	50RB-Low	Rear	10mm	\	20.60	21.00	0.416	0.46	0.227	0.25	-0.18
1	Body	LTE Band4	20050	1720	50RB-Low	Left	10mm	\	20.60	21.00	0.061	0.07	0.036	0.04	-0.01
1	Body	LTE Band4	20050	1720	50RB-Low	Right	10mm	\	20.60	21.00	0.040	0.04	0.023	0.03	-0.19
1	Body	LTE Band4	20050	1720	50RB-Low	Top	10mm	FIG A.18	20.60	21.00	0.629	0.69	0.321	0.35	0.05
4	Head	LTE Band4	20050	1720	1RB-Middle	Cheek Left	0mm	\	23.44	24.30	0.076	0.09	0.049	0.06	0.02
4	Head	LTE Band4	20050	1720	1RB-Middle	Tilt Left	0mm	\	23.44	24.30	0.039	0.05	0.017	0.02	-0.01
4	Head	LTE Band4	20050	1720	1RB-Middle	Cheek Right	0mm	\	23.44	24.30	0.144	0.18	0.087	0.11	-0.09
4	Head	LTE Band4	20050	1720	1RB-Middle	Tilt Right	0mm	\	23.44	24.30	0.086	0.10	0.046	0.06	0.17
4	Head	LTE Band4	20050	1720	50RB-Middle	Cheek Left	0mm	\	22.39	23.30	0.055	0.07	0.035	0.04	-0.01
4	Head	LTE Band4	20050	1720	50RB-Middle	Tilt Left	0mm	\	22.39	23.30	0.033	0.04	0.015	0.02	0.13
4	Head	LTE Band4	20050	1720	50RB-Middle	Cheek Right	0mm	\	22.39	23.30	0.116	0.14	0.071	0.09	0.17
4	Head	LTE Band4	20050	1720	50RB-Middle	Tilt Right	0mm	\	22.39	23.30	0.074	0.09	0.040	0.05	-0.06
4	Body	LTE Band4	20050	1720	1RB-High	Front	10mm	\	23.44	24.30	0.051	0.06	0.031	0.04	-0.15
4	Body	LTE Band4	20050	1720	1RB-High	Rear	10mm	\	23.44	24.30	0.214	0.26	0.118	0.14	-0.05
4	Body	LTE Band4	20050	1720	1RB-High	Left	10mm	\	23.44	24.30	0.177	0.22	0.099	0.12	0.04
4	Body	LTE Band4	20050	1720	1RB-High	Top	10mm	\	23.44	24.30	0.033	0.04	0.019	0.02	-0.07
4	Body	LTE Band4	20050	1720	50RB-Low	Front	10mm	\	22.39	23.30	0.038	0.05	0.023	0.03	0.12
4	Body	LTE Band4	20050	1720	50RB-Low	Rear	10mm	\	22.39	23.30	0.148	0.18	0.082	0.10	0.13
4	Body	LTE Band4	20050												

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	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 Df
0	Head	LTE Band5	20450	829	1RB-High	Cheek Left	0mm	\	24.26	25.00	0.177	0.21	0.125	0.15	-0.12
0	Head	LTE Band5	20450	829	1RB-High	Tilt Left	0mm	\	24.26	25.00	0.087	0.10	0.065	0.08	-0.07
0	Head	LTE Band5	20450	829	1RB-High	Cheek Right	0mm	\	24.26	25.00	0.144	0.17	0.104	0.12	0.18
0	Head	LTE Band5	20450	829	1RB-High	Tilt Right	0mm	\	24.26	25.00	0.085	0.10	0.064	0.08	0.02
0	Head	LTE Band5	20450	829	25RB-Low	Cheek Left	0mm	\	23.23	24.00	0.123	0.15	0.086	0.10	0.17
0	Head	LTE Band5	20450	829	25RB-Low	Tilt Left	0mm	\	23.23	24.00	0.065	0.08	0.048	0.06	-0.15
0	Head	LTE Band5	20450	829	25RB-Low	Cheek Right	0mm	\	23.23	24.00	0.108	0.13	0.078	0.09	0.14
0	Head	LTE Band5	20450	829	25RB-Low	Tilt Right	0mm	\	23.23	24.00	0.061	0.07	0.045	0.05	-0.05
0	Body	LTE Band5	20450	829	1RB-High	Front	10mm	\	24.26	25.00	0.180	0.21	0.127	0.15	0.14
0	Body	LTE Band5	20450	829	1RB-High	Rear	10mm	FIG A.20	24.26	25.00	0.349	0.41	0.204	0.24	-0.08
0	Body	LTE Band5	20450	829	1RB-High	Left	10mm	\	24.26	25.00	0.100	0.12	0.066	0.08	-0.01
0	Body	LTE Band5	20450	829	1RB-High	Right	10mm	\	24.26	25.00	0.070	0.08	0.044	0.05	0.17
0	Body	LTE Band5	20450	829	1RB-High	Bottom	10mm	\	24.26	25.00	0.238	0.28	0.124	0.15	0.13
0	Body	LTE Band5	20450	829	25RB-Low	Front	10mm	\	23.23	24.00	0.138	0.16	0.083	0.10	-0.05
0	Body	LTE Band5	20450	829	25RB-Low	Rear	10mm	\	23.23	24.00	0.252	0.30	0.148	0.18	-0.03
0	Body	LTE Band5	20450	829	25RB-Low	Left	10mm	\	23.23	24.00	0.097	0.12	0.064	0.08	0.09
0	Body	LTE Band5	20450	829	25RB-Low	Right	10mm	\	23.23	24.00	0.065	0.08	0.041	0.05	-0.06
0	Body	LTE Band5	20450	829	25RB-Low	Bottom	10mm	\	23.23	24.00	0.154	0.18	0.084	0.10	-0.08
1	Head	LTE Band5	20450	829	1RB-High	Cheek Left	0mm	\	21.66	22.50	0.337	0.41	0.239	0.29	0.08
1	Head	LTE Band5	20450	829	1RB-High	Tilt Left	0mm	\	21.66	22.50	0.351	0.43	0.225	0.27	-0.03
1	Head	LTE Band5	20450	829	1RB-High	Cheek Right	0mm	\	21.66	22.50	0.356	0.43	0.243	0.29	-0.09
1	Head	LTE Band5	20450	829	1RB-High	Tilt Right	0mm	FIG A.19	21.66	22.50	0.423	0.51	0.251	0.30	-0.15
1	Head	LTE Band5	20600	844	25RB-Low	Cheek Left	0mm	\	21.66	22.50	0.287	0.35	0.207	0.25	0.13
1	Head	LTE Band5	20600	844	25RB-Low	Tilt Left	0mm	\	21.66	22.50	0.351	0.43	0.225	0.27	-0.15
1	Head	LTE Band5	20600	844	25RB-Low	Cheek Right	0mm	\	21.66	22.50	0.373	0.45	0.254	0.31	0.16
1	Head	LTE Band5	20600	844	25RB-Low	Tilt Right	0mm	\	21.66	22.50	0.414	0.50	0.246	0.30	-0.08
1	Body	LTE Band5	20600	844	1RB-Low	Front	10mm	\	24.10	25.00	0.251	0.31	0.160	0.20	-0.13
1	Body	LTE Band5	20600	844	1RB-Low	Rear	10mm	\	24.10	25.00	0.300	0.37	0.183	0.23	0.02
1	Body	LTE Band5	20600	844	1RB-Low	Left	10mm	\	24.10	25.00	0.136	0.17	0.081	0.10	0.18
1	Body	LTE Band5	20600	844	1RB-Low	Right	10mm	\	24.10	25.00	0.119	0.15	0.081	0.10	-0.02
1	Body	LTE Band5	20600	844	1RB-Low	Top	10mm	\	24.10	25.00	0.257	0.32	0.144	0.18	-0.10
1	Body	LTE Band5	20600	844	25RB-Low	Front	10mm	\	23.03	24.00	0.198	0.25	0.124	0.16	0.08
1	Body	LTE Band5	20600	844	25RB-Low	Rear	10mm	\	23.03	24.00	0.225	0.28	0.141	0.18	0.04
1	Body	LTE Band5	20600	844	25RB-Low	Left	10mm	\	23.03	24.00	0.090	0.11	0.053	0.07	0.10
1	Body	LTE Band5	20600	844	25RB-Low	Right	10mm	\	23.03	24.00	0.098	0.12	0.067	0.08	0.04
1	Body	LTE Band5	20600	844	25RB-Low	Top	10mm	\	23.03	24.00	0.214	0.27	0.112	0.14	0.12
0	Head	LTE Band7	20850	2510	1RB-Middle	Cheek Left	0mm	\	24.41	25.00	0.187	0.21	0.115	0.13	0.09
0	Head	LTE Band7	20850	2510	1RB-Middle	Tilt Left	0mm	\	24.41	25.00	0.170	0.19	0.095	0.11	-0.07
0	Head	LTE Band7	20850	2510	1RB-Middle	Cheek Right	0mm	\	24.41	25.00	0.438	0.50	0.247	0.28	0.13
0	Head	LTE Band7	20850	2510	1RB-Middle	Tilt Right	0mm	\	24.41	25.00	0.220	0.25	0.118	0.14	-0.03
0	Head	LTE Band7	20850	2510	50RB-High	Cheek Left	0mm	\	23.45	24.00	0.170	0.19	0.104	0.12	0.14
0	Head	LTE Band7	20850	2510	50RB-High	Tilt Left	0mm	\	23.45	24.00	0.162	0.18	0.090	0.10	0.06
0	Head	LTE Band7	20850	2510	50RB-High	Cheek Right	0mm	\	23.45	24.00	0.396	0.45	0.223	0.25	0.08
0	Head	LTE Band7	20850	2510	50RB-High	Tilt Right	0mm	\	23.45	24.00	0.202	0.23	0.109	0.12	0.01
0	Body	LTE Band7	20850	2510	1RB-High	Front	10mm	\	21.81	22.50	0.399	0.47	0.225	0.26	0.12
0	Body	LTE Band7	21350	2560	1RB-High	Rear	10mm	\	21.67	22.50	0.648	0.78	0.326	0.39	0.11
0	Body	LTE Band7	21100	2535	1RB-Middle	Rear	10mm	\	21.64	22.50	0.651	0.79	0.333	0.41	-0.18
0	Body	LTE Band7	20850	2510	1RB-High	Rear	10mm	\	21.81	22.50	0.687	0.81	0.367	0.43	-0.12
0	Body	LTE Band7	20850	2510	1RB-High	Left	10mm	\	21.81	22.50	0.071	0.08	0.051	0.06	0.18
0	Body	LTE Band7	20850	2510	1RB-High	Right	10mm	\	21.81	22.50	0.281	0.33	0.158	0.19	-0.15
0	Body	LTE Band7	20850	2510	1RB-High	Bottom	10mm	\	21.81	22.50	0.336	0.39	0.166	0.19	-0.12
0	Body	LTE Band7	20850	2510	50RB-High	Front	10mm	\	21.83	22.50	0.420	0.49	0.242	0.28	-0.10
0	Body	LTE Band7	21350	2560	50RB-Middle	Rear	10mm	\	21.63	22.50	0.659	0.81	0.362	0.44	0.07
0	Body	LTE Band7	21100	2535	50RB-Middle	Rear	10mm	\	21.68	22.50	0.661	0.80	0.364	0.44	-0.09
0	Body	LTE Band7	20850	2510	50RB-High	Rear	10mm	\	21.83	22.50	0.706	0.82	0.380	0.44	0.16
0	Body	LTE Band7	20850	2510	50RB-High	Left	10mm	\	21.83	22.50	0.058	0.07	0.039	0.05	0.11
0	Body	LTE Band7	20850	2510	50RB-High	Right	10mm	\	21.83	22.50	0.307	0.36	0.175	0.20	-0.19
0	Body	LTE Band7	20850	2510	50RB-High	Bottom	10mm	\	21.83	22.50	0.375	0.44	0.181	0.21	-0.12
0	Body	LTE Band7	21100	2535	100RB	Rear	10mm	\	21.56	22.50	0.619	0.77	0.302	0.37	-0.17
1	Head	LTE Band7	21350	2560	1RB-High	Cheek Left	0mm	\	15.78	16.50	0.168	0.20	0.070	0.08	0.13
1	Head	LTE Band7	21350	2560	1RB-High	Tilt Left	0mm	\	15.78	16.50	0.244	0.29	0.096	0.11	-0.14
1	Head	LTE Band7	21350	2560	1RB-High	Cheek Right	0mm	\	15.78	16.50	0.343	0.40	0.016	0.02	0.08
1	Head	LTE Band7	21350	2560	1RB-High	Tilt Right	0mm	FIG A.21	15.78	16.50	0.661	0.78	0.263	0.31	0.15
1	Head	LTE Band7	21350	2560	50RB-High	Cheek Left	0mm	\	15.72	16.50	0.138	0.17	0.058	0.07	-0.19
1	Head	LTE Band7	21350	2560	50RB-High	Tilt Left	0mm	\	15.72	16.50	0.243	0.29	0.095	0.11	-0.04
1	Head	LTE Band7	21350	2560	50RB-High	Cheek Right	0mm	\	15.72	16.50	0.370	0.44	0.164	0.20	-0.15
1	Head	LTE Band7	21350	2560	50RB-High	Tilt Right	0mm	\	15.72	16.50	0.637	0.76	0.243	0.29	0.19
1	Body	LTE Band7	21350	2560	1RB-High	Front	10mm	\	19.74	20.50	0.272	0.32	0.135	0.16	-0.05
1	Body	LTE Band7	21350	2560	1RB-High	Rear	10mm	\	19.74	20.50	0.586	0.70	0.288	0.34	-0.19
1	Body	LTE Band7	21350	2560	1RB-High	Left	10mm	\	19.74	20.50	0.258	0.31	0.128	0.15	-0.16
1	Body	LTE Band7	21350	2560	1RB-High	Right	10mm	\	19.74	20.50	0.045	0.05	0.021	0.03	0.11
1	Body	LTE Band7	21350	2560	1RB-High	Top	10mm	\	19.74	20.50	0.639	0.76	0.288	0.34	0.08
1	Body	LTE Band7	21350	2560	50RB-High	Front	10mm	\	19.70	20.50	0.257	0.31	0.135	0.16	-0.04
1	Body	LTE Band7	21350	2560	50RB-High	Rear	10mm	\	19.70	20.50	0.628	0.76	0.285	0.34	0.16
1	Body	LTE Band7	21350	2560	50RB-High	Left	10mm	\	19.70	20.50	0.265	0.32	0.134	0.16	-0.10
1	Body	LTE Band7	21350	2560	50RB-High	Right	10mm	\	19.70	20.50	0.038	0.05	0.018	0.02	-0.11
1	Body	LTE Band7	21350	2560	50RB-High	Top	10mm	FIG A.22	19.70	20.50	0.732	0.88	0.313	0.38	-0.07
1	Body	LTE Band7	21100	2535	50RB-High	Top	10mm	\	19.62	20.50	0.675	0.83	0.282	0.35	0.18
1	Body	LTE Band7	20850	2510	50RB-High	Top	10mm	\	19.65	20.50	0.697	0.85	0.302	0.37	0.09
1	Body	LTE Band7	21350	2560	100RB	Top	10mm	\	19.66	20.50	0.633	0.77	0.285	0.35	-0.06
4	Head	LTE Band7	20850	2510	1RB-Middle	Cheek Left	0mm	\	23.22	24.00	0.228	0.27	0.153	0.18	0.08
4	Head	LTE Band7	20850	2510	1RB-Middle	Tilt Left	0mm	\	23.22	24.00	0.094	0.11	0.056	0.07	-0.02
4	Head	LTE Band7	20850	2510	1RB-Middle	Cheek Right	0mm	\	23.22	24.00	0.416	0.50	0.259	0.31	-0.09
4	Head	LTE Band7	20850	2510	1RB-Middle	Tilt Right	0mm	\	23.22	24.00	0.308	0.37	0.165	0.20	-0.09
4	Head	LTE Band7	20850	2510	50RB-High	Cheek Left	0mm	\	22.18	23.00	0.214	0.26	0.143	0.17	0.14
4	Head	LTE Band7	20850	2510	50RB-High	Tilt Left	0mm	\	22.18	23.00	0.087	0.11	0.052	0.06	0.09
4	Head	LTE Band7	20850	2510	50RB-High	Cheek Right	0mm	\							

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Df
0	Head	LTE Band8	21500	885	1RB-High	Cheek Left	0mm	\	24.52	25.00	0.199	0.199	0.143	0.16	-0.11
0	Head	LTE Band8	21500	885	1RB-High	Tilt Left	0mm	\	24.52	25.00	0.104	0.12	0.076	0.08	-0.08
0	Head	LTE Band8	21500	885	1RB-High	Cheek Right	0mm	\	24.52	25.00	0.188	0.21	0.134	0.15	-0.06
0	Head	LTE Band8	21500	885	1RB-High	Tilt Right	0mm	\	24.52	25.00	0.097	0.11	0.073	0.08	0.17
0	Head	LTE Band8	21500	885	25RB-Low	Cheek Left	0mm	\	23.50	24.00	0.141	0.16	0.103	0.12	0.11
0	Head	LTE Band8	21500	885	25RB-Low	Tilt Left	0mm	\	23.50	24.00	0.076	0.09	0.055	0.06	-0.09
0	Head	LTE Band8	21500	885	25RB-Low	Cheek Right	0mm	\	23.50	24.00	0.148	0.17	0.106	0.12	-0.12
0	Head	LTE Band8	21500	885	25RB-Low	Tilt Right	0mm	\	23.50	24.00	0.070	0.08	0.053	0.06	-0.01
0	Body	LTE Band8	21500	885	1RB-High	Front	10mm	\	24.52	25.00	0.195	0.22	0.120	0.13	0.15
0	Body	LTE Band8	21500	885	1RB-High	Rear	10mm	\	24.52	25.00	0.241	0.27	0.152	0.17	0.01
0	Body	LTE Band8	21500	885	1RB-High	Left	10mm	\	24.52	25.00	0.094	0.10	0.054	0.06	-0.14
0	Body	LTE Band8	21500	885	1RB-High	Right	10mm	\	24.52	25.00	0.062	0.07	0.041	0.05	0.05
0	Body	LTE Band8	21500	885	1RB-High	Bottom	10mm	\	24.52	25.00	0.194	0.22	0.104	0.12	-0.10
0	Body	LTE Band8	21500	885	25RB-Low	Front	10mm	\	23.50	24.00	0.113	0.13	0.089	0.10	-0.11
0	Body	LTE Band8	21500	885	25RB-Low	Rear	10mm	\	23.50	24.00	0.237	0.27	0.144	0.16	0.14
0	Body	LTE Band8	21500	885	25RB-Low	Left	10mm	\	23.50	24.00	0.083	0.09	0.049	0.05	0.18
0	Body	LTE Band8	21500	885	25RB-Low	Right	10mm	\	23.50	24.00	0.064	0.07	0.042	0.05	-0.14
0	Body	LTE Band8	21500	885	25RB-Low	Bottom	10mm	\	23.50	24.00	0.122	0.14	0.070	0.08	-0.13
1	Head	LTE Band8	21500	885	1RB-Low	Cheek Left	0mm	\	21.35	22.00	0.400	0.46	0.265	0.31	-0.09
1	Head	LTE Band8	21500	885	1RB-Low	Tilt Left	0mm	\	21.35	22.00	0.478	0.56	0.292	0.34	-0.10
1	Head	LTE Band8	21500	885	1RB-Low	Cheek Right	0mm	\	21.35	22.00	0.428	0.50	0.277	0.32	0.02
1	Head	LTE Band8	21500	885	1RB-Low	Tilt Right	0mm	FIG A.23	21.35	22.00	0.513	0.60	0.294	0.34	0.12
1	Head	LTE Band8	21500	885	25RB-Low	Cheek Left	0mm	\	21.35	22.00	0.432	0.50	0.284	0.33	0.06
1	Head	LTE Band8	21500	885	25RB-Low	Tilt Left	0mm	\	21.35	22.00	0.458	0.53	0.280	0.33	-0.12
1	Head	LTE Band8	21500	885	25RB-Low	Cheek Right	0mm	\	21.35	22.00	0.401	0.47	0.260	0.30	-0.11
1	Head	LTE Band8	21500	885	25RB-Low	Tilt Right	0mm	\	21.35	22.00	0.492	0.57	0.280	0.33	-0.01
1	Body	LTE Band8	21500	885	1RB-Low	Front	10mm	\	24.54	25.00	0.260	0.29	0.164	0.18	-0.17
1	Body	LTE Band8	21500	885	1RB-Low	Rear	10mm	FIG A.24	24.54	25.00	0.275	0.31	0.172	0.19	0.01
1	Body	LTE Band8	21500	885	1RB-Low	Left	10mm	\	24.54	25.00	0.095	0.10	0.057	0.06	0.06
1	Body	LTE Band8	21500	885	1RB-Low	Right	10mm	\	24.54	25.00	0.094	0.10	0.061	0.07	0.02
1	Body	LTE Band8	21500	885	1RB-Low	Top	10mm	\	24.54	25.00	0.225	0.25	0.133	0.15	0.11
1	Body	LTE Band8	21500	885	25RB-Low	Front	10mm	\	23.41	24.00	0.186	0.21	0.118	0.14	0.19
1	Body	LTE Band8	21500	885	25RB-Low	Rear	10mm	\	23.41	24.00	0.188	0.22	0.120	0.14	0.09
1	Body	LTE Band8	21500	885	25RB-Low	Left	10mm	\	23.41	24.00	0.072	0.08	0.044	0.05	0.09
1	Body	LTE Band8	21500	885	25RB-Low	Right	10mm	\	23.41	24.00	0.070	0.08	0.045	0.05	0.07
1	Body	LTE Band8	21500	885	25RB-Low	Top	10mm	\	23.41	24.00	0.183	0.21	0.107	0.12	-0.18
0	Head	LTE Band12	23060	704	1RB-Low	Cheek Left	0mm	\	24.38	25.00	0.104	0.12	0.075	0.09	-0.14
0	Head	LTE Band12	23060	704	1RB-Low	Tilt Left	0mm	\	24.38	25.00	0.060	0.07	0.043	0.05	-0.07
0	Head	LTE Band12	23060	704	1RB-Low	Cheek Right	0mm	\	24.38	25.00	0.096	0.11	0.070	0.08	0.13
0	Head	LTE Band12	23060	704	1RB-Low	Tilt Right	0mm	\	24.38	25.00	0.059	0.07	0.045	0.05	0.16
0	Head	LTE Band12	23060	704	25RB-Low	Cheek Left	0mm	\	23.34	24.00	0.084	0.10	0.061	0.07	-0.11
0	Head	LTE Band12	23060	704	25RB-Low	Tilt Left	0mm	\	23.34	24.00	0.046	0.05	0.033	0.04	-0.14
0	Head	LTE Band12	23060	704	25RB-Low	Cheek Right	0mm	\	23.34	24.00	0.078	0.09	0.057	0.07	-0.02
0	Head	LTE Band12	23060	704	25RB-Low	Tilt Right	0mm	\	23.34	24.00	0.045	0.05	0.034	0.04	-0.03
0	Body	LTE Band12	23060	704	1RB-Low	Front	10mm	\	24.38	25.00	0.116	0.13	0.085	0.10	-0.16
0	Body	LTE Band12	23060	704	1RB-Low	Rear	10mm	\	24.38	25.00	0.186	0.21	0.145	0.17	0.05
0	Body	LTE Band12	23060	704	1RB-Low	Left	10mm	\	24.38	25.00	0.120	0.14	0.082	0.09	0.00
0	Body	LTE Band12	23060	704	1RB-Low	Right	10mm	\	24.38	25.00	0.071	0.08	0.048	0.06	-0.02
0	Body	LTE Band12	23060	704	1RB-Low	Bottom	10mm	\	24.38	25.00	0.069	0.08	0.037	0.04	-0.09
0	Body	LTE Band12	23060	704	25RB-Low	Front	10mm	\	23.34	24.00	0.090	0.10	0.066	0.08	0.18
0	Body	LTE Band12	23060	704	25RB-Low	Rear	10mm	\	23.34	24.00	0.140	0.16	0.100	0.12	-0.08
0	Body	LTE Band12	23060	704	25RB-Low	Left	10mm	\	23.34	24.00	0.081	0.10	0.061	0.07	0.16
0	Body	LTE Band12	23060	704	25RB-Low	Right	10mm	\	23.34	24.00	0.052	0.06	0.035	0.04	-0.01
0	Body	LTE Band12	23060	704	25RB-Low	Bottom	10mm	\	23.34	24.00	0.069	0.08	0.033	0.04	0.04
1	Head	LTE Band12	23060	704	1RB-Low	Cheek Left	0mm	\	22.68	23.50	0.348	0.42	0.222	0.27	0.01
1	Head	LTE Band12	23060	704	1RB-Low	Tilt Left	0mm	\	22.68	23.50	0.362	0.44	0.212	0.26	0.15
1	Head	LTE Band12	23060	704	1RB-Low	Cheek Right	0mm	\	22.68	23.50	0.373	0.45	0.234	0.28	-0.19
1	Head	LTE Band12	23060	704	1RB-Low	Tilt Right	0mm	FIG A.25	22.68	23.50	0.464	0.56	0.248	0.30	0.03
1	Head	LTE Band12	23060	704	25RB-Low	Cheek Left	0mm	\	22.62	23.50	0.268	0.33	0.179	0.22	-0.11
1	Head	LTE Band12	23060	704	25RB-Low	Tilt Left	0mm	\	22.62	23.50	0.356	0.44	0.209	0.26	-0.14
1	Head	LTE Band12	23060	704	25RB-Low	Cheek Right	0mm	\	22.62	23.50	0.379	0.46	0.236	0.29	-0.15
1	Head	LTE Band12	23060	704	25RB-Low	Tilt Right	0mm	\	22.62	23.50	0.453	0.55	0.239	0.29	-0.08
1	Body	LTE Band12	23060	704	1RB-Low	Front	10mm	\	24.11	25.00	0.153	0.19	0.117	0.14	0.15
1	Body	LTE Band12	23060	704	1RB-Low	Rear	10mm	FIG A.26	24.11	25.00	0.203	0.25	0.158	0.19	-0.04
1	Body	LTE Band12	23060	704	1RB-Low	Left	10mm	\	24.11	25.00	0.100	0.12	0.075	0.09	0.18
1	Body	LTE Band12	23060	704	1RB-Low	Right	10mm	\	24.11	25.00	0.094	0.12	0.071	0.09	0.11
1	Body	LTE Band12	23060	704	1RB-Low	Top	10mm	\	24.11	25.00	0.156	0.19	0.094	0.12	0.13
1	Body	LTE Band12	23060	704	25RB-Low	Front	10mm	\	23.12	24.00	0.129	0.16	0.098	0.12	-0.10
1	Body	LTE Band12	23060	704	25RB-Low	Rear	10mm	\	23.12	24.00	0.164	0.20	0.129	0.16	-0.19
1	Body	LTE Band12	23060	704	25RB-Low	Left	10mm	\	23.12	24.00	0.096	0.12	0.071	0.09	0.09
1	Body	LTE Band12	23060	704	25RB-Low	Right	10mm	\	23.12	24.00	0.090	0.11	0.068	0.08	0.09
1	Body	LTE Band12	23060	704	25RB-Low	Top	10mm	\	23.12	24.00	0.130	0.16	0.078	0.10	-0.19
0	Head	LTE Band13	23230	782	1RB-High	Cheek Left	0mm	\	24.70	25.00	0.141	0.15	0.101	0.11	-0.09
0	Head	LTE Band13	23230	782	1RB-High	Tilt Left	0mm	\	24.70	25.00	0.084	0.09	0.061	0.07	0.09
0	Head	LTE Band13	23230	782	1RB-High	Cheek Right	0mm	\	24.70	25.00	0.111	0.12	0.081	0.09	0.12
0	Head	LTE Band13	23230	782	1RB-High	Tilt Right	0mm	\	24.70	25.00	0.066	0.07	0.050	0.05	0.17
0	Head	LTE Band13	23230	782	25RB-Low	Cheek Left	0mm	\	23.60	24.00	0.120	0.13	0.085	0.09	-0.15
0	Head	LTE Band13	23230	782	25RB-Low	Tilt Left	0mm	\	23.60	24.00	0.069	0.08	0.050	0.05	0.17
0	Head	LTE Band13	23230	782	25RB-Low	Cheek Right	0mm	\	23.60	24.00	0.095	0.10	0.069	0.08	-0.12
0	Head	LTE Band13	23230	782	25RB-Low	Tilt Right	0mm	\	23.60	24.00	0.057	0.06	0.042	0.05	0.08
0	Body	LTE Band13	23230	782	1RB-High	Front	10mm	\	24.70	25.00	0.152	0.16	0.134	0.14	0.06
0	Body	LTE Band13	23230	782	1RB-High	Rear	10mm	\	24.70	25.00	0.234	0.25	0.177	0.19	0.05
0	Body	LTE Band13	23230	782	1RB-High	Left	10mm	\	24.70	25.00	0.111	0.12	0.090	0.10	0.06
0	Body	LTE Band13	23230	782	1RB-High	Right	10mm	\	24.70	25.00	0.047	0.05	0.025	0.03	0.14
0	Body	LTE Band13	23230	782	1RB-High	Bottom	10mm	\	24.70	25.00	0.174	0.19	0.115	0.12	0.05
0	Body	LTE Band13	23230	782	25RB-Low	Front	10mm	\	23.60	24.00	0.122	0.13	0.107	0.12	-0.05
0	Body	LTE Band13	23230	782	25RB-Low	Rear	10mm	\							

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	LTE Band26	26965	841.5	1RB-High	Cheek Left	0mm	\	24.63	25.00	0.211	0.23	0.146	0.16	0.12
0	Head	LTE Band26	26965	841.5	1RB-High	Tilt Left	0mm	\	24.63	25.00	0.109	0.12	0.080	0.09	0.07
0	Head	LTE Band26	26965	841.5	1RB-High	Cheek Right	0mm	\	24.63	25.00	0.145	0.16	0.106	0.12	0.09
0	Head	LTE Band26	26965	841.5	1RB-High	Tilt Right	0mm	\	24.63	25.00	0.090	0.10	0.066	0.07	0.15
0	Head	LTE Band26	26965	841.5	36RB-High	Cheek Left	0mm	\	23.46	24.00	0.163	0.18	0.113	0.13	-0.09
0	Head	LTE Band26	26965	841.5	36RB-High	Tilt Left	0mm	\	23.46	24.00	0.086	0.10	0.062	0.07	0.17
0	Head	LTE Band26	26965	841.5	36RB-High	Cheek Right	0mm	\	23.46	24.00	0.119	0.13	0.087	0.10	0.16
0	Head	LTE Band26	26965	841.5	36RB-High	Tilt Right	0mm	\	23.46	24.00	0.070	0.08	0.052	0.06	0.03
0	Body	LTE Band26	26965	841.5	1RB-High	Front	10mm	\	24.63	25.00	0.131	0.14	0.083	0.09	-0.19
0	Body	LTE Band26	26965	841.5	1RB-High	Rear	10mm	\	24.63	25.00	0.255	0.28	0.155	0.17	-0.09
0	Body	LTE Band26	26965	841.5	1RB-High	Left	10mm	\	24.63	25.00	0.071	0.08	0.039	0.04	-0.09
0	Body	LTE Band26	26965	841.5	1RB-High	Right	10mm	\	24.63	25.00	0.076	0.08	0.050	0.05	-0.19
0	Body	LTE Band26	26965	841.5	1RB-High	Bottom	10mm	\	24.63	25.00	0.169	0.18	0.092	0.10	-0.15
0	Body	LTE Band26	26965	841.5	36RB-High	Front	10mm	\	23.46	24.00	0.104	0.12	0.065	0.07	-0.13
0	Body	LTE Band26	26965	841.5	36RB-High	Rear	10mm	\	23.46	24.00	0.195	0.22	0.119	0.13	-0.10
0	Body	LTE Band26	26965	841.5	36RB-High	Left	10mm	\	23.46	24.00	0.058	0.07	0.042	0.05	-0.08
0	Body	LTE Band26	26965	841.5	36RB-High	Right	10mm	\	23.46	24.00	0.041	0.05	0.028	0.03	0.12
0	Body	LTE Band26	26965	841.5	36RB-High	Bottom	10mm	\	23.46	24.00	0.123	0.14	0.071	0.08	0.13
1	Head	LTE Band26	26965	841.5	1RB-Low	Cheek Left	0mm	\	21.28	22.00	0.270	0.32	0.181	0.21	0.13
1	Head	LTE Band26	26965	841.5	1RB-Low	Tilt Left	0mm	\	21.28	22.00	0.298	0.35	0.180	0.21	0.05
1	Head	LTE Band26	26965	841.5	1RB-Low	Cheek Right	0mm	\	21.28	22.00	0.315	0.37	0.198	0.23	-0.12
1	Head	LTE Band26	26965	841.5	1RB-Low	Tilt Right	0mm	FIG A.29	21.28	22.00	0.400	0.47	0.224	0.26	0.19
1	Head	LTE Band26	26965	841.5	36RB-Middle	Cheek Left	0mm	\	21.24	22.00	0.304	0.36	0.202	0.24	0.14
1	Head	LTE Band26	26965	841.5	36RB-Middle	Tilt Left	0mm	\	21.24	22.00	0.313	0.37	0.188	0.22	0.17
1	Head	LTE Band26	26965	841.5	36RB-Middle	Cheek Right	0mm	\	21.24	22.00	0.313	0.37	0.202	0.24	0.13
1	Head	LTE Band26	26965	841.5	36RB-Middle	Tilt Right	0mm	\	21.24	22.00	0.373	0.44	0.208	0.25	0.17
1	Body	LTE Band26	26965	841.5	1RB-Low	Front	10mm	\	24.28	25.00	0.259	0.31	0.166	0.20	0.01
1	Body	LTE Band26	26965	841.5	1RB-Low	Rear	10mm	FIG A.30	24.28	25.00	0.306	0.36	0.187	0.22	-0.01
1	Body	LTE Band26	26965	841.5	1RB-Low	Left	10mm	\	24.28	25.00	0.167	0.20	0.101	0.12	-0.13
1	Body	LTE Band26	26965	841.5	1RB-Low	Right	10mm	\	24.28	25.00	0.128	0.15	0.085	0.10	0.11
1	Body	LTE Band26	26965	841.5	1RB-Low	Top	10mm	\	24.28	25.00	0.241	0.28	0.140	0.17	0.01
1	Body	LTE Band26	26965	841.5	36RB-High	Front	10mm	\	23.20	24.00	0.205	0.25	0.127	0.15	-0.18
1	Body	LTE Band26	26965	841.5	36RB-High	Rear	10mm	\	23.20	24.00	0.244	0.29	0.148	0.18	0.08
1	Body	LTE Band26	26965	841.5	36RB-High	Left	10mm	\	23.20	24.00	0.127	0.15	0.077	0.09	-0.16
1	Body	LTE Band26	26965	841.5	36RB-High	Right	10mm	\	23.20	24.00	0.108	0.13	0.073	0.09	0.15
1	Body	LTE Band26	26965	841.5	36RB-High	Top	10mm	\	23.20	24.00	0.188	0.23	0.109	0.13	-0.17
0	Head	LTE Band28	27460	728	1RB-Low	Cheek Left	0mm	\	24.57	25.00	0.121	0.13	0.086	0.09	0.04
0	Head	LTE Band28	27460	728	1RB-Low	Tilt Left	0mm	\	24.57	25.00	0.070	0.08	0.052	0.06	0.14
0	Head	LTE Band28	27460	728	1RB-Low	Cheek Right	0mm	\	24.57	25.00	0.102	0.11	0.075	0.08	0.03
0	Head	LTE Band28	27460	728	1RB-Low	Tilt Right	0mm	\	24.57	25.00	0.064	0.07	0.046	0.05	-0.19
0	Head	LTE Band28	27460	728	50RB-Low	Cheek Left	0mm	\	23.40	24.00	0.101	0.12	0.070	0.08	0.18
0	Head	LTE Band28	27460	728	50RB-Low	Tilt Left	0mm	\	23.40	24.00	0.057	0.07	0.042	0.05	0.02
0	Head	LTE Band28	27460	728	50RB-Low	Cheek Right	0mm	\	23.40	24.00	0.081	0.09	0.059	0.07	0.13
0	Head	LTE Band28	27460	728	50RB-Low	Tilt Right	0mm	\	23.40	24.00	0.051	0.06	0.037	0.04	-0.14
0	Body	LTE Band28	27460	728	1RB-Low	Front	10mm	\	24.57	25.00	0.106	0.12	0.067	0.07	-0.12
0	Body	LTE Band28	27460	728	1RB-Low	Rear	10mm	\	24.57	25.00	0.158	0.17	0.098	0.11	0.15
0	Body	LTE Band28	27460	728	1RB-Low	Left	10mm	\	24.57	25.00	0.085	0.09	0.048	0.05	-0.01
0	Body	LTE Band28	27460	728	1RB-Low	Right	10mm	\	24.57	25.00	0.090	0.10	0.051	0.06	-0.12
0	Body	LTE Band28	27460	728	1RB-Low	Bottom	10mm	\	24.57	25.00	0.076	0.08	0.034	0.04	0.12
0	Body	LTE Band28	27460	728	50RB-Low	Front	10mm	\	23.40	24.00	0.082	0.09	0.051	0.06	0.09
0	Body	LTE Band28	27460	728	50RB-Low	Rear	10mm	\	23.40	24.00	0.125	0.14	0.077	0.09	0.19
0	Body	LTE Band28	27460	728	50RB-Low	Left	10mm	\	23.40	24.00	0.104	0.12	0.058	0.07	-0.18
0	Body	LTE Band28	27460	728	50RB-Low	Right	10mm	\	23.40	24.00	0.038	0.04	0.020	0.02	-0.02
0	Body	LTE Band28	27460	728	50RB-Low	Bottom	10mm	\	23.40	24.00	0.069	0.08	0.030	0.03	0.11
1	Head	LTE Band28	27310	713	1RB-Low	Cheek Left	0mm	\	22.87	23.50	0.300	0.35	0.195	0.23	0.07
1	Head	LTE Band28	27310	713	1RB-Low	Tilt Left	0mm	\	22.87	23.50	0.318	0.37	0.189	0.22	-0.08
1	Head	LTE Band28	27310	713	1RB-Low	Cheek Right	0mm	\	22.87	23.50	0.303	0.35	0.197	0.23	-0.13
1	Head	LTE Band28	27310	713	1RB-Low	Tilt Right	0mm	FIG A.31	22.87	23.50	0.405	0.47	0.221	0.26	0.04
1	Head	LTE Band28	27310	713	50RB-Low	Cheek Left	0mm	\	22.97	23.50	0.258	0.29	0.174	0.20	0.08
1	Head	LTE Band28	27310	713	50RB-Low	Tilt Left	0mm	\	22.97	23.50	0.317	0.36	0.190	0.21	0.03
1	Head	LTE Band28	27310	713	50RB-Low	Cheek Right	0mm	\	22.97	23.50	0.337	0.38	0.215	0.24	-0.14
1	Head	LTE Band28	27310	713	50RB-Low	Tilt Right	0mm	\	22.97	23.50	0.403	0.46	0.220	0.25	0.14
1	Body	LTE Band28	27310	713	1RB-Low	Front	10mm	\	24.40	25.00	0.184	0.21	0.133	0.15	0.03
1	Body	LTE Band28	27310	713	1RB-Low	Rear	10mm	FIG A.32	24.40	25.00	0.214	0.25	0.160	0.18	-0.03
1	Body	LTE Band28	27310	713	1RB-Low	Left	10mm	\	24.40	25.00	0.128	0.15	0.093	0.11	-0.18
1	Body	LTE Band28	27310	713	1RB-Low	Right	10mm	\	24.40	25.00	0.130	0.15	0.093	0.11	-0.15
1	Body	LTE Band28	27310	713	1RB-Low	Top	10mm	\	24.40	25.00	0.171	0.20	0.109	0.13	-0.04
1	Body	LTE Band28	27310	713	50RB-Low	Front	10mm	\	23.29	24.00	0.147	0.17	0.104	0.12	-0.14
1	Body	LTE Band28	27310	713	50RB-Low	Rear	10mm	\	23.29	24.00	0.169	0.20	0.133	0.16	-0.10
1	Body	LTE Band28	27310	713	50RB-Low	Left	10mm	\	23.29	24.00	0.124	0.15	0.089	0.10	0.11
1	Body	LTE Band28	27310	713	50RB-Low	Right	10mm	\	23.29	24.00	0.110	0.13	0.079	0.09	0.18
1	Body	LTE Band28	27310	713	50RB-Low	Top	10mm	\	23.29	24.00	0.176	0.21	0.088	0.10	0.10

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	LTE Band38	38150	2610	1RB-Low	Cheek Left	0mm	\	24.39	25.00	0.170	0.20	0.093	0.11	-0.13
0	Head	LTE Band38	38150	2610	1RB-Low	Tilt Left	0mm	\	24.39	25.00	0.063	0.07	0.033	0.04	-0.04
0	Head	LTE Band38	38150	2610	1RB-Low	Cheek Right	0mm	\	24.39	25.00	0.268	0.30	0.138	0.16	-0.17
0	Head	LTE Band38	38150	2610	1RB-Low	Tilt Right	0mm	\	24.39	25.00	0.108	0.12	0.054	0.06	0.07
0	Head	LTE Band38	38150	2610	50RB-High	Cheek Left	0mm	\	23.57	24.00	0.102	0.11	0.056	0.06	-0.03
0	Head	LTE Band38	38150	2610	50RB-High	Tilt Left	0mm	\	23.57	24.00	0.056	0.06	0.030	0.03	0.03
0	Head	LTE Band38	38150	2610	50RB-High	Cheek Right	0mm	\	23.57	24.00	0.217	0.24	0.114	0.13	0.12
0	Head	LTE Band38	38150	2610	50RB-High	Tilt Right	0mm	\	23.57	24.00	0.082	0.09	0.039	0.04	0.15
0	Body	LTE Band38	38150	2610	1RB-Low	Front	10mm	\	24.39	25.00	0.310	0.36	0.169	0.19	0.09
0	Body	LTE Band38	38150	2610	1RB-Low	Rear	10mm	FIG A.34	24.39	25.00	0.502	0.58	0.271	0.31	-0.16
0	Body	LTE Band38	38150	2610	1RB-Low	Left	10mm	\	24.39	25.00	0.043	0.05	0.024	0.03	-0.09
0	Body	LTE Band38	38150	2610	1RB-Low	Right	10mm	\	24.39	25.00	0.295	0.34	0.155	0.18	0.08
0	Body	LTE Band38	38150	2610	1RB-Low	Bottom	10mm	\	24.39	25.00	0.287	0.33	0.139	0.16	0.07
0	Body	LTE Band38	38150	2610	50RB-High	Front	10mm	\	23.57	24.00	0.283	0.31	0.155	0.17	0.02
0	Body	LTE Band38	38150	2610	50RB-High	Rear	10mm	\	23.57	24.00	0.426	0.47	0.217	0.24	-0.06
0	Body	LTE Band38	38150	2610	50RB-High	Left	10mm	\	23.57	24.00	0.035	0.04	0.020	0.02	0.07
0	Body	LTE Band38	38150	2610	50RB-High	Right	10mm	\	23.57	24.00	0.226	0.25	0.120	0.13	0.02
0	Body	LTE Band38	38150	2610	50RB-High	Bottom	10mm	\	23.57	24.00	0.257	0.28	0.117	0.13	0.05
1	Head	LTE Band38	38150	2610	1RB-High	Cheek Left	0mm	\	18.37	19.00	0.139	0.16	0.056	0.06	-0.15
1	Head	LTE Band38	38150	2610	1RB-High	Tilt Left	0mm	\	18.37	19.00	0.161	0.19	0.063	0.07	0.07
1	Head	LTE Band38	38150	2610	1RB-High	Cheek Right	0mm	\	18.37	19.00	0.359	0.42	0.153	0.18	0.14
1	Head	LTE Band38	38150	2610	1RB-High	Tilt Right	0mm	FIG A.33	18.37	19.00	0.521	0.60	0.209	0.24	0.01
1	Head	LTE Band38	38150	2610	50RB-High	Cheek Left	0mm	\	18.35	19.00	0.115	0.13	0.047	0.05	0.07
1	Head	LTE Band38	38150	2610	50RB-High	Tilt Left	0mm	\	18.35	19.00	0.149	0.17	0.059	0.07	-0.02
1	Head	LTE Band38	38150	2610	50RB-High	Cheek Right	0mm	\	18.35	19.00	0.351	0.41	0.152	0.18	0.14
1	Head	LTE Band38	38150	2610	50RB-High	Tilt Right	0mm	\	18.35	19.00	0.481	0.56	0.192	0.22	0.08
1	Body	LTE Band38	38150	2610	1RB-Low	Front	10mm	\	21.36	22.00	0.206	0.24	0.105	0.12	0.03
1	Body	LTE Band38	38150	2610	1RB-Low	Rear	10mm	\	21.36	22.00	0.433	0.50	0.204	0.24	0.06
1	Body	LTE Band38	38150	2610	1RB-Low	Left	10mm	\	21.36	22.00	0.210	0.24	0.102	0.12	-0.14
1	Body	LTE Band38	38150	2610	1RB-Low	Right	10mm	\	21.36	22.00	0.043	0.05	0.024	0.03	-0.08
1	Body	LTE Band38	38150	2610	1RB-Low	Top	10mm	\	21.36	22.00	0.402	0.47	0.172	0.20	-0.04
1	Body	LTE Band38	38150	2610	50RB-High	Front	10mm	\	21.34	22.00	0.192	0.22	0.097	0.11	0.01
1	Body	LTE Band38	38150	2610	50RB-High	Rear	10mm	\	21.34	22.00	0.394	0.46	0.185	0.22	0.03
1	Body	LTE Band38	38150	2610	50RB-High	Left	10mm	\	21.34	22.00	0.055	0.06	0.024	0.02	0.16
1	Body	LTE Band38	38150	2610	50RB-High	Right	10mm	\	21.34	22.00	0.036	0.04	0.020	0.02	-0.17
1	Body	LTE Band38	38150	2610	50RB-High	Top	10mm	\	21.34	22.00	0.292	0.34	0.129	0.15	0.15
4	Head	LTE Band38	38150	2610	1RB-Low	Cheek Left	0mm	\	23.65	24.00	0.231	0.25	0.116	0.13	0.03
4	Head	LTE Band38	38150	2610	1RB-Low	Tilt Left	0mm	\	23.65	24.00	0.095	0.10	0.042	0.05	-0.08
4	Head	LTE Band38	38150	2610	1RB-Low	Cheek Right	0mm	\	23.65	24.00	0.422	0.46	0.196	0.21	0.08
4	Head	LTE Band38	38150	2610	1RB-Low	Tilt Right	0mm	\	23.65	24.00	0.312	0.34	0.125	0.14	0.19
4	Head	LTE Band38	38150	2610	50RB-Middle	Cheek Left	0mm	\	22.76	23.00	0.217	0.23	0.108	0.11	0.03
4	Head	LTE Band38	38150	2610	50RB-Middle	Tilt Left	0mm	\	22.76	23.00	0.088	0.09	0.039	0.04	-0.08
4	Head	LTE Band38	38150	2610	50RB-Middle	Cheek Right	0mm	\	22.76	23.00	0.367	0.39	0.173	0.18	-0.19
4	Head	LTE Band38	38150	2610	50RB-Middle	Tilt Right	0mm	\	22.76	23.00	0.288	0.30	0.119	0.13	-0.13
4	Body	LTE Band38	38150	2610	1RB-Low	Front	10mm	\	23.65	24.00	0.104	0.11	0.060	0.07	0.11
4	Body	LTE Band38	38150	2610	1RB-Low	Rear	10mm	\	23.65	24.00	0.343	0.37	0.179	0.19	0.04
4	Body	LTE Band38	38150	2610	1RB-Low	Left	10mm	\	23.65	24.00	0.332	0.36	0.167	0.18	-0.19
4	Body	LTE Band38	38150	2610	1RB-Low	Top	10mm	\	23.65	24.00	0.051	0.06	0.027	0.03	-0.03
4	Body	LTE Band38	38150	2610	50RB-Low	Front	10mm	\	22.76	23.00	0.093	0.10	0.054	0.06	-0.17
4	Body	LTE Band38	38150	2610	50RB-Low	Rear	10mm	\	22.76	23.00	0.306	0.32	0.158	0.17	-0.19
4	Body	LTE Band38	38150	2610	50RB-Low	Left	10mm	\	22.76	23.00	0.315	0.33	0.157	0.17	0.13
4	Body	LTE Band38	38150	2610	50RB-Low	Top	10mm	\	22.76	23.00	0.034	0.04	0.016	0.02	0.18
0	Head	LTE Band41 PC3	41055	2636.5	1RB-Low	Cheek Left	0mm	\	23.96	25.00	0.149	0.19	0.082	0.10	0.18
0	Head	LTE Band41 PC3	41055	2636.5	1RB-Low	Tilt Left	0mm	\	23.96	25.00	0.018	0.02	0.041	0.05	0.06
0	Head	LTE Band41 PC3	41055	2636.5	1RB-Low	Cheek Right	0mm	\	23.96	25.00	0.277	0.35	0.146	0.19	0.14
0	Head	LTE Band41 PC3	41055	2636.5	1RB-Low	Tilt Right	0mm	\	23.96	25.00	0.105	0.13	0.055	0.07	-0.01
0	Head	LTE Band41 PC3	41055	2636.5	50RB-Low	Cheek Left	0mm	\	23.12	24.00	0.125	0.15	0.069	0.08	-0.06
0	Head	LTE Band41 PC3	41055	2636.5	50RB-Low	Tilt Left	0mm	\	23.12	24.00	0.066	0.08	0.035	0.04	-0.16
0	Head	LTE Band41 PC3	41055	2636.5	50RB-Low	Cheek Right	0mm	\	23.12	24.00	0.226	0.28	0.119	0.15	0.12
0	Head	LTE Band41 PC3	41055	2636.5	50RB-Low	Tilt Right	0mm	\	23.12	24.00	0.090	0.11	0.047	0.06	0.01
0	Head	LTE Band41 PC3	39750	2506	1RB-High	Cheek Right	0mm	ULCA 41C	23.94	25.00	0.268	0.34	0.141	0.18	-0.08
0	Body	LTE Band41 PC3	41055	2636.5	1RB-Low	Front	10mm	\	23.96	25.00	0.332	0.42	0.191	0.24	-0.19
0	Body	LTE Band41 PC3	41055	2636.5	1RB-Low	Rear	10mm	FIG A.36	23.96	25.00	0.519	0.66	0.278	0.35	0.05
0	Body	LTE Band41 PC3	41055	2636.5	1RB-Low	Left	10mm	\	23.96	25.00	0.043	0.05	0.025	0.03	-0.06
0	Body	LTE Band41 PC3	41055	2636.5	1RB-Low	Right	10mm	\	23.96	25.00	0.395	0.39	0.170	0.22	-0.11
0	Body	LTE Band41 PC3	41055	2636.5	1RB-Low	Bottom	10mm	\	23.96	25.00	0.302	0.38	0.145	0.18	0.15
0	Body	LTE Band41 PC3	41055	2636.5	50RB-Low	Front	10mm	\	23.12	24.00	0.287	0.35	0.165	0.20	0.01
0	Body	LTE Band41 PC3	41055	2636.5	50RB-Low	Rear	10mm	\	23.12	24.00	0.430	0.53	0.228	0.28	0.06
0	Body	LTE Band41 PC3	41055	2636.5	50RB-Low	Left	10mm	\	23.12	24.00	0.040	0.05	0.024	0.03	0.15
0	Body	LTE Band41 PC3	41055	2636.5	50RB-Low	Right	10mm	\	23.12	24.00	0.264	0.32	0.145	0.18	-0.01
0	Body	LTE Band41 PC3	41055	2636.5	50RB-Low	Bottom	10mm	\	23.12	24.00	0.276	0.34	0.129	0.16	-0.12
0	Body	LTE Band41 PC3	39750	2506	1RB-High	Rear	10mm	ULCA 41C	23.94	25.00	0.503	0.64	0.269	0.34	-0.16
1	Head	LTE Band41 PC3	41055	2636.5	1RB-Low	Cheek Left	0mm	\	17.87	18.50	0.094	0.11	0.040	0.05	-0.09
1	Head	LTE Band41 PC3	41055	2636.5	1RB-Low	Tilt Left	0mm	\	17.87	18.50	0.142	0.16	0.057	0.07	0.16
1	Head	LTE Band41 PC3	41055	2636.5	1RB-Low	Cheek Right	0mm	\	17.87	18.50	0.240	0.28	0.109	0.13	0.13
1	Head	LTE Band41 PC3	41055	2636.5	1RB-Low	Tilt Right	0mm	FIG A.35	17.87	18.50	0.374	0.43	0.156	0.18	0.04
1	Head	LTE Band41 PC3	41055	2636.5	50RB-Low	Cheek Left	0mm	\	17.84	18.50	0.112	0.13	0.047	0.05	0.19
1	Head	LTE Band41 PC3	41055	2636.5	50RB-Low	Tilt Left	0mm	\	17.84	18.50	0.133	0.15	0.054	0.06	-0.12
1	Head	LTE Band41 PC3	41055	2636.5	50RB-Low	Cheek Right	0mm	\	17.84	18.50	0.228	0.27	0.107	0.12	-0.07
1	Head	LTE Band41 PC3	41055	2636.5	50RB-Low	Tilt Right	0mm	\	17.84	18.50	0.352	0.41	0.147	0.17	-0.11
1	Head	LTE Band41 PC3	39750	2506	1RB-High	Tilt Right	0mm	ULCA 41C	17.81	18.50	0.352	0.41	0.145	0.17	-0.09
1	Body	LTE Band41 PC3	41055	2636.5	1RB-Low	Front	10mm	\	21.44	22.00	0.153	0.17	0.081	0.09	-0.18
1	Body	LTE Band41 PC3	41055	2636.5	1RB-Low	Rear	10mm	\	21.44	22.00	0.336	0.38	0.160	0.18	0.01
1	Body	LTE Band41 PC3	41055	2636.5	1RB-Low	Left	10mm	\	21.44	22.00	0.181	0.21	0.089	0.10	0.07
1	Body	LTE Band41 PC3	41055	2636.5	1RB-Low	Right	10mm	\	21.44						



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ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	LTE Band66	132072	1720	1RB-High	Cheek Left	0mm	\	24.88	25.00	0.084	0.09	0.051	0.05	-0.02
0	Head	LTE Band66	132072	1720	1RB-High	Tilt Left	0mm	\	24.88	25.00	0.052	0.05	0.034	0.03	-0.05
0	Head	LTE Band66	132072	1720	1RB-High	Cheek Right	0mm	\	24.88	25.00	0.064	0.07	0.040	0.04	0.16
0	Head	LTE Band66	132072	1720	1RB-High	Tilt Right	0mm	\	24.88	25.00	0.043	0.04	0.025	0.03	0.02
0	Head	LTE Band66	132322	1745	50RB-Low	Cheek Left	0mm	\	23.90	24.00	0.088	0.09	0.053	0.05	0.17
0	Head	LTE Band66	132322	1745	50RB-Low	Tilt Left	0mm	\	23.90	24.00	0.048	0.05	0.031	0.03	0.14
0	Head	LTE Band66	132322	1745	50RB-Low	Cheek Right	0mm	\	23.90	24.00	0.057	0.06	0.037	0.04	0.03
0	Head	LTE Band66	132322	1745	50RB-Low	Tilt Right	0mm	\	23.90	24.00	0.040	0.04	0.023	0.02	-0.01
0	Head	LTE Band66	132047	1717.5	1RB-High	Cheek Left	0mm	ULCA 66B	24.68	25.00	0.075	0.08	0.047	0.05	0.19
0	Head	LTE Band66	132072	1720	1RB-High	Cheek Left	0mm	ULCA 66C	24.70	25.00	0.079	0.08	0.051	0.05	-0.16
0	Body	LTE Band66	132322	1745	1RB-Low	Front	10mm	\	21.26	21.50	0.214	0.23	0.122	0.13	-0.15
0	Body	LTE Band66	132322	1745	1RB-Low	Rear	10mm	\	21.26	21.50	0.239	0.25	0.135	0.14	-0.02
0	Body	LTE Band66	132322	1745	1RB-Low	Left	10mm	\	21.26	21.50	0.041	0.04	0.022	0.02	-0.19
0	Body	LTE Band66	132322	1745	1RB-Low	Right	10mm	\	21.26	21.50	0.099	0.10	0.055	0.06	0.04
0	Body	LTE Band66	132322	1745	1RB-Low	Bottom	10mm	\	21.26	21.50	0.509	0.54	0.264	0.28	-0.11
0	Body	LTE Band66	132322	1745	50RB-Low	Front	10mm	\	21.30	21.50	0.143	0.15	0.079	0.08	-0.13
0	Body	LTE Band66	132322	1745	50RB-Low	Rear	10mm	\	21.30	21.50	0.149	0.16	0.079	0.08	-0.09
0	Body	LTE Band66	132322	1745	50RB-Low	Left	10mm	\	21.30	21.50	0.035	0.04	0.018	0.02	-0.05
0	Body	LTE Band66	132322	1745	50RB-Low	Right	10mm	\	21.30	21.50	0.098	0.10	0.053	0.06	0.17
0	Body	LTE Band66	132322	1745	50RB-Low	Bottom	10mm	\	21.30	21.50	0.334	0.35	0.169	0.18	-0.19
0	Body	LTE Band66	132047	1717.5	1RB-High	Bottom	10mm	ULCA 66B	21.25	21.50	0.471	0.50	0.252	0.27	0.18
0	Body	LTE Band66	132072	1720	1RB-High	Bottom	10mm	ULCA 66C	21.21	21.50	0.458	0.49	0.236	0.25	0.11
1	Head	LTE Band66	132072	1720	1RB-Low	Cheek Left	0mm	\	16.98	17.00	0.272	0.27	0.144	0.14	-0.05
1	Head	LTE Band66	132072	1720	1RB-Low	Tilt Left	0mm	\	16.98	17.00	0.408	0.41	0.209	0.21	0.11
1	Head	LTE Band66	132072	1720	1RB-Low	Cheek Right	0mm	\	16.98	17.00	0.392	0.39	0.190	0.19	-0.11
1	Head	LTE Band66	132072	1720	1RB-Low	Tilt Right	0mm	FIG A.37	16.98	17.00	0.630	0.63	0.295	0.30	-0.18
1	Head	LTE Band66	132322	1745	50RB-Low	Cheek Left	0mm	\	16.91	17.00	0.250	0.26	0.136	0.14	0.18
1	Head	LTE Band66	132322	1745	50RB-Low	Tilt Left	0mm	\	16.91	17.00	0.474	0.48	0.225	0.23	0.11
1	Head	LTE Band66	132322	1745	50RB-Low	Cheek Right	0mm	\	16.91	17.00	0.315	0.32	0.162	0.17	-0.03
1	Head	LTE Band66	132322	1745	50RB-Low	Tilt Right	0mm	\	16.91	17.00	0.473	0.48	0.238	0.24	-0.11
1	Head	LTE Band66	132047	1717.5	1RB-High	Tilt Right	0mm	ULCA 66B	16.59	17.00	0.572	0.63	0.273	0.30	0.14
1	Head	LTE Band66	132072	1720	1RB-High	Tilt Right	0mm	ULCA 66C	16.64	17.00	0.558	0.61	0.251	0.27	-0.06
1	Body	LTE Band66	132572	1770	1RB-Middle	Front	10mm	\	20.69	21.00	0.302	0.32	0.163	0.18	-0.04
1	Body	LTE Band66	132572	1770	1RB-Middle	Rear	10mm	\	20.69	21.00	0.389	0.42	0.218	0.23	-0.18
1	Body	LTE Band66	132572	1770	1RB-Middle	Left	10mm	\	20.69	21.00	0.066	0.07	0.040	0.04	-0.05
1	Body	LTE Band66	132572	1770	1RB-Middle	Right	10mm	\	20.69	21.00	0.037	0.04	0.018	0.02	0.08
1	Body	LTE Band66	132572	1770	1RB-Middle	Top	10mm	\	20.69	21.00	0.643	0.69	0.341	0.37	0.05
1	Body	LTE Band66	132322	1745	50RB-Low	Front	10mm	\	20.71	21.00	0.298	0.32	0.162	0.17	0.03
1	Body	LTE Band66	132322	1745	50RB-Low	Rear	10mm	\	20.71	21.00	0.405	0.43	0.221	0.24	0.04
1	Body	LTE Band66	132322	1745	50RB-Low	Left	10mm	\	20.71	21.00	0.066	0.07	0.040	0.04	0.12
1	Body	LTE Band66	132322	1745	50RB-Low	Right	10mm	\	20.71	21.00	0.040	0.04	0.025	0.03	0.16
1	Body	LTE Band66	132322	1745	50RB-Low	Top	10mm	FIG A.38	20.71	21.00	0.686	0.73	0.343	0.37	0.08
1	Body	LTE Band66	132047	1717.5	1RB-High	Top	10mm	ULCA 66B	20.61	21.00	0.647	0.71	0.316	0.35	0.15
1	Body	LTE Band66	132072	1720	1RB-High	Top	10mm	ULCA 66C	20.64	21.00	0.653	0.71	0.329	0.36	0.18
4	Head	LTE Band66	132322	1745	1RB-Low	Cheek Left	0mm	\	24.07	24.30	0.059	0.06	0.039	0.04	-0.10
4	Head	LTE Band66	132322	1745	1RB-Low	Tilt Left	0mm	\	24.07	24.30	0.037	0.04	0.022	0.02	-0.07
4	Head	LTE Band66	132322	1745	1RB-Low	Cheek Right	0mm	\	24.07	24.30	0.136	0.14	0.061	0.09	0.17
4	Head	LTE Band66	132322	1745	1RB-Low	Tilt Right	0mm	\	24.07	24.30	0.077	0.08	0.043	0.05	0.16
4	Head	LTE Band66	132322	1745	50RB-Low	Cheek Left	0mm	\	23.09	23.30	0.055	0.06	0.036	0.04	0.07
4	Head	LTE Band66	132322	1745	50RB-Low	Tilt Left	0mm	\	23.09	23.30	0.030	0.03	0.016	0.02	0.18
4	Head	LTE Band66	132322	1745	50RB-Low	Cheek Right	0mm	\	23.09	23.30	0.130	0.14	0.077	0.08	0.14
4	Head	LTE Band66	132322	1745	50RB-Low	Tilt Right	0mm	\	23.09	23.30	0.078	0.08	0.042	0.04	0.11
4	Head	LTE Band66	132047	1717.5	1RB-High	Cheek Right	0mm	ULCA 66B	23.91	24.30	0.118	0.13	0.073	0.08	0.15
4	Head	LTE Band66	132072	1720	1RB-High	Cheek Right	0mm	ULCA 66C	24.01	24.30	0.124	0.13	0.078	0.08	0.19
4	Body	LTE Band66	132322	1745	1RB-Low	Front	10mm	\	24.07	24.30	0.042	0.04	0.027	0.03	0.00
4	Body	LTE Band66	132322	1745	1RB-Low	Rear	10mm	\	24.07	24.30	0.167	0.18	0.094	0.10	0.06
4	Body	LTE Band66	132322	1745	1RB-Low	Left	10mm	\	24.07	24.30	0.154	0.16	0.090	0.09	0.08
4	Body	LTE Band66	132322	1745	1RB-Low	Top	10mm	\	24.07	24.30	0.030	0.03	0.017	0.02	-0.11
4	Body	LTE Band66	132322	1745	50RB-Low	Front	10mm	\	23.09	23.30	0.037	0.04	0.024	0.03	0.10
4	Body	LTE Band66	132322	1745	50RB-Low	Rear	10mm	\	23.09	23.30	0.161	0.17	0.088	0.09	-0.14
4	Body	LTE Band66	132322	1745	50RB-Low	Left	10mm	\	23.09	23.30	0.173	0.18	0.100	0.10	0.15
4	Body	LTE Band66	132322	1745	50RB-Low	Top	10mm	\	23.09	23.30	0.027	0.03	0.015	0.02	0.17
4	Body	LTE Band66	132047	1717.5	1RB-High	Left	10mm	ULCA 66B	23.91	24.30	0.143	0.16	0.082	0.09	-0.09
4	Body	LTE Band66	132072	1720	1RB-High	Left	10mm	ULCA 66C	24.01	24.30	0.161	0.17	0.093	0.10	0.18



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15.2 SAR results for 5G NR

ANT	RF Exposure Condition	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	N2	381500	1907.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.60	24.70	0.095	0.12	0.062	0.08	-0.16
0	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.66	24.70	0.099	0.13	0.064	0.08	-0.1
0	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.65	24.70	0.095	0.11	0.055	0.07	-0.08
0	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	23.66	24.70	0.099	0.07	0.037	0.05	0.04
0	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.66	24.70	0.098	0.09	0.041	0.05	-0.05
0	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	23.66	24.70	0.059	0.07	0.037	0.05	-0.03
0	Head	N2	376000	1880	CP-OFDM QPSK	Cheek Left	0mm	\	\	22.11	23.70	0.084	0.12	0.054	0.08	0.15
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	10mm	\	\	22.65	23.20	0.387	0.44	0.219	0.25	-0.1
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	10mm	\	\	22.65	23.20	0.539	0.61	0.313	0.36	0.18
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Left	10mm	\	\	22.65	23.20	0.062	0.07	0.036	0.04	0.16
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Right	10mm	\	\	22.65	23.20	0.228	0.26	0.119	0.14	0.08
0	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	22.56	23.20	0.682	0.79	0.356	0.41	-0.06
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Bottom	10mm	\	\	22.65	23.20	0.660	0.75	0.367	0.42	0.1
0	Body	N2	376000	1880	DFT-s-OFDM QPSK	Bottom	10mm	FIG A.40	\	22.61	23.20	0.732	0.84	0.411	0.47	-0.01
0	Body	N2	376000	1880	CP-OFDM QPSK	Bottom	10mm	\	\	22.16	23.70	0.618	0.88	0.343	0.49	-0.09
1	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	18.79	19.20	0.302	0.33	0.154	0.17	0.02
1	Head	N2	381500	1907.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	18.75	19.20	0.447	0.50	0.223	0.25	0.18
1	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	18.79	19.20	0.482	0.53	0.232	0.25	0.08
1	Head	N2	381500	1907.5	DFT-s-OFDM QPSK	Tilt Left	0mm	FIG A.39	\	18.68	19.20	0.496	0.56	0.247	0.28	-0.16
1	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	18.79	19.20	0.379	0.42	0.187	0.21	0.19
1	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	18.79	19.20	0.446	0.49	0.225	0.25	0.06
1	Head	N2	376000	1880	CP-OFDM QPSK	Tilt Left	0mm	\	\	18.75	19.20	0.449	0.50	0.226	0.25	0.15
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	10mm	\	\	21.01	21.70	0.256	0.30	0.137	0.16	-0.06
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	10mm	\	\	21.01	21.70	0.352	0.41	0.191	0.22	-0.18
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Left	10mm	\	\	21.01	21.70	0.051	0.06	0.032	0.04	-0.19
1	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Top	10mm	\	\	20.96	21.70	0.567	0.67	0.289	0.34	0.17
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Top	10mm	\	\	21.01	21.70	0.619	0.73	0.322	0.38	-0.13
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Top	10mm	\	\	21.01	21.70	0.619	0.73	0.322	0.38	-0.13
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Top	10mm	\	\	21.01	21.70	0.703	0.83	0.343	0.40	-0.1
1	Body	N2	376000	1880	CP-OFDM QPSK	Top	10mm	\	\	20.97	21.70	0.602	0.71	0.316	0.37	0.07
0	Head	N5	169300	846.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.93	25.50	0.131	0.15	0.104	0.12	0.1
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	25.03	25.50	0.141	0.16	0.111	0.12	0.08
0	Head	N5	165300	826.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.97	25.50	0.143	0.16	0.115	0.13	-0.05
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	25.03	25.50	0.095	0.11	0.076	0.08	-0.06
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	25.03	25.50	0.076	0.08	0.050	0.06	0.16
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	25.03	25.50	0.051	0.06	0.035	0.04	0.18
0	Head	N5	167300	836.5	CP-OFDM QPSK	Cheek Left	0mm	\	\	23.40	24.00	0.130	0.15	0.102	0.12	-0.06
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	10mm	\	\	25.03	25.50	0.104	0.12	0.066	0.07	-0.09
0	Body	N5	169300	846.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	24.93	25.50	0.250	0.29	0.148	0.17	0.08
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	25.03	25.50	0.287	0.32	0.174	0.19	-0.06
0	Body	N5	165300	826.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	24.97	25.50	0.274	0.31	0.163	0.18	-0.09
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Left	10mm	\	\	25.03	25.50	0.073	0.08	0.046	0.05	-0.07
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Right	10mm	\	\	25.03	25.50	0.123	0.14	0.078	0.09	0.13
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	25.03	25.50	0.188	0.21	0.110	0.12	0.05
0	Body	N5	167300	836.5	CP-OFDM QPSK	Rear	10mm	\	\	23.40	24.00	0.261	0.30	0.167	0.19	-0.03
1	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	21.17	22.00	0.385	0.47	0.263	0.32	0.17
1	Head	N5	169300	846.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	21.15	22.00	0.343	0.42	0.214	0.26	0.02
1	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Left	0mm	FIG A.41	\	21.17	22.00	0.431	0.52	0.266	0.32	-0.05
1	Head	N5	165300	826.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	21.16	22.00	0.419	0.50	0.265	0.32	0.03
1	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	21.17	22.00	0.359	0.43	0.252	0.31	-0.09
1	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	21.17	22.00	0.377	0.46	0.234	0.28	-0.13
1	Head	N5	167300	836.5	CP-OFDM QPSK	Tilt Left	0mm	\	\	21.12	22.00	0.428	0.52	0.263	0.32	0.14
1	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	10mm	\	\	24.46	25.50	0.244	0.31	0.170	0.22	-0.05
1	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	24.46	25.50	0.225	0.29	0.154	0.20	0.13
1	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Left	10mm	\	\	24.46	25.50	0.129	0.15	0.087	0.11	-0.07
1	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Right	10mm	\	\	24.46	25.50	0.085	0.11	0.062	0.08	0.05
1	Body	N5	167300	846.5	DFT-s-OFDM QPSK	Top	10mm	\	\	24.33	25.50	0.201	0.26	0.130	0.17	0.1
1	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Top	10mm	FIG A.42	\	24.46	25.50	0.261	0.33	0.160	0.20	0.19
1	Body	N5	167300	826.5	DFT-s-OFDM QPSK	Top	10mm	\	\	24.41	25.50	0.236	0.30	0.155	0.20	0.06
1	Body	N5	167300	836.5	CP-OFDM QPSK	Top	10mm	\	\	23.06	24.00	0.243	0.30	0.157	0.19	0.13
0	Head	N7	500500	2502.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.74	25.20	0.204	0.23	0.119	0.13	-0.17
0	Head	N7	500500	2502.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	24.74	25.20	0.137	0.15	0.076	0.08	0.03
0	Head	N7	513500	2567.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.48	25.20	0.315	0.37	0.170	0.20	0.04
0	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.24	25.20	0.296	0.37	0.162	0.20	-0.19
0	Head	N7	500500	2502.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.74	25.20	0.360	0.40	0.197	0.22	-0.08
0	Head	N7	500500	2502.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	24.74	25.20	0.120	0.13	0.067	0.07	0.05
0	Head	N7	507000	2535	CP-OFDM QPSK	Cheek Right	0mm	\	\	22.90	23.70	0.281	0.34	0.158	0.19	0.15
0	Body	N7	500500	2502.5	DFT-s-OFDM QPSK	Front	10mm	\	\	23.11	23.70	0.421	0.48	0.228	0.26	0.01
0	Body	N7	513500	2567.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	22.88	23.70	0.561	0.68	0.298	0.36	-0.16
0	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	\	\	22.69	23.70	0.593	0.75	0.314	0.40	-0.01
0	Body	N7	500500	2502.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.11	23.70	0.587	0.67	0.306	0.35	-0.11
0	Body	N7	500500	2502.5	DFT-s-OFDM QPSK	Left	10mm	\	\	23.11	23.70	0.057	0.07	0.031	0.04	-0.18
0	Body	N7	500500	2502.5	DFT-s-OFDM QPSK	Right	10mm	\	\	23.11	23.70	0.421	0.48	0.237	0.27	-0.11
0	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	\	\	22.69	23.70	0.593	0.75	0.314	0.40	-0.01
0	Body	N7	500500	2502.5	CP-OFDM QPSK	Bottom	10mm	\	\	21.78	23.70	0.473	0.74	0.252	0.39	0.16
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.15	16.70	0.173	0.20	0.065	0.07	-0.06
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	16.15	16.70	0.281	0.32	0.099	0.11	0.19
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	16.15	16.70	0.528	0.60	0.221	0.25	-0.07
1	Head	N7	513500	2567.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	16.12	16.70	0.545	0.62	0.211	0.24	0.09
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	16.15	16.70	0.736	0.84	0.292	0.33	0.08
1	Head	N7	500500	2502.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	16.13	16.70	0.727	0.83	0.271	0.31	-0.07
1	Head	N7	507000	2535	CP-OFDM 64QAM	Tilt Right	0mm	\	\	16.09	16.70	0.704	0.81	0.283		

ANT	RF Exposure Condition s	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	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	N12	141500	707.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.64	25.50	<0.01	<0.01	<0.01	<0.01	
0	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	24.64	25.50	<0.01	<0.01	<0.01	<0.01	
0	Head	N12	142700	713.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.56	25.50	0.086	0.11	0.073	0.09	-0.06
0	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.64	25.50	0.100	0.12	0.082	0.10	-0.06
0	Head	N12	140300	701.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.61	25.50	0.079	0.10	0.069	0.08	0.11
0	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	24.64	25.50	<0.01	<0.01	<0.01	<0.01	
0	Head	N12	141500	707.5	CP-OFDM QPSK	Cheek Right	0mm	\	\	23.13	24.00	0.084	0.10	0.071	0.09	0.15
0	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Front	10mm	\	\	24.64	25.50	0.048	0.06	0.034	0.04	0.13
0	Body	N12	142700	713.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	24.56	25.50	0.134	0.17	0.088	0.11	0.15
0	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	24.64	25.50	0.143	0.17	0.095	0.12	-0.15
0	Body	N12	140300	701.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	24.61	25.50	0.140	0.17	0.092	0.11	0.06
0	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Left	10mm	\	\	24.64	25.50	0.050	0.06	0.039	0.05	-0.02
0	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Right	10mm	\	\	24.64	25.50	0.064	0.08	0.044	0.05	0.02
0	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	24.64	25.50	0.140	0.17	0.081	0.10	0.17
0	Body	N12	141500	707.5	CP-OFDM QPSK	Rear	10mm	\	\	23.13	24.00	0.124	0.15	0.089	0.11	0.14
1	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	22.62	23.50	0.344	0.42	0.249	0.30	-0.04
1	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	22.62	23.50	0.525	0.64	0.328	0.40	-0.13
1	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	22.62	23.50	0.477	0.58	0.266	0.33	0.16
1	Head	N12	142700	713.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	22.58	23.50	0.650	0.80	0.369	0.46	0.19
1	Head	N12	141500	707.5	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.45	\	22.62	23.50	0.657	0.80	0.377	0.46	0.02
1	Head	N12	140300	701.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	22.59	23.50	0.640	0.79	0.361	0.45	0.16
1	Head	N12	141500	707.5	CP-OFDM 16QAM	Tilt Right	0mm	\	\	22.19	23.50	0.587	0.79	0.339	0.46	0.11
1	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Front	10mm	\	\	24.58	25.50	0.155	0.19	0.118	0.15	0.19
1	Body	N12	142700	713.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	24.50	25.50	0.161	0.20	0.130	0.16	0.02
1	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Rear	10mm	FIG A.46	\	24.58	25.50	0.176	0.22	0.140	0.17	-0.06
1	Body	N12	140300	701.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	24.55	25.50	0.155	0.19	0.124	0.15	0.1
1	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Left	10mm	\	\	24.58	25.50	0.070	0.09	0.053	0.07	0.08
1	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Right	10mm	\	\	24.58	25.50	0.096	0.12	0.041	0.05	-0.07
1	Body	N12	141500	707.5	DFT-s-OFDM QPSK	Top	10mm	\	\	24.58	25.50	0.114	0.14	0.071	0.09	-0.19
1	Body	N12	141500	707.5	CP-OFDM QPSK	Rear	10mm	\	\	23.02	24.00	0.165	0.21	0.134	0.17	0.19
0	Head	N26	169300	846.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.68	25.50	0.111	0.13	0.084	0.10	0.15
0	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.74	25.50	0.143	0.17	0.114	0.14	0.1
0	Head	N26	166300	816.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.72	25.50	0.135	0.16	0.110	0.13	0.19
0	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	24.74	25.50	0.067	0.08	0.036	0.04	-0.19
0	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.74	25.50	0.058	0.07	0.030	0.04	0.02
0	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	24.74	25.50	0.051	0.06	0.029	0.03	-0.03
0	Head	N26	166300	831.5	CP-OFDM QPSK	Cheek Left	0mm	\	\	23.20	24.00	0.137	0.16	0.111	0.13	0.19
0	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Front	10mm	\	\	24.74	25.50	0.093	0.11	0.056	0.07	-0.13
0	Body	N26	169300	846.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	24.68	25.50	0.214	0.26	0.130	0.16	0.16
0	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	24.74	25.50	0.257	0.31	0.156	0.19	-0.04
0	Body	N26	166300	816.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	24.72	25.50	0.224	0.27	0.137	0.16	0.11
0	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Left	10mm	\	\	24.74	25.50	0.063	0.08	0.032	0.04	0.09
0	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Right	10mm	\	\	24.74	25.50	0.055	0.07	0.028	0.03	0.17
0	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	24.74	25.50	0.213	0.25	0.121	0.14	-0.16
0	Body	N26	166300	831.5	CP-OFDM QPSK	Rear	10mm	\	\	23.20	24.00	0.248	0.30	0.151	0.18	0.13
1	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	21.21	22.00	0.450	0.54	0.326	0.39	-0.07
1	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	21.21	22.00	0.565	0.68	0.313	0.38	0.07
1	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	21.21	22.00	0.516	0.62	0.358	0.43	-0.03
1	Head	N26	169300	846.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	21.11	22.00	0.591	0.61	0.300	0.37	-0.15
1	Head	N26	166300	831.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	21.21	22.00	0.581	0.70	0.347	0.42	-0.11
1	Head	N26	166300	816.5	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.47	\	21.14	22.00	0.689	0.82	0.400	0.49	-0.02
1	Head	N26	166300	831.5	CP-OFDM QPSK	Tilt Right	0mm	\	\	21.12	22.00	0.564	0.69	0.312	0.38	0.18
1	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Front	10mm	\	\	24.65	25.50	0.224	0.27	0.137	0.17	-0.01
1	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	24.65	25.50	0.223	0.27	0.138	0.17	-0.02
1	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Left	10mm	\	\	24.65	25.50	0.107	0.13	0.072	0.09	0.04
1	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Right	10mm	\	\	24.65	25.50	0.083	0.10	0.060	0.07	-0.19
1	Body	N26	169300	846.5	DFT-s-OFDM QPSK	Top	10mm	\	\	24.53	25.50	0.217	0.27	0.131	0.16	0.08
1	Body	N26	166300	831.5	DFT-s-OFDM QPSK	Top	10mm	FIG A.48	\	24.65	25.50	0.276	0.34	0.168	0.20	-0.05
1	Body	N26	163300	816.5	DFT-s-OFDM QPSK	Top	10mm	\	\	24.57	25.50	0.229	0.28	0.143	0.18	-0.06
1	Body	N26	166300	831.5	CP-OFDM QPSK	Top	10mm	\	\	23.29	24.00	0.268	0.32	0.161	0.19	0.18

ANT	RF Exposure Condition	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	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 Df
0	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.66	25.50	0.225	0.27	0.126	0.15	-0.03
0	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	24.66	25.50	0.112	0.14	0.061	0.07	-0.13
0	Head	N38	523000	2615	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.64	25.50	0.333	0.41	0.177	0.22	0.08
0	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.66	25.50	0.421	0.51	0.222	0.27	0.09
0	Head	N38	515000	2575	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.63	25.50	0.316	0.39	0.169	0.21	-0.12
0	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	24.66	25.50	0.095	0.12	0.049	0.06	-0.18
0	Head	N38	519000	2595	CP-OFDM QPSK	Cheek Right	0mm	\	\	22.94	24.00	0.402	0.51	0.211	0.27	0.17
0	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	10mm	\	\	22.21	23.00	0.264	0.32	0.139	0.17	-0.11
0	Body	N38	523000	2615	DFT-s-OFDM QPSK	Rear	10mm	\	\	22.17	23.00	0.395	0.48	0.211	0.26	-0.17
0	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	\	\	22.21	23.00	0.388	0.47	0.208	0.25	0.12
0	Body	N38	515000	2575	DFT-s-OFDM QPSK	Rear	10mm	\	\	22.18	23.00	0.408	0.49	0.218	0.26	-0.02
0	Body	N38	519000	2595	DFT-s-OFDM QPSK	Left	10mm	\	\	22.21	23.00	0.029	0.03	0.014	0.02	0.17
0	Body	N38	519000	2595	DFT-s-OFDM QPSK	Right	10mm	\	\	22.21	23.00	0.039	0.05	0.021	0.03	0.03
0	Body	N38	519000	2595	DFT-s-OFDM QPSK	Bottom	10mm	\	\	22.21	23.00	0.292	0.35	0.138	0.17	-0.11
0	Body	N38	519000	2595	CP-OFDM 16QAM	Rear	10mm	\	\	22.04	23.00	0.361	0.45	0.197	0.25	0.19
1	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	15.16	17.00	0.177	0.27	0.084	0.13	0.03
1	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	15.16	17.00	0.242	0.37	0.110	0.17	-0.02
1	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	15.16	17.00	0.487	0.74	0.216	0.33	-0.03
1	Head	N38	523000	2615	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	15.14	17.00	0.642	0.99	0.267	0.41	0.01
1	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	15.16	17.00	0.707	1.06	0.294	0.47	-0.15
1	Head	N38	515000	2575	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.49	\	15.14	17.00	0.753	1.17	0.304	0.47	0.05
1	Head	N38	519000	2595	CP-OFDM 16QAM	Tilt Right	0mm	\	\	15.13	17.00	0.682	1.05	0.276	0.42	0.11
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	10mm	\	Note1	18.93	20.50	0.291	0.42	0.157	0.23	0.07
1	Body	N38	523000	2615	DFT-s-OFDM QPSK	Rear	10mm	\	Note1	18.90	20.50	0.585	0.85	0.290	0.42	-0.03
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	\	Note1	18.93	20.50	0.712	1.02	0.344	0.49	0.19
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	FIG A.50	\	17.41	19.00	0.825	1.19	0.392	0.57	0.16
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Left	10mm	\	Note1	18.93	20.50	0.300	0.43	0.160	0.23	0.06
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Right	10mm	\	Note1	18.93	20.50	0.061	0.09	0.028	0.04	0.11
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Top	10mm	\	Note1	18.93	20.50	0.442	0.63	0.209	0.30	0.04
1	Body	N38	519000	2595	CP-OFDM 16QAM	Rear	10mm	\	Note1	18.89	20.50	0.704	1.02	0.337	0.49	0.11
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	10mm	\	Note2	17.41	19.00	0.163	0.24	0.089	0.13	-0.01
1	Body	N38	523000	2615	DFT-s-OFDM QPSK	Rear	10mm	\	Note2	17.38	19.00	0.328	0.48	0.164	0.24	0.16
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	\	Note2	17.41	19.00	0.430	0.63	0.194	0.27	-0.11
1	Body	N38	515000	2575	DFT-s-OFDM QPSK	Rear	10mm	\	Note2	17.39	19.00	0.453	0.67	0.220	0.32	-0.11
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Left	10mm	\	Note2	17.41	19.00	0.168	0.24	0.090	0.13	-0.11
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Right	10mm	\	Note2	17.41	19.00	0.034	0.05	0.016	0.02	0.1
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Top	10mm	\	Note2	17.41	19.00	0.248	0.36	0.118	0.17	-0.03
4	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.51	24.20	0.470	0.55	0.230	0.27	-0.18
4	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	23.51	24.20	0.702	0.93	0.257	0.42	-0.08
4	Head	N38	523000	2615	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.47	24.20	0.783	0.93	0.351	0.42	-0.08
4	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.51	24.20	0.780	0.91	0.349	0.41	0.06
4	Head	N38	515000	2575	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.48	24.20	0.798	0.94	0.356	0.42	-0.02
4	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	23.51	24.20	0.666	0.78	0.256	0.30	-0.06
4	Head	N38	519000	2595	CP-OFDM QPSK	Cheek Right	0mm	\	\	21.81	23.20	0.651	0.90	0.243	0.33	0.19
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	10mm	\	Note1	22.99	23.70	0.185	0.22	0.107	0.13	0.19
4	Body	N38	523000	2615	DFT-s-OFDM QPSK	Rear	10mm	\	Note1	22.95	23.70	0.662	0.79	0.350	0.42	-0.11
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	\	Note1	22.99	23.70	0.722	0.85	0.381	0.45	-0.02
4	Body	N38	515000	2575	DFT-s-OFDM QPSK	Rear	10mm	\	Note1	22.96	23.70	0.761	0.90	0.400	0.47	0.17
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Left	10mm	\	Note1	22.99	23.70	0.574	0.68	0.295	0.35	-0.03
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Top	10mm	\	Note1	22.99	23.70	0.074	0.09	0.043	0.05	-0.17
4	Body	N38	519000	2595	CP-OFDM QPSK	Rear	10mm	\	Note1	21.77	23.20	0.612	0.85	0.318	0.44	0.14
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	10mm	\	Note2	21.03	21.70	0.084	0.10	0.054	0.06	-0.1
4	Body	N38	523000	2615	DFT-s-OFDM QPSK	Rear	10mm	\	Note2	20.99	21.70	0.299	0.35	0.175	0.21	0.02
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	\	Note2	21.03	21.70	0.326	0.38	0.191	0.22	-0.15
4	Body	N38	515000	2575	DFT-s-OFDM QPSK	Rear	10mm	\	Note2	21.00	21.70	0.344	0.40	0.200	0.23	-0.1
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Left	10mm	\	Note2	21.03	21.70	0.259	0.30	0.148	0.17	-0.04
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Top	10mm	\	Note2	21.03	21.70	0.033	0.04	0.022	0.03	0.17
0	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.59	25.50	0.214	0.26	0.119	0.15	0.16
0	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	24.59	25.50	0.122	0.15	0.064	0.08	0.15
0	Head	N41	537000	2685	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.55	25.50	0.384	0.48	0.202	0.25	0.04
0	Head	N41	527799	2639	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.56	25.50	0.410	0.51	0.216	0.27	0.09
0	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.59	25.50	0.432	0.53	0.228	0.28	-0.04
0	Head	N41	509406	2555.02	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.39	25.50	0.380	0.49	0.202	0.26	0.11
0	Head	N41	500205	2501.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.55	25.50	0.325	0.40	0.188	0.23	-0.01
0	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	24.59	25.50	0.100	0.12	0.052	0.06	-0.09
0	Head	N41	518598	2592.99	CP-OFDM QPSK	Cheek Right	0mm	\	\	22.75	24.00	0.382	0.51	0.204	0.27	0.19
0	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	\	21.57	22.50	0.369	0.46	0.208	0.26	-0.19
0	Body	N41	537000	2685	DFT-s-OFDM QPSK	Rear	10mm	\	\	21.53	22.50	0.224	0.28	0.131	0.16	-0.06
0	Body	N41	527799	2639	DFT-s-OFDM QPSK	Rear	10mm	\	\	21.54	22.50	0.325	0.41	0.187	0.23	0.19
0	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	\	\	21.57	22.50	0.499	0.62	0.276	0.34	-0.19
0	Body	N41	509406	2555.02	DFT-s-OFDM QPSK	Rear	10mm	\	\	21.39	22.50	0.576	0.74	0.321	0.41	-0.04
0	Body	N41	500205	2501.01	DFT-s-OFDM QPSK	Rear	10mm	FIG A.52	\	21.53	22.50	0.645	0.81	0.347	0.43	0.13
0	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Left	10mm	\	\	21.57	22.50	0.046	0.06	0.024	0.03	0.08
0	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Right	10mm	\	\	21.57	22.50	0.070	0.09	0.040	0.05	0.15
0	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Bottom	10mm	\	\	21.57	22.50	0.248	0.31	0.131	0.16	0.09
0	Body	N41	518598	2592.99	CP-OFDM QPSK	Rear	10mm	\	\	21.49	22.50	0.468	0.59	0.256	0.32	0.11
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.08	17.00	0.160	0.20	0.065	0.08	0.08
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	16.08	17.00	0.196	0.24	0.078	0.10	-0.06
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	16.08	17.00	0.420	0.52	0.170	0.21	0.17
1	Head	N41	537000	2685	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	16.05	17.00	0.272	0.34	0.121	0.15	0.1
1	Head	N41	527799	2639	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	16.06	17.00	0.390				



ANT	RF Exposure Condition s	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.36	25.50	0.144	0.19	0.088	0.11	0.04
0	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	24.36	25.50	0.064	0.08	0.040	0.05	0.18
0	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.21	25.50	0.157	0.21	0.101	0.14	0.16
0	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.36	25.50	0.153	0.20	0.095	0.12	0.19
0	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.33	25.50	0.079	0.10	0.051	0.07	-0.17
0	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	24.36	25.50	0.073	0.09	0.045	0.06	-0.13
0	Head	N66	349000	1745	CP-OFDM QPSK	Cheek Right	0mm	\	\	23.09	24.00	0.147	0.18	0.092	0.11	0.14
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	\	21.48	21.50	0.262	0.26	0.141	0.14	-0.1
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	\	21.48	21.50	0.267	0.27	0.146	0.15	-0.06
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	\	\	21.48	21.50	0.049	0.05	0.028	0.03	0.17
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Right	10mm	\	\	21.48	21.50	0.065	0.07	0.035	0.04	0.18
0	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	21.38	21.50	0.451	0.46	0.239	0.25	0.11
0	Body	N66	349000	1745	DFT-s-OFDM QPSK	Bottom	10mm	\	\	21.48	21.50	0.553	0.56	0.278	0.28	-0.08
0	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	21.44	21.50	0.569	0.58	0.291	0.30	-0.12
0	Body	N66	349000	1745	CP-OFDM QPSK	Bottom	10mm	\	\	21.39	21.50	0.538	0.55	0.269	0.28	0.16
1	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	17.32	17.50	0.297	0.31	0.166	0.17	-0.16
1	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	17.32	17.50	0.484	0.50	0.256	0.27	0.09
1	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	17.32	17.50	0.567	0.59	0.276	0.29	0.08
1	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	17.27	17.50	0.790	0.83	0.362	0.38	0.18
1	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	17.32	17.50	0.855	0.89	0.392	0.41	0.07
1	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.53	\	17.30	17.50	0.977	1.02	0.451	0.47	0.13
1	Head	N66	349000	1745	CP-OFDM QPSK	Tilt Right	0mm	\	\	17.26	17.50	0.830	0.88	0.382	0.40	0.11
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	\	20.94	21.00	0.417	0.42	0.227	0.23	0.01
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.94	21.00	0.690	0.70	0.365	0.37	-0.14
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	\	\	20.94	21.00	0.082	0.08	0.048	0.05	-0.15
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Right	10mm	\	\	20.94	21.00	0.047	0.05	0.025	0.03	-0.1
1	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Top	10mm	\	\	20.88	21.00	0.799	0.82	0.403	0.41	-0.02
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	10mm	\	\	20.94	21.00	0.880	0.89	0.445	0.45	-0.08
1	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Top	10mm	FIG A.54	\	20.91	21.00	0.896	0.91	0.458	0.47	-0.12
1	Body	N66	349000	1745	CP-OFDM 16QAM	Top	10mm	\	\	20.91	21.00	0.869	0.89	0.438	0.45	0.11
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.75	25.00	0.092	0.12	0.046	0.06	0.01
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	23.75	25.00	0.057	0.08	0.027	0.04	-0.03
4	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.66	25.00	0.143	0.19	0.067	0.09	-0.12
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.75	25.00	0.219	0.29	0.100	0.13	0.07
4	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.70	25.00	0.201	0.27	0.092	0.12	-0.01
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	23.75	25.00	0.143	0.19	0.059	0.08	0.07
4	Head	N66	349000	1745	CP-OFDM QPSK	Cheek Right	0mm	\	\	22.42	23.50	0.201	0.26	0.091	0.12	0.04
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	\	23.75	25.00	0.058	0.08	0.037	0.05	-0.04
4	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.66	25.00	0.143	0.19	0.081	0.11	0.12
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.75	25.00	0.241	0.32	0.130	0.17	0.1
4	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.70	25.00	0.224	0.30	0.124	0.17	-0.01
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	\	\	23.75	25.00	0.183	0.24	0.105	0.14	-0.06
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	10mm	\	\	23.75	25.00	0.041	0.05	0.022	0.03	-0.02
4	Body	N66	349000	1745	CP-OFDM QPSK	Rear	10mm	\	\	22.42	23.50	0.229	0.29	0.123	0.16	0.16
0	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.95	25.20	0.066	0.09	0.040	0.05	0.01
0	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	23.95	25.20	0.043	0.06	0.020	0.03	-0.16
0	Head	N71	136100	695.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.80	25.20	0.096	0.13	0.077	0.11	0.08
0	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.95	25.20	0.076	0.10	0.062	0.08	0.18
0	Head	N71	133100	665.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.77	25.20	0.083	0.12	0.066	0.09	0.08
0	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	23.95	25.20	0.051	0.07	0.029	0.04	0.07
0	Head	N71	136100	680.5	CP-OFDM QPSK	Cheek Right	0mm	\	\	22.10	23.70	0.068	0.10	0.054	0.08	0.11
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Front	10mm	\	\	23.95	25.20	0.063	0.08	0.063	0.08	-0.01
0	Body	N71	139100	695.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.80	25.20	0.174	0.24	0.136	0.19	-0.05
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.95	25.20	0.161	0.21	0.111	0.15	0.05
0	Body	N71	133100	665.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.77	25.20	0.148	0.21	0.113	0.16	-0.14
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Left	10mm	\	\	23.95	25.20	0.054	0.07	0.050	0.07	0.02
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Right	10mm	\	\	23.95	25.20	0.047	0.06	0.036	0.05	-0.13
0	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	23.95	25.20	0.062	0.08	0.033	0.04	-0.01
0	Body	N71	136100	680.5	CP-OFDM QPSK	Rear	10mm	\	\	22.10	23.70	0.153	0.22	0.107	0.15	0.02
1	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.72	24.20	0.337	0.38	0.216	0.24	-0.12
1	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	23.72	24.20	0.381	0.43	0.228	0.25	0.06
1	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.72	24.20	0.404	0.45	0.260	0.29	-0.16
1	Head	N71	139100	695.5	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.55	\	23.50	24.20	0.570	0.67	0.319	0.37	-0.03
1	Head	N71	136100	680.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	23.72	24.20	0.521	0.58	0.288	0.32	0.07
1	Head	N71	133100	665.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	23.47	24.20	0.549	0.65	0.303	0.36	-0.09
1	Head	N71	136100	680.5	CP-OFDM QPSK	Tilt Right	0mm	\	\	21.90	23.70	0.442	0.67	0.263	0.40	0.19
1	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Front	10mm	\	\	23.73	25.20	0.145	0.20	0.119	0.17	-0.08
1	Body	N71	139100	695.5	DFT-s-OFDM QPSK	Rear	10mm	FIG A.56	\	23.65	25.20	0.218	0.31	0.170	0.24	-0.01
1	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.73	25.20	0.199	0.28	0.151	0.21	-0.09
1	Body	N71	133100	665.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	23.62	25.20	0.164	0.24	0.119	0.17	0.14
1	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Left	10mm	\	\	23.73	25.20	0.091	0.13	0.069	0.10	-0.17
1	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Right	10mm	\	\	23.73	25.20	0.083	0.12	0.065	0.09	0.18
1	Body	N71	136100	680.5	DFT-s-OFDM QPSK	Top	10mm	\	\	23.73	25.20	0.135	0.19	0.083	0.12	-0.16
1	Body	N71	136100	680.5	CP-OFDM QPSK	Rear	10mm	\	\	22.04	23.70	0.146	0.21	0.102	0.15	0.16

ANT	RF Exposure Condition	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	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
4	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.65	25.20	0.489	0.56	0.234	0.27	0.19
4	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	24.65	25.20	0.215	0.24	0.102	0.12	-0.05
4	Head	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Cheek Right	0mm	FIG A.57	\	24.61	25.20	1.040	1.19	0.498	0.57	-0.19
4	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.65	25.20	0.937	1.06	0.452	0.51	-0.02
4	Head	n77-L	630334	3445.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.60	25.20	0.937	1.08	0.446	0.51	-0.15
4	Head	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	24.61	25.20	0.793	0.91	0.308	0.35	0.15
4	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	24.65	25.20	0.896	0.91	0.316	0.36	-0.01
4	Head	n77-L	630334	3445.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	24.60	25.20	0.771	0.89	0.291	0.33	-0.16
4	Head	n77-L	633334	3500.01	CP-OFDM QPSK	Cheek Right	0mm	\	\	23.02	23.70	0.911	1.07	0.448	0.52	0.19
4	Head	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Cheek Right	0mm	B2	\	24.61	25.20	0.972	1.11	0.483	0.55	-0.11
4	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	\	20.61	21.70	0.119	0.15	0.063	0.08	0.08
4	Body	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.57	21.70	0.301	0.39	0.139	0.18	-0.17
4	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.61	21.70	0.367	0.47	0.168	0.22	0.08
4	Body	n77-L	630334	3445.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.57	21.70	0.394	0.51	0.178	0.23	0.1
4	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Left	10mm	\	\	20.61	21.70	0.328	0.42	0.155	0.20	0.16
4	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	\	20.61	21.70	0.062	0.08	0.026	0.03	-0.18
4	Body	n77-L	633334	3500.01	CP-OFDM QPSK	Rear	10mm	\	\	20.60	21.70	0.353	0.45	0.161	0.21	-0.06
3	Head	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	15.83	17.70	0.346	0.53	0.141	0.22	0.05
3	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	15.98	17.70	0.327	0.49	0.129	0.19	0.13
3	Head	n77-L	630334	3445.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	15.75	17.70	0.267	0.42	0.104	0.16	0.11
3	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	15.98	17.70	0.154	0.23	0.072	0.11	-0.12
3	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	15.98	17.70	0.119	0.18	0.057	0.08	-0.06
3	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	15.98	17.70	0.074	0.11	0.032	0.05	-0.02
3	Head	n77-L	633334	3500.01	CP-OFDM 16QAM	Cheek Left	0mm	\	\	15.86	17.70	0.312	0.48	0.120	0.18	0.19
3	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	\	17.86	19.70	0.151	0.23	0.069	0.11	0.05
3	Body	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Rear	10mm	\	\	17.77	19.70	0.462	0.72	0.194	0.29	0.01
3	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	17.86	19.70	0.425	0.65	0.173	0.26	0.16
3	Body	n77-L	630334	3445.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	17.76	19.70	0.324	0.51	0.131	0.20	-0.04
3	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	\	\	17.86	19.70	0.393	0.60	0.167	0.26	0.11
3	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	\	17.86	19.70	0.133	0.20	0.064	0.10	-0.15
3	Body	n77-L	633334	3500.01	CP-OFDM 16QAM	Rear	10mm	\	\	17.86	19.70	0.422	0.64	0.169	0.26	0.02
5	Head	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	21.00	23.00	0.319	0.51	0.119	0.19	-0.14
5	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	21.08	23.00	0.378	0.59	0.141	0.22	0.15
5	Head	n77-L	630334	3445.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	21.04	23.00	0.384	0.60	0.147	0.23	0.01
5	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	21.08	23.00	0.113	0.18	0.052	0.08	0.18
5	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	21.08	23.00	0.141	0.22	0.065	0.10	0.19
5	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	21.08	23.00	0.069	0.11	0.032	0.05	-0.12
5	Head	n77-L	633334	3500.01	CP-OFDM QPSK	Cheek Left	0mm	\	\	20.06	21.50	0.358	0.50	0.139	0.19	0.11
5	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	\	20.13	22.00	0.067	0.10	0.031	0.05	-0.09
5	Body	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.05	22.00	0.254	0.40	0.108	0.17	0.11
5	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.13	22.00	0.347	0.53	0.133	0.20	0.03
5	Body	n77-L	630334	3445.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.09	22.00	0.385	0.60	0.154	0.24	0.17
5	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	\	\	20.13	22.00	0.287	0.44	0.116	0.18	0.19
5	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	\	20.13	22.00	0.051	0.08	0.026	0.04	-0.17
5	Body	n77-L	633334	3500.01	CP-OFDM QPSK	Rear	10mm	\	\	20.05	22.00	0.328	0.51	0.123	0.19	0.15
6	Head	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.97	17.70	0.665	0.79	0.297	0.34	0.13
6	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	17.03	17.70	0.633	0.74	0.274	0.32	0.07
6	Head	n77-L	630334	3445.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.88	17.70	0.475	0.57	0.204	0.25	-0.12
6	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	17.03	17.70	0.609	0.71	0.253	0.30	-0.1
6	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	17.03	17.70	0.466	0.54	0.179	0.21	0.07
6	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	17.03	17.70	0.561	0.65	0.210	0.25	0.09
6	Head	n77-L	633334	3500.01	CP-OFDM 16QAM	Cheek Left	0mm	\	\	17.00	17.70	0.627	0.74	0.268	0.31	0.18
6	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	\	20.88	21.20	0.273	0.29	0.129	0.14	-0.07
6	Body	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.81	21.20	0.350	0.38	0.162	0.18	0.12
6	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.88	21.20	0.412	0.44	0.190	0.20	0.16
6	Body	n77-L	630334	3445.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.70	21.20	0.235	0.26	0.112	0.13	-0.15
6	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	\	\	20.88	21.20	0.119	0.13	0.057	0.06	-0.19
6	Body	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	\	20.88	21.20	0.353	0.38	0.166	0.18	0.08
6	Body	n77-L	633334	3500.01	CP-OFDM 16QAM	Rear	10mm	\	\	20.86	21.20	0.405	0.44	0.183	0.20	0.06



ANT	RF Exposure Condition	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	Head	n77-H	665000	3975	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.78	25.20	0.469	0.52	0.253	0.28	0.03
4	Head	n77-H	665000	3975	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	24.78	25.20	0.336	0.37	0.172	0.19	-0.1
4	Head	n77-H	665000	3975	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.78	25.20	0.624	0.69	0.300	0.33	0.01
4	Head	n77-H	661400	3921	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.66	25.20	0.618	0.70	0.301	0.34	-0.08
4	Head	n77-H	657800	3867	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.55	25.20	0.636	0.74	0.313	0.36	0.16
4	Head	n77-H	654200	3813	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.52	25.20	1.010	1.18	0.509	0.60	0.13
4	Head	n77-H	650600	3759	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.48	25.20	0.775	0.91	0.387	0.46	0.03
4	Head	n77-H	647000	3705	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.53	25.20	0.851	0.99	0.432	0.50	-0.11
4	Head	n77-H	665000	3975	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	24.78	25.20	0.618	0.68	0.288	0.32	0.03
4	Head	n77-H	665000	3975	CP-OFDM QPSK	Cheek Right	0mm	\	\	23.30	23.70	0.609	0.67	0.286	0.31	0.17
4	Body	n77-H	665000	3975	DFT-s-OFDM QPSK	Front	10mm	\	\	20.92	21.70	0.132	0.16	0.067	0.08	0.02
4	Body	n77-H	665000	3975	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.92	21.70	0.291	0.35	0.144	0.17	0.08
4	Body	n77-H	661400	3921	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.80	21.70	0.302	0.37	0.151	0.19	-0.08
4	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.74	21.70	0.369	0.46	0.183	0.23	0.14
4	Body	n77-H	654200	3813	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.57	21.70	0.496	0.64	0.239	0.31	0.06
4	Body	n77-H	650600	3759	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.54	21.70	0.545	0.71	0.251	0.33	0.1
4	Body	n77-H	647000	3705	DFT-s-OFDM QPSK	Rear	10mm	FIG A.58	\	20.59	21.70	0.570	0.74	0.261	0.34	0.02
4	Body	n77-H	665000	3975	DFT-s-OFDM QPSK	Left	10mm	\	\	20.92	21.70	0.439	0.53	0.204	0.24	0.14
4	Body	n77-H	665000	3975	DFT-s-OFDM QPSK	Top	10mm	\	\	20.92	21.70	0.183	0.22	0.085	0.10	-0.15
4	Body	n77-H	665000	3975	CP-OFDM 16QAM	Rear	10mm	\	\	20.91	21.70	0.277	0.33	0.136	0.16	-0.09
3	Head	n77-H	665000	3975	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.80	17.70	0.233	0.29	0.077	0.09	-0.1
3	Head	n77-H	661400	3921	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.77	17.70	0.297	0.37	0.098	0.12	0.15
3	Head	n77-H	657800	3867	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.73	17.70	0.353	0.44	0.117	0.15	0.13
3	Head	n77-H	654200	3813	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.76	17.70	0.306	0.38	0.103	0.13	-0.16
3	Head	n77-H	650600	3759	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.56	17.70	0.393	0.51	0.138	0.18	-0.18
3	Head	n77-H	647000	3705	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.51	17.70	0.426	0.56	0.152	0.20	0.04
3	Head	n77-H	665000	3975	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	16.80	17.70	0.138	0.17	0.053	0.07	-0.14
3	Head	n77-H	665000	3975	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	16.80	17.70	0.087	0.11	0.034	0.04	0.04
3	Head	n77-H	665000	3975	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	16.80	17.70	0.060	0.07	0.019	0.02	0.12
3	Head	n77-H	665000	3975	CP-OFDM QPSK	Cheek Left	0mm	\	\	16.79	17.70	0.225	0.28	0.074	0.09	0.13
3	Body	n77-H	665000	3975	DFT-s-OFDM QPSK	Front	10mm	\	\	18.86	19.70	0.117	0.14	0.049	0.06	-0.19
3	Body	n77-H	665000	3975	DFT-s-OFDM QPSK	Rear	10mm	\	\	18.86	19.70	0.325	0.39	0.116	0.14	0.08
3	Body	n77-H	665000	3975	DFT-s-OFDM QPSK	Right	10mm	\	\	18.83	19.70	0.238	0.29	0.089	0.11	0.17
3	Body	n77-H	661400	3921	DFT-s-OFDM QPSK	Right	10mm	\	\	18.78	19.70	0.275	0.34	0.110	0.14	0.02
3	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Right	10mm	\	\	18.82	19.70	0.354	0.43	0.134	0.16	-0.18
3	Body	n77-H	654200	3813	DFT-s-OFDM QPSK	Right	10mm	\	\	18.59	19.70	0.371	0.48	0.138	0.18	-0.06
3	Body	n77-H	650600	3759	DFT-s-OFDM QPSK	Right	10mm	\	\	18.53	19.70	0.445	0.58	0.174	0.23	0.18
3	Body	n77-H	647000	3705	DFT-s-OFDM QPSK	Right	10mm	\	\	18.86	19.70	0.581	0.70	0.228	0.28	0.15
3	Body	n77-H	665000	3975	DFT-s-OFDM QPSK	Top	10mm	\	\	18.86	19.70	0.119	0.14	0.053	0.06	-0.16
3	Body	n77-H	665000	3975	CP-OFDM 16QAM	Rear	10mm	\	\	18.76	19.70	0.309	0.38	0.104	0.13	0.09
5	Head	n77-H	665000	3975	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	22.42	23.00	0.145	0.17	0.053	0.06	-0.08
5	Head	n77-H	661400	3921	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	22.40	23.00	0.159	0.18	0.059	0.07	0.13
5	Head	n77-H	657800	3867	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	22.52	23.00	0.154	0.17	0.058	0.06	0.04
5	Head	n77-H	654200	3813	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	22.29	23.00	0.139	0.16	0.050	0.06	0.18
5	Head	n77-H	650600	3759	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	22.15	23.00	0.166	0.20	0.063	0.08	0.15
5	Head	n77-H	647000	3705	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	22.14	23.00	0.236	0.29	0.090	0.11	0.03
5	Head	n77-H	657800	3867	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	22.52	23.00	0.050	0.06	0.019	0.02	-0.18
5	Head	n77-H	657800	3867	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	22.52	23.00	0.045	0.05	0.021	0.02	-0.17
5	Head	n77-H	657800	3867	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	22.52	23.00	0.031	0.03	0.014	0.02	0.11
5	Head	n77-H	657800	3867	CP-OFDM QPSK	Cheek Left	0mm	\	\	21.43	21.50	0.143	0.15	0.051	0.05	0.19
5	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Front	10mm	\	\	21.51	22.00	0.040	0.04	0.017	0.02	-0.15
5	Body	n77-H	665000	3975	DFT-s-OFDM QPSK	Rear	10mm	\	\	21.41	22.00	0.194	0.22	0.074	0.08	-0.14
5	Body	n77-H	661400	3921	DFT-s-OFDM QPSK	Rear	10mm	\	\	21.39	22.00	0.261	0.30	0.100	0.12	-0.04
5	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Rear	10mm	\	\	21.51	22.00	0.322	0.36	0.123	0.14	0.07
5	Body	n77-H	654200	3813	DFT-s-OFDM QPSK	Rear	10mm	\	\	21.29	22.00	0.306	0.36	0.115	0.14	0.18
5	Body	n77-H	650600	3759	DFT-s-OFDM QPSK	Rear	10mm	\	\	21.15	22.00	0.363	0.44	0.132	0.16	0.08
5	Body	n77-H	647000	3705	DFT-s-OFDM QPSK	Rear	10mm	\	\	21.14	22.00	0.346	0.42	0.121	0.15	-0.09
5	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Right	10mm	\	\	21.51	22.00	0.272	0.30	0.104	0.12	-0.02
5	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Top	10mm	\	\	21.51	22.00	0.054	0.06	0.030	0.03	-0.14
5	Body	n77-H	657800	3867	CP-OFDM QPSK	Rear	10mm	\	\	21.42	21.50	0.309	0.31	0.115	0.12	0.14
6	Head	n77-H	657800	3867	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	17.53	17.70	0.494	0.51	0.203	0.21	-0.18
6	Head	n77-H	665000	3975	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	17.46	17.70	0.568	0.60	0.224	0.24	-0.08
6	Head	n77-H	661400	3921	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	17.50	17.70	0.617	0.65	0.243	0.25	0.1
6	Head	n77-H	657800	3867	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	17.53	17.70	0.597	0.62	0.231	0.24	0.13
6	Head	n77-H	654200	3813	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	17.49	17.70	0.567	0.60	0.214	0.22	0.17
6	Head	n77-H	650600	3759	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	17.28	17.70	0.556	0.61	0.219	0.24	0.17
6	Head	n77-H	647000	3705	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	17.23	17.70	0.544	0.61	0.220	0.25	0.19
6	Head	n77-H	657800	3867	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	17.53	17.70	0.443	0.46	0.163	0.17	-0.11
6	Head	n77-H	657800	3867	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	17.53	17.70	0.522	0.54	0.180	0.19	0.12
6	Head	n77-H	657800	3867	CP-OFDM QPSK	Tilt Left	0mm	\	\	17.52	17.70	0.581	0.61	0.226	0.24	0.06
6	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Front	10mm	\	\	21.00	21.20	0.276	0.29	0.127	0.13	0.08
6	Body	n77-H	665000	3975	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.92	21.20	0.432	0.46	0.189	0.20	0.11
6	Body	n77-H	661400	3921	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.96	21.20	0.494	0.52	0.215	0.23	0.05
6	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Rear	10mm	\	\	21.00	21.20	0.522	0.55	0.226	0.24	-0.01
6	Body	n77-H	654200	3813	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.95	21.20	0.488	0.52	0.215	0.23	-0.19
6	Body	n77-H	650600	3759	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.70	21.20	0.537	0.60	0.228	0.26	0.17
6	Body	n77-H	647000	3705	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.64	21.20	0.519	0.59	0.217	0.25	0.13
6	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Right	10mm	\	\	21.00	21.20	0.126	0.13	0.064	0.07	0.05
6	Body	n77-H	657800	3867	DFT-s-OFDM QPSK	Top	10mm	\	\	21.00	21.20	0.385	0.40	0.176	0.18	-0.15
6	Body	n77-H	657800	3867	CP-OFDM QPSK	Rear	10mm	\	\	20.99	21.20	0.518	0.54	0.221	0.23	-0.09



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ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	19.84	20.70	0.269	0.33	0.134	0.16	-0.12
4	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	19.84	20.70	0.122	0.15	0.053	0.06	-0.07
4	Head	n78-L	630334	3445.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	19.83	20.70	0.389	0.48	0.169	0.21	0.1
4	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	19.84	20.70	0.470	0.57	0.227	0.28	0.06
4	Head	n78-L	636332	3544.98	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	19.80	20.70	0.407	0.50	0.170	0.21	0.18
4	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	19.84	20.70	0.277	0.34	0.124	0.15	-0.01
4	Head	n78-L	633334	3500.01	CP-OFDM 64QAM	Cheek Right	0mm	\	\	19.79	20.70	0.458	0.56	0.216	0.27	-0.14
4	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	\	20.36	21.20	0.152	0.18	0.078	0.09	0.1
4	Body	n78-L	636332	3544.98	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.35	21.20	0.393	0.48	0.177	0.22	-0.18
4	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.36	21.20	0.463	0.56	0.204	0.25	0.03
4	Body	n78-L	630334	3445.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.32	21.20	0.499	0.61	0.219	0.27	-0.09
4	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Left	10mm	\	\	20.36	21.20	0.423	0.51	0.192	0.23	0.1
4	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	\	20.36	21.20	0.067	0.08	0.029	0.04	0.12
4	Body	n78-L	633334	3500.01	CP-OFDM 64QAM	Rear	10mm	\	\	20.31	21.20	0.447	0.55	0.183	0.22	-0.09
3	Head	n78-L	636332	3544.98	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.51	17.70	0.454	0.60	0.180	0.24	0.14
3	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.53	17.70	0.389	0.51	0.164	0.21	0.05
3	Head	n78-L	630334	3445.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.49	17.70	0.340	0.45	0.133	0.18	0.16
3	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	16.53	17.70	0.194	0.25	0.085	0.11	-0.02
3	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	16.53	17.70	0.130	0.17	0.059	0.08	-0.08
3	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	16.53	17.70	0.093	0.12	0.041	0.05	-0.11
3	Head	n78-L	633334	3500.01	CP-OFDM 64QAM	Cheek Left	0mm	\	\	16.49	17.70	0.371	0.49	0.159	0.21	0.02
3	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	\	18.32	19.70	0.124	0.17	0.055	0.08	-0.13
3	Body	n78-L	636332	3544.98	DFT-s-OFDM QPSK	Rear	10mm	\	\	18.30	19.70	0.429	0.59	0.171	0.24	0.12
3	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	18.32	19.70	0.348	0.48	0.136	0.19	-0.18
3	Body	n78-L	630334	3445.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	18.28	19.70	0.267	0.37	0.105	0.15	0.15
3	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	\	\	18.32	19.70	0.305	0.42	0.124	0.17	0.01
3	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	\	18.32	19.70	0.109	0.15	0.050	0.07	0.17
3	Body	n78-L	633334	3500.01	CP-OFDM 64QAM	Rear	10mm	\	\	18.28	19.70	0.336	0.47	0.127	0.18	0.11
5	Head	n78-L	636332	3544.98	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	22.66	24.50	0.448	0.68	0.175	0.27	0.06
5	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	22.68	24.50	0.479	0.73	0.195	0.30	-0.19
5	Head	n78-L	630334	3445.01	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.59	\	22.62	24.50	0.549	0.85	0.218	0.34	0.11
5	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	22.68	24.50	0.152	0.23	0.070	0.11	-0.05
5	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	22.68	24.50	0.189	0.29	0.089	0.14	-0.11
5	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	22.68	24.50	0.077	0.12	0.037	0.06	-0.16
5	Head	n78-L	633334	3500.01	CP-OFDM QPSK	Cheek Left	0mm	\	\	22.56	23.50	0.444	0.55	0.178	0.22	0.11
5	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	\	20.07	22.00	0.084	0.13	0.039	0.06	0.14
5	Body	n78-L	636332	3544.98	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.06	22.00	0.304	0.48	0.129	0.20	0.06
5	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.07	22.00	0.413	0.64	0.162	0.25	-0.19
5	Body	n78-L	630334	3445.01	DFT-s-OFDM QPSK	Rear	10mm	FIG A.60	\	20.02	22.00	0.457	0.72	0.189	0.30	0.18
5	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	\	\	20.07	22.00	0.371	0.58	0.155	0.24	-0.07
5	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	\	20.07	22.00	0.065	0.10	0.034	0.05	0.14
5	Body	n78-L	633334	3500.01	CP-OFDM 16QAM	Rear	10mm	\	\	20.06	22.00	0.402	0.63	0.155	0.24	-0.06
6	Head	n78-L	636332	3544.98	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	13.81	15.20	0.310	0.43	0.139	0.19	0.16
6	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	13.85	15.20	0.289	0.39	0.126	0.17	0.08
6	Head	n78-L	630334	3445.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	13.82	15.20	0.225	0.31	0.100	0.14	-0.12
6	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	13.85	15.20	0.293	0.38	0.121	0.17	0.05
6	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	13.85	15.20	0.215	0.29	0.086	0.12	-0.07
6	Head	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	13.85	15.20	0.281	0.38	0.111	0.15	-0.07
6	Head	n78-L	633334	3500.01	CP-OFDM 16QAM	Cheek Left	0mm	\	\	13.84	15.20	0.273	0.37	0.117	0.16	-0.03
6	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	\	18.95	20.20	0.183	0.24	0.092	0.12	-0.13
6	Body	n78-L	636332	3544.98	DFT-s-OFDM QPSK	Rear	10mm	\	\	18.92	20.20	0.351	0.47	0.161	0.22	0.17
6	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	18.95	20.20	0.307	0.41	0.143	0.19	0.12
6	Body	n78-L	630334	3445.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	18.90	20.20	0.251	0.34	0.118	0.16	-0.01
6	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	\	\	18.95	20.20	0.080	0.11	0.041	0.05	-0.18
6	Body	n78-L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	\	18.95	20.20	0.256	0.34	0.121	0.16	0.01
6	Body	n78-L	633334	3500.01	CP-OFDM 64QAM	Rear	10mm	\	\	18.93	20.20	0.294	0.39	0.138	0.18	-0.06



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No.	Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	19.74	20.70	0.147	0.18	0.069	0.09	0.02
4	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	19.74	20.70	0.088	0.11	0.039	0.05	-0.08
4	Head	n78-H	653000	3795	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	19.68	20.70	0.219	0.28	0.106	0.13	-0.11
4	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	19.74	20.70	0.226	0.28	0.108	0.13	0.15
4	Head	n78-H	647000	3705	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	19.66	20.70	0.276	0.35	0.136	0.17	0.09
4	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	19.74	20.70	0.143	0.18	0.063	0.08	0.09
4	Head	n78-H	650000	3750	CP-OFDM 16QAM	Cheek Right	0mm	\	\	19.71	20.70	0.221	0.28	0.103	0.13	-0.09
4	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Front	10mm	\	\	20.39	21.20	0.080	0.10	0.039	0.05	0.06
4	Body	n78-H	653000	3795	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.33	21.20	0.340	0.42	0.147	0.18	0.07
4	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.39	21.20	0.344	0.41	0.150	0.18	-0.05
4	Body	n78-H	647000	3705	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.31	21.20	0.364	0.45	0.161	0.20	0.05
4	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Left	10mm	\	\	20.39	21.20	0.260	0.31	0.114	0.14	0.17
4	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Top	10mm	\	\	20.39	21.20	0.058	0.07	0.024	0.03	-0.01
4	Body	n78-H	650000	3750	CP-OFDM 16QAM	Rear	10mm	\	\	20.36	21.20	0.336	0.41	0.145	0.18	-0.09
3	Head	n78-H	653000	3795	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	17.57	17.70	0.441	0.45	0.146	0.15	0.19
3	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	17.62	17.70	0.467	0.48	0.155	0.16	-0.16
3	Head	n78-H	647000	3705	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	17.55	17.70	0.495	0.51	0.166	0.17	0.07
3	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	17.62	17.70	0.176	0.18	0.067	0.07	-0.16
3	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	17.62	17.70	0.119	0.12	0.047	0.05	-0.19
3	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	17.62	17.70	0.078	0.08	0.030	0.03	-0.14
3	Head	n78-H	650000	3750	CP-OFDM 16QAM	Cheek Left	0mm	\	\	17.59	17.70	0.451	0.46	0.149	0.15	0.03
3	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Front	10mm	\	\	19.31	19.70	0.143	0.16	0.057	0.06	-0.02
3	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Rear	10mm	\	\	19.31	19.70	0.394	0.43	0.150	0.16	0.11
3	Body	n78-H	653000	3795	DFT-s-OFDM QPSK	Right	10mm	\	\	19.26	19.70	0.374	0.41	0.145	0.16	0.11
3	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Right	10mm	\	\	19.31	19.70	0.438	0.48	0.171	0.19	-0.16
3	Body	n78-H	647000	3705	DFT-s-OFDM QPSK	Right	10mm	\	\	19.23	19.70	0.566	0.63	0.223	0.25	0.18
3	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Top	10mm	\	\	19.31	19.70	0.148	0.16	0.065	0.07	0.1
3	Body	n78-H	650000	3750	CP-OFDM 16QAM	Right	10mm	\	\	19.28	19.70	0.431	0.47	0.168	0.19	0.02
5	Head	n78-H	653000	3795	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.13	24.50	0.256	0.35	0.096	0.13	0.16
5	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.15	24.50	0.281	0.38	0.107	0.15	-0.16
5	Head	n78-H	647000	3705	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.09	24.50	0.420	0.58	0.155	0.21	0.06
5	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	23.15	24.50	0.079	0.11	0.033	0.05	0.15
5	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.15	24.50	0.070	0.10	0.031	0.04	0.15
5	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	23.15	24.50	0.078	0.11	0.033	0.05	-0.11
5	Head	n78-H	650000	3750	CP-OFDM QPSK	Cheek Left	0mm	\	\	22.98	23.50	0.255	0.29	0.087	0.10	0.15
5	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Front	10mm	\	\	20.12	22.00	0.048	0.07	0.022	0.03	0.08
5	Body	n78-H	653000	3795	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.10	22.00	0.356	0.55	0.131	0.20	-0.06
5	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.12	22.00	0.361	0.56	0.136	0.21	0.14
5	Body	n78-H	647000	3705	DFT-s-OFDM QPSK	Rear	10mm	\	\	20.07	22.00	0.307	0.48	0.124	0.19	0.15
5	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Right	10mm	\	\	20.12	22.00	0.285	0.44	0.114	0.18	0.02
5	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Top	10mm	\	\	20.12	22.00	0.057	0.09	0.028	0.04	-0.12
5	Body	n78-H	650000	3750	CP-OFDM 16QAM	Rear	10mm	\	\	20.12	22.00	0.355	0.55	0.130	0.20	0.07
6	Head	n78-H	653000	3795	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	13.87	15.20	0.249	0.34	0.108	0.15	-0.13
6	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	13.89	15.20	0.229	0.31	0.099	0.13	0.12
6	Head	n78-H	647000	3705	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	13.85	15.20	0.252	0.34	0.110	0.15	0.14
6	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	13.89	15.20	0.234	0.32	0.094	0.13	-0.11
6	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	13.89	15.20	0.198	0.27	0.079	0.10	-0.09
6	Head	n78-H	650000	3750	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	13.89	15.20	0.234	0.32	0.093	0.11	-0.12
6	Head	n78-H	650000	3750	CP-OFDM 16QAM	Cheek Left	0mm	\	\	13.89	15.20	0.211	0.29	0.091	0.12	0.17
6	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Front	10mm	\	\	19.05	20.20	0.220	0.29	0.098	0.13	-0.18
6	Body	n78-H	653000	3795	DFT-s-OFDM QPSK	Rear	10mm	\	\	19.03	20.20	0.432	0.57	0.179	0.23	0.13
6	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Rear	10mm	\	\	19.05	20.20	0.421	0.55	0.170	0.22	-0.02
6	Body	n78-H	647000	3705	DFT-s-OFDM QPSK	Rear	10mm	\	\	19.00	20.20	0.431	0.57	0.178	0.23	-0.08
6	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Right	10mm	\	\	19.05	20.20	0.081	0.11	0.038	0.05	-0.02
6	Body	n78-H	650000	3750	DFT-s-OFDM QPSK	Top	10mm	\	\	19.05	20.20	0.337	0.44	0.151	0.20	-0.03
6	Body	n78-H	650000	3750	CP-OFDM 16QAM	Rear	10mm	\	\	19.05	20.20	0.417	0.54	0.163	0.21	0.05

15.3 SAR results for WLAN

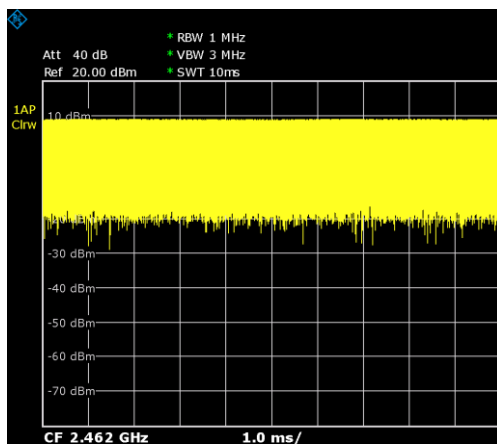
The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default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

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

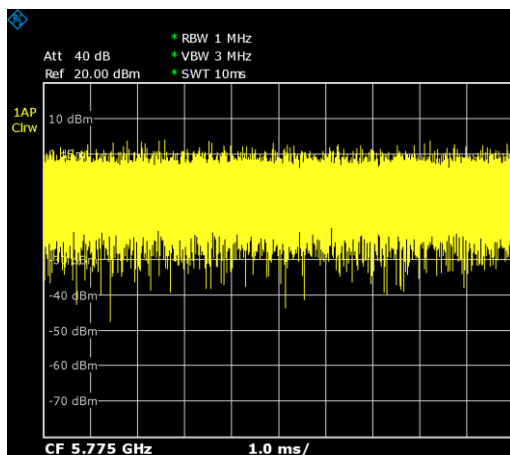
SAR Test reduction was applied from KDB 248227 guidance, when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest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

Duty factor plot

CH11 ANT7



CH155 ANT7





No. 25T04Z100116-015

WLAN 2.4G

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	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
7	Head	WLAN2.4G	11	2462	11b	Cheek Left	0mm	\	Note1	100.00%	16.91	18.50	0.612	0.88	0.301	0.43	-0.06
7	Head	WLAN2.4G	6	2437	11b	Cheek Left	0mm	\	Note1	100.00%	16.54	18.50	0.588	0.92	0.268	0.42	0.15
7	Head	WLAN2.4G	1	2412	11b	Cheek Left	0mm	\	Note1	100.00%	16.73	18.50	0.606	0.91	0.284	0.43	-0.13
7	Head	WLAN2.4G	11	2462	11b	Tilt Left	0mm	\	Note1	100.00%	16.91	18.50	0.646	0.93	0.302	0.44	0.11
7	Head	WLAN2.4G	6	2437	11b	Tilt Left	0mm	FIG A.61	Note1	100.00%	16.54	18.50	0.621	0.98	0.288	0.45	0.06
7	Head	WLAN2.4G	1	2412	11b	Tilt Left	0mm	\	Note1	100.00%	16.73	18.50	0.640	0.96	0.305	0.46	0.18
7	Head	WLAN2.4G	11	2462	11b	Cheek Right	0mm	\	Note1	100.00%	16.91	18.50	0.204	0.29	0.116	0.17	0.12
7	Head	WLAN2.4G	11	2462	11b	Tilt Right	0mm	\	Note1	100.00%	16.91	18.50	0.287	0.41	0.146	0.21	0.02
7	Head	WLAN2.4G	11	2462	11b	Cheek Left	0mm	\	Note2	100.00%	14.33	15.50	0.334	0.44	0.163	0.21	0.19
7	Head	WLAN2.4G	11	2462	11b	Tilt Left	0mm	\	Note2	100.00%	14.33	15.50	0.330	0.43	0.153	0.20	0.15
7	Head	WLAN2.4G	11	2462	11b	Cheek Right	0mm	\	Note2	100.00%	14.33	15.50	0.137	0.18	0.075	0.10	0.05
7	Head	WLAN2.4G	11	2462	11b	Tilt Right	0mm	\	Note2	100.00%	14.33	15.50	0.18	0.24	0.085	0.11	-0.03
7	Body	WLAN2.4G	11	2462	11b	Front	10mm	\	\	100.00%	18.39	20.00	0.186	0.27	0.098	0.14	-0.17
7	Body	WLAN2.4G	11	2462	11b	Rear	10mm	FIG A.62	\	100.00%	18.39	20.00	0.274	0.40	0.139	0.20	0.11
7	Body	WLAN2.4G	11	2462	11b	Right	10mm	\	\	100.00%	18.39	20.00	0.116	0.17	0.061	0.09	0.19
7	Body	WLAN2.4G	11	2462	11b	Top	10mm	\	\	100.00%	18.39	20.00	0.268	0.39	0.137	0.20	0.1

WLAN 5G

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	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
7	Head	WLAN5G	46	5230	11n-40M	Cheek Left	0mm	\	Note1	100.00%	17.25	18.50	0.689	0.92	0.204	0.27	0.04
7	Head	WLAN5G	46	5230	11n-40M	Tilt Left	0mm	\	Note1	100.00%	17.25	18.50	0.544	0.73	0.155	0.21	0.04
7	Head	WLAN5G	46	5230	11n-40M	Cheek Right	0mm	\	Note1	100.00%	17.25	18.50	0.191	0.25	0.071	0.09	-0.03
7	Head	WLAN5G	46	5230	11n-40M	Tilt Right	0mm	\	Note1	100.00%	17.25	18.50	0.229	0.31	0.085	0.11	0.17
7	Head	WLAN5G	54	5270	11n-40M	Cheek Left	0mm	FIG A.63	Note1	100.00%	17.33	18.50	0.711	0.93	0.207	0.27	0.09
7	Head	WLAN5G	54	5270	11n-40M	Tilt Left	0mm	\	Note1	100.00%	17.33	18.50	0.643	0.84	0.185	0.24	0.01
7	Head	WLAN5G	54	5270	11n-40M	Cheek Right	0mm	\	Note1	100.00%	17.33	18.50	0.243	0.32	0.085	0.11	-0.01
7	Head	WLAN5G	54	5270	11n-40M	Tilt Right	0mm	\	Note1	100.00%	17.33	18.50	0.306	0.40	0.109	0.14	-0.11
7	Head	WLAN5G	126	5630	11n-40M	Cheek Left	0mm	\	Note1	100.00%	16.02	17.00	0.417	0.52	0.140	0.18	0.18
7	Head	WLAN5G	126	5630	11n-40M	Tilt Left	0mm	\	Note1	100.00%	16.02	17.00	0.449	0.56	0.137	0.17	-0.19
7	Head	WLAN5G	126	5630	11n-40M	Cheek Right	0mm	\	Note1	100.00%	16.02	17.00	0.143	0.18	0.053	0.07	-0.1
7	Head	WLAN5G	126	5630	11n-40M	Tilt Right	0mm	\	Note1	100.00%	16.02	17.00	0.231	0.29	0.084	0.11	-0.1
7	Head	WLAN5G	155	5775	11ac-80M	Cheek Left	0mm	\	Note1	100.00%	15.04	17.00	0.416	0.65	0.138	0.22	-0.18
7	Head	WLAN5G	155	5775	11ac-80M	Tilt Left	0mm	\	Note1	100.00%	15.04	17.00	0.451	0.71	0.138	0.22	0.03
7	Head	WLAN5G	155	5775	11ac-80M	Cheek Right	0mm	\	Note1	100.00%	15.04	17.00	0.169	0.27	0.064	0.10	-0.02
7	Head	WLAN5G	155	5775	11ac-80M	Tilt Right	0mm	\	Note1	100.00%	15.04	17.00	0.213	0.33	0.082	0.13	0.19
7	Head	WLAN5G	46	5230	11n-40M	Cheek Left	0mm	\	Note2	100.00%	13.93	15.50	0.428	0.61	0.120	0.17	0.09
7	Head	WLAN5G	46	5230	11n-40M	Tilt Left	0mm	\	Note2	100.00%	13.93	15.50	0.334	0.48	0.096	0.14	-0.14
7	Head	WLAN5G	46	5230	11n-40M	Cheek Right	0mm	\	Note2	100.00%	13.93	15.50	0.076	0.11	0.030	0.04	0.13
7	Head	WLAN5G	46	5230	11n-40M	Tilt Right	0mm	\	Note2	100.00%	13.93	15.50	0.110	0.16	0.041	0.06	0.19
7	Head	WLAN5G	58	5290	11ac-80M	Cheek Left	0mm	\	Note2	100.00%	14.06	15.50	0.413	0.58	0.111	0.15	0.09
7	Head	WLAN5G	58	5290	11ac-80M	Tilt Left	0mm	\	Note2	100.00%	14.06	15.50	0.269	0.37	0.078	0.11	0.02
7	Head	WLAN5G	58	5290	11ac-80M	Cheek Right	0mm	\	Note2	100.00%	14.06	15.50	0.088	0.12	0.033	0.05	-0.02
7	Head	WLAN5G	58	5290	11ac-80M	Tilt Right	0mm	\	Note2	100.00%	14.06	15.50	0.143	0.20	0.050	0.07	-0.07
7	Head	WLAN5G	122	5610	11ac-80M	Cheek Left	0mm	\	Note2	100.00%	12.59	14.00	0.245	0.34	0.078	0.11	0.18
7	Head	WLAN5G	122	5610	11ac-80M	Tilt Left	0mm	\	Note2	100.00%	12.59	14.00	0.193	0.27	0.061	0.08	0.14
7	Head	WLAN5G	122	5610	11ac-80M	Cheek Right	0mm	\	Note2	100.00%	12.59	14.00	0.092	0.13	0.034	0.05	0.06
7	Head	WLAN5G	122	5610	11ac-80M	Tilt Right	0mm	\	Note2	100.00%	12.59	14.00	0.124	0.17	0.046	0.06	0.08
7	Head	WLAN5G	155	5775	11ac-80M	Cheek Left	0mm	\	Note2	100.00%	12.03	14.00	0.263	0.41	0.078	0.12	0.14
7	Head	WLAN5G	155	5775	11ac-80M	Tilt Left	0mm	\	Note2	100.00%	12.03	14.00	0.242	0.38	0.070	0.11	0.16
7	Head	WLAN5G	155	5775	11ac-80M	Cheek Right	0mm	\	Note2	100.00%	12.03	14.00	0.074	0.12	0.028	0.04	0.12
7	Head	WLAN5G	155	5775	11ac-80M	Tilt Right	0mm	\	Note2	100.00%	12.03	14.00	0.102	0.16	0.040	0.06	-0.19
7	Head	WLAN5G	42	5210	11ac-80M	Cheek Left	0mm	\	Note3	100.00%	11.18	13.00	0.223	0.34	0.060	0.09	0.09
7	Head	WLAN5G	42	5210	11ac-80M	Tilt Left	0mm	\	Note3	100.00%	11.18	13.00	0.181	0.28	0.051	0.08	0.01
7	Head	WLAN5G	42	5210	11ac-80M	Cheek Right	0mm	\	Note3	100.00%	11.18	13.00	0.037	0.06	0.015	0.02	-0.08
7	Head	WLAN5G	42	5210	11ac-80M	Tilt Right	0mm	\	Note3	100.00%	11.18	13.00	0.042	0.06	0.017	0.03	-0.09
7	Head	WLAN5G	58	5290	11ac-80M	Cheek Left	0mm	\	Note3	100.00%	11.37	13.00	0.178	0.26	0.065	0.09	-0.04
7	Head	WLAN5G	58	5290	11ac-80M	Tilt Left	0mm	\	Note3	100.00%	11.37	13.00	0.157	0.23	0.042	0.06	0.05
7	Head	WLAN5G	58	5290	11ac-80M	Cheek Right	0mm	\	Note3	100.00%	11.37	13.00	0.035	0.05	0.014	0.02	-0.1
7	Head	WLAN5G	58	5290	11ac-80M	Tilt Right	0mm	\	Note3	100.00%	11.37	13.00	0.054	0.08	0.020	0.03	-0.07
7	Head	WLAN5G	122	5610	11ac-80M	Cheek Left	0mm	\	Note3	100.00%	9.84	11.50	0.103	0.15	0.033	0.05	-0.11
7	Head	WLAN5G	122	5610	11ac-80M	Tilt Left	0mm	\	Note3	100.00%	9.84	11.50	0.089	0.13	0.027	0.04	-0.09
7	Head	WLAN5G	122	5610	11ac-80M	Cheek Right	0mm	\	Note3	100.00%	9.84	11.50	0.039	0.06	0.009	0.01	-0.13
7	Head	WLAN5G	122	5610	11ac-80M	Tilt Right	0mm	\	Note3	100.00%	9.84	11.50	0.042	0.06	0.009	0.01	0.09
7	Head	WLAN5G	155	5775	11ac-80M	Cheek Left	0mm	\	Note3	100.00%	9.56	11.50	0.124	0.19	0.039	0.06	0.18
7	Head	WLAN5G	155	5775	11ac-80M	Tilt Left	0mm	\	Note3	100.00%	9.56	11.50	0.133	0.21	0.037	0.06	-0.12
7	Head	WLAN5G	155	5775	11ac-80M	Cheek Right	0mm	\	Note3	100.00%	9.56	11.50	0.049	0.08	0.011	0.02	-0.17
7	Head	WLAN5G	155	5775	11ac-80M	Tilt Right	0mm	\	Note3	100.00%	9.56	11.50	0.039	0.06	0.016	0.03	0.18

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	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
7	Body	WLAN5G	46	5230	11n-40M	Front	10mm	\	Note1	100.00%	13.55	15.00	0.135	0.19	0.046	0.06	-0.18
7	Body	WLAN5G	46	5230	11n-40M	Rear	10mm	\	Note1	100.00%	13.55	15.00	0.318	0.44	0.105	0.15	-0.15
7	Body	WLAN5G	46	5230	11n-40M	Right	10mm	\	Note1	100.00%	13.55	15.00	0.236	0.33	0.089	0.12	0.09
7	Body	WLAN5G	46	5230	11n-40M	Top	10mm	\	Note1	100.00%	13.55	15.00	0.236	0.33	0.089	0.12	0.16
7	Body	WLAN5G	58	5290	11ac-80M	Front	10mm	\	Note1	100.00%	13.48	15.00	0.105	0.15	0.036	0.05	0.13
7	Body	WLAN5G	58	5290	11ac-80M	Rear	10mm	\	Note1	100.00%	13.48	15.00	0.300	0.43	0.102	0.14	0.08
7	Body	WLAN5G	58	5290	11ac-80M	Right	10mm	\	Note1	100.00%	13.48	15.00	0.260	0.37	0.099	0.14	0.12
7	Body	WLAN5G	58	5290	11ac-80M	Top	10mm	\	Note1	100.00%	13.48	15.00	0.228	0.32	0.091	0.13	-0.06
7	Body	WLAN5G	110	5550	11n-40M	Front	10mm	\	Note1	100.00%	14.73	16.00	0.160	0.21	0.056	0.08	-0.13
7	Body	WLAN5G	110	5550	11n-40M	Rear	10mm	\	Note1	100.00%	14.73	16.00	0.563	0.75	0.174	0.23	0.1
7	Body	WLAN5G	110	5550	11n-40M	Right	10mm	\	Note1	100.00%	14.73	16.00	0.326	0.44	0.120	0.16	-0.1
7	Body	WLAN5G	110	5550	11n-40M	Top	10mm	\	Note1	100.00%	14.73	16.00	0.350	0.47	0.138	0.18	0.18
7	Body	WLAN5G	155	5775	11ac-80M	Front	10mm	\	Note1	100.00%	15.59	17.50	0.168	0.26	0.058	0.09	0.12
7	Body	WLAN5G	155	5775	11ac-80M	Rear	10mm	FIG A.64	Note1	100.00%	15.59	17.50	0.638	0.99	0.209	0.32	0.09
7	Body	WLAN5G	155	5775	11ac-80M	Right	10mm	\	Note1	100.00%	15.59	17.50	0.329	0.51	0.124	0.19	0.01
7	Body	WLAN5G	155	5775	11ac-80M	Top	10mm	\	Note1	100.00%	15.59	17.50	0.440	0.68	0.171	0.27	-0.15
7	Body	WLAN5G	42	5210	11ac-80M	Front	10mm	\	Note2	100.00%	12.21	14.00	0.080	0.12	0.026	0.04	0.17
7	Body	WLAN5G	42	5210	11ac-80M	Rear	10mm	\	Note2	100.00%	12.21	14.00	0.220	0.33	0.063	0.10	-0.16
7	Body	WLAN5G	42	5210	11ac-80M	Right	10mm	\	Note2	100.00%	12.21	14.00	0.155	0.23	0.056	0.08	-0.05
7	Body	WLAN5G	42	5210	11ac-80M	Top	10mm	\	Note2	100.00%	12.21	14.00	0.174	0.26	0.061	0.09	0.02
7	Body	WLAN5G	58	5290	11ac-80M	Front	10mm	\	Note2	100.00%	12.41	14.00	0.070	0.10	0.022	0.03	0.06
7	Body	WLAN5G	58	5290	11ac-80M	Rear	10mm	\	Note2	100.00%	12.41	14.00	0.194	0.28	0.058	0.08	0.15
7	Body	WLAN5G	58	5290	11ac-80M	Right	10mm	\	Note2	100.00%	12.41	14.00	0.166	0.24	0.052	0.07	0.09
7	Body	WLAN5G	58	5290	11ac-80M	Top	10mm	\	Note2	100.00%	12.41	14.00	0.185	0.27	0.059	0.09	0.17
7	Body	WLAN5G	122	5610	11ac-80M	Front	10mm	\	Note2	100.00%	12.89	14.50	0.103	0.15	0.034	0.05	-0.01
7	Body	WLAN5G	122	5610	11ac-80M	Rear	10mm	\	Note2	100.00%	12.89	14.50	0.297	0.43	0.095	0.14	-0.03
7	Body	WLAN5G	122	5610	11ac-80M	Right	10mm	\	Note2	100.00%	12.89	14.50	0.226	0.33	0.075	0.11	0.08
7	Body	WLAN5G	122	5610	11ac-80M	Top	10mm	\	Note2	100.00%	12.89	14.50	0.307	0.44	0.105	0.15	0.12
7	Body	WLAN5G	155	5775	11ac-80M	Front	10mm	\	Note2	100.00%	14.02	16.00	0.138	0.22	0.045	0.07	0.07
7	Body	WLAN5G	155	5775	11ac-80M	Rear	10mm	\	Note2	100.00%	14.02	16.00	0.465	0.73	0.147	0.23	-0.08
7	Body	WLAN5G	155	5775	11ac-80M	Right	10mm	\	Note2	100.00%	14.02	16.00	0.294	0.46	0.098	0.15	0.04
7	Body	WLAN5G	155	5775	11ac-80M	Top	10mm	\	Note2	100.00%	14.02	16.00	0.347	0.55	0.130	0.21	-0.14
7	Body	WLAN5G	42	5210	11ac-80M	Front	10mm	\	Note3	100.00%	10.25	12.00	0.066	0.10	0.021	0.03	0.08
7	Body	WLAN5G	42	5210	11ac-80M	Rear	10mm	\	Note3	100.00%	10.25	12.00	0.144	0.22	0.047	0.07	0.18
7	Body	WLAN5G	42	5210	11ac-80M	Right	10mm	\	Note3	100.00%	10.25	12.00	0.130	0.19	0.041	0.06	-0.14
7	Body	WLAN5G	42	5210	11ac-80M	Top	10mm	\	Note3	100.00%	10.25	12.00	0.117	0.18	0.042	0.06	0.17
7	Body	WLAN5G	58	5290	11ac-80M	Front	10mm	\	Note3	100.00%	10.39	12.00	0.058	0.08	0.017	0.02	-0.18
7	Body	WLAN5G	58	5290	11ac-80M	Rear	10mm	\	Note3	100.00%	10.39	12.00	0.146	0.21	0.043	0.06	0.07
7	Body	WLAN5G	58	5290	11ac-80M	Right	10mm	\	Note3	100.00%	10.39	12.00	0.117	0.17	0.041	0.06	-0.08
7	Body	WLAN5G	58	5290	11ac-80M	Top	10mm	\	Note3	100.00%	10.39	12.00	0.101	0.15	0.036	0.05	-0.12
7	Body	WLAN5G	122	5610	11ac-80M	Front	10mm	\	Note3	100.00%	11.48	13.00	0.075	0.11	0.014	0.02	-0.09
7	Body	WLAN5G	122	5610	11ac-80M	Rear	10mm	\	Note3	100.00%	11.48	13.00	0.222	0.32	0.071	0.10	0.08
7	Body	WLAN5G	122	5610	11ac-80M	Right	10mm	\	Note3	100.00%	11.48	13.00	0.151	0.21	0.052	0.07	-0.07
7	Body	WLAN5G	122	5610	11ac-80M	Top	10mm	\	Note3	100.00%	11.48	13.00	0.146	0.21	0.055	0.08	-0.19
7	Body	WLAN5G	155	5775	11ac-80M	Front	10mm	\	Note3	100.00%	12.56	14.50	0.100	0.16	0.035	0.05	-0.02
7	Body	WLAN5G	155	5775	11ac-80M	Rear	10mm	\	Note3	100.00%	12.56	14.50	0.439	0.69	0.140	0.22	0.01
7	Body	WLAN5G	155	5775	11ac-80M	Right	10mm	\	Note3	100.00%	12.56	14.50	0.215	0.34	0.077	0.12	0.04
7	Body	WLAN5G	155	5775	11ac-80M	Top	10mm	\	Note3	100.00%	12.56	14.50	0.333	0.52	0.115	0.18	-0.11

15.4 SAR results for BT

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	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
7	Head	BT	78	2480	GFSK	Cheek Left	0mm	FIG A.65	Note1	\	14.80	15.00	0.130	0.14	0.062	0.06	0.16
7	Head	BT	78	2480	GFSK	Tilt Left	0mm	\	Note1	\	14.80	15.00	0.122	0.13	0.055	0.06	0.05
7	Head	BT	78	2480	GFSK	Cheek Right	0mm	\	Note1	\	14.80	15.00	0.043	0.05	0.024	0.03	0.15
7	Head	BT	78	2480	GFSK	Tilt Right	0mm	\	Note1	\	14.80	15.00	0.060	0.06	0.030	0.03	0.15
7	Head	BT	78	2480	GFSK	Cheek Left	0mm	\	Note2	\	10.57	11.00	0.045	0.05	0.022	0.02	0.09
7	Head	BT	78	2480	GFSK	Tilt Left	0mm	\	Note2	\	10.57	11.00	0.042	0.05	0.020	0.02	-0.01
7	Head	BT	78	2480	GFSK	Cheek Right	0mm	\	Note2	\	10.57	11.00	0.015	0.02	0.008	0.01	-0.17
7	Head	BT	78	2480	GFSK	Tilt Right	0mm	\	Note2	\	10.57	11.00	0.021	0.02	0.011	0.01	0.1
7	Body	BT	78	2480	GFSK	Front	10mm	\	Note1	\	17.02	17.50	0.080	0.09	0.042	0.05	0.11
7	Body	BT	78	2480	GFSK	Rear	10mm	\	Note1	\	17.02	17.50	0.101	0.11	0.050	0.06	0.18
7	Body	BT	78	2480	GFSK	Right	10mm	\	Note1	\	17.02	17.50	0.049	0.05	0.025	0.03	-0.01
7	Body	BT	78	2480	GFSK	Top	10mm	FIG A.66	Note1	\	17.02	17.50	0.105	0.12	0.054	0.06	0.09
7	Body	BT	78	2480	GFSK	Front	10mm	\	Note2	\	14.80	15.00	0.030	0.03	0.016	0.02	-0.17
7	Body	BT	78	2480	GFSK	Rear	10mm	\	Note2	\	14.80	15.00	0.038	0.04	0.018	0.02	0.11
7	Body	BT	78	2480	GFSK	Right	10mm	\	Note2	\	14.80	15.00	0.018	0.02	0.009	0.01	0.12
7	Body	BT	78	2480	GFSK	Top	10mm	\	Note2	\	14.80	15.00	0.039	0.04	0.020	0.02	0.13

15.5 SAR results for NFC

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

15.6 SAR results for Phablet

According to the KDB648474 D04, for smart phones, with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm, that can provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets and support voice calls next to the ear, unless it is confirmed otherwise through KDB inquiries, the following phablet procedures should be applied to evaluate SAR compliance for each applicable wireless modes and frequency band. Devices marketed as phablets, regardless of form factors and operating characteristics must be tested as a phablet to determine SAR compliance.

1. The normally required head and body-worn accessory SAR test procedures for handsets, including hotspot mode, must be applied.
2. The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB Publication 865664 D01 to address interactive hand use exposure conditions. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg; however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold. The normal tablet procedures in KDB Publication 616217 are required when the overall diagonal dimension of the device is > 20.0 cm. Hotspot mode SAR is not required when normal tablet procedures are applied. Extremity 10-g SAR is also not required for the front (top) surface of larger form factor full size tablets. The more conservative normal tablet SAR results can be used to support phablet mode 10-g extremity SAR.
3. The simultaneous transmission operating configurations applicable to voice and data transmissions for both phone and mini-tablet modes must be taken into consideration separately for 1-g and 10-g SAR to determine the simultaneous transmission SAR test exclusion and measurement requirements for the relevant wireless modes and exposure conditions

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

16 SAR Measurement Variability

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

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

- 1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
- 2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
- 3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
- 4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Original SAR 1g (W/kg)	First Repeated SAR 1g (W/kg)	The Ratio	Second Repeated SAR 1g (W/kg)
1	Body	N38	515000	2575	DFT-s-OFDM QPSK	Rear	10mm	0.825	0.785	1.05	/
1	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	0.855	0.823	1.04	/
1	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Tilt Right	0mm	0.977	0.957	1.02	/
1	Head	N66	349000	1745	CP-OFDM QPSK	Tilt Right	0mm	0.830	0.807	1.03	/
1	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Top	10mm	0.799	0.789	1.01	/
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	10mm	0.880	0.846	1.04	/
1	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Top	10mm	0.896	0.870	1.03	/
1	Body	N66	349000	1745	CP-OFDM 16QAM	Top	10mm	0.869	0.838	1.04	/
4	Head	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Cheek Right	0mm	1.040	1.020	1.02	/
4	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	0.937	0.918	1.02	/
4	Head	n77-L	630334	3445.01	DFT-s-OFDM QPSK	Cheek Right	0mm	0.937	0.909	1.03	/
4	Head	n77-L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	0.806	0.768	1.05	/
4	Head	n77-L	633334	3500.01	CP-OFDM QPSK	Cheek Right	0mm	0.911	0.892	1.02	/
4	Head	n77-L	636332	3544.98	DFT-s-OFDM QPSK	Cheek Right	0mm	0.972	0.937	1.04	/
4	Head	n77-H	654200	3813	DFT-s-OFDM QPSK	Cheek Right	0mm	1.010	0.973	1.04	/
4	Head	n77-H	647000	3705	DFT-s-OFDM QPSK	Cheek Right	0mm	0.851	0.829	1.03	/

17 Measurement Uncertainty

17.1 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	

17.2 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	

17.3 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	

17.4 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	

18 MAIN TEST INSTRUMENTS

Table 18.1: List of Main Instruments

No.	Name	Type	Serial Number	Calibration Date	Valid Period
01	Network analyzer	N5239A	MY55491241	May 21, 2024	One year
02	Power sensor	NRP50S	101488	June 5, 2024	One year
03	Power sensor	NRP50S	101489		
04	Signal Generator	MG3700A	6201052605	June 12 2024	One Year
05	Amplifier	60S1G4	0331848	No Calibration Requested	
06	BTS	CMW500	170618	April 8, 2024	One year
07	DAE	SPEAG DAE4	1807	May 14,2024	One year
08	E-field Probe	SPEAG EX3DV4	3846	June 19,2024	One year
09	DAE	SPEAG DAE4	1331	September 13,2024	One year
10	E-field Probe	SPEAG EX3DV4	7673	July 29,2024	One year
11	E-field Probe	SPEAG EX3DV4	7464	January 28,2025	One year
12	Dipole Validation Kit	SPEAG D750V3	1017	July 9,2024	One year
13	Dipole Validation Kit	SPEAG D835V2	4d069	July 9,2024	One year
14	Dipole Validation Kit	SPEAG D1750V2	1003	July 11,2024	One year
15	Dipole Validation Kit	SPEAG D1900V2	5d101	July 8,2024	One year
16	Dipole Validation Kit	SPEAG D2450V2	853	July 10,2024	One year
17	Dipole Validation Kit	SPEAG D2600V2	1012	July 10,2024	One year
18	Dipole Validation Kit	SPEAG D3500V2	1016	June 13,2024	One year
19	Dipole Validation Kit	SPEAG D3700V2	1004	June 13,2024	One year
20	Dipole Validation Kit	SPEAG D3900V2	1024	June 14,2024	One year
21	Dipole Validation Kit	SPEAG D5GHzV2	1060	June 12,2024	One year
22	Dipole Validation Kit	SPEAG CLA13	1009	May 21,2024	One year

END OF REPORT BODY

Appendixes

Refer to separated files for the following appendixes

ANNEX A Graph Results

ANNEX B System Verification Results

ANNEX C SAR Measurement Setup

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

ANNEX E Equivalent Media Recipes

ANNEX F System Validation

ANNEX G Probe Calibration Certificate

ANNEX H Dipole Calibration Certificate

ANNEX I Accreditation Certificate