



SAR TEST REPORT

No. 25T04Z100363-020

For

Luxshare Precision Limited

5G Mobile Phone

Model Name: TMRV08P5G

with

Hardware Version: V1.0

Software Version: TMRV08P5G_0.02.01

FCC ID: 2BNRMTMRV08P5G

Issued Date: 2025-07-07

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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**REPORT HISTORY**

Report Number	Revision	Issue Date	Description
25T04Z100363-020	Rev.0	2025-06-06	Initial creation of test report
25T04Z100363-020	Rev.1	2025-06-10	<ol style="list-style-type: none">1. Add TX frequency band information for LTE B48 and WIFI6E on page10.2. Add description for DSIs on page14/30/45/174 which should be consistent with the Power Level B1/C1/D1/E1 described in the tune-up procedure.
25T04Z100363-020	Rev.2	2025-07-07	<ol style="list-style-type: none">1. Add photos of Power Density test setup in the file: <The Photos of SAR test - 25T04Z100363-020>.2. Revise the results of Power Density on page298, which have been retested at 2mm distance.

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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: 2025-03-10

Testing End Date: 2025-07-02

1.5. Signature



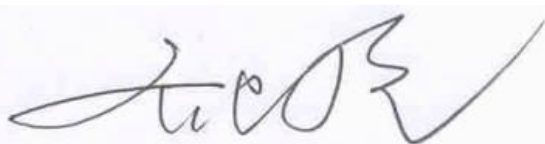
Yao Juming

(Prepared this test report)



Lin Jun

(Reviewed this test report)



Qi Dianyuan

Deputy Director of the laboratory

(Approved this test report)

2 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for Luxshare Precision Limited 5G Mobile Phone TMRV08P5G are as follows:

Table 2.1: Highest Reported SAR (1g)

Band	Antenna	Highest Reported SAR (1g)	
		1g SAR Head	1g SAR Body
GSM 850	ANT0	0.17	0.45
GSM 850	ANT2	0.97	0.73
PCS 1900	ANT1	0.07	0.98
PCS 1900	ANT4	1.11	0.67
WCDMA1900	ANT1	0.13	0.81
WCDMA1900	ANT4	0.64	0.76
WCDMA1700	ANT1	0.13	1.33
WCDMA1700	ANT4	0.79	1.01
WCDMA850	ANT0	0.03	0.08
WCDMA850	ANT2	0.93	0.75
LTE B7	ANT1	0.07	0.91
LTE B7	ANT4	0.64	1.15
LTE B12(B17)	ANT0	0.30	0.40
LTE B12(B17)	ANT2	0.47	0.41
LTE B13	ANT0	0.23	0.24
LTE B13	ANT2	0.40	0.45
LTE B14	ANT0	0.06	0.15
LTE B14	ANT2	0.59	0.76
LTE B25(B2)	ANT1	0.19	1.19
LTE B25(B2)	ANT4	0.66	1.19
LTE B26(B5)	ANT0	0.35	1.09
LTE B26(B5)	ANT2	0.78	0.77
LTE B41(B38) PC3	ANT1	0.07	0.43
LTE B41(B38) PC3	ANT4	0.88	0.58
LTE B41(B38) PC2	ANT1	0.11	0.66
LTE B41(B38) PC2	ANT4	0.72	0.80
LTE B48	ANT5	1.05	1.39
LTE B48	ANT7	1.04	0.89
LTE B48	ANT4	0.35	0.18
LTE B48	ANT2	0.73	0.23
LTE B66(B4)	ANT1	0.09	0.44
LTE B66(B4)	ANT4	0.78	0.98
LTE B71	ANT0	0.20	0.25
LTE B71	ANT2	0.52	0.49
n7	ANT1	0.09	0.78
n7	ANT4	0.88	0.59
n25	ANT1	0.18	0.82
n25	ANT4	0.67	0.71
n41(n38)	ANT1	0.14	0.81

n41(n38)	ANT4	0.79	1.02
n41(n38)	ANT3	0.84	0.74
n41(n38)	ANT8	1.39	0.38
n48	ANT5	0.49	0.69
n48	ANT7	0.65	0.79
n48	ANT4	0.57	1.02
n48	ANT2	0.64	0.66
n66	ANT1	0.08	0.52
n66	ANT4	0.75	0.76
n71	ANT0	0.18	0.21
n71	ANT2	0.46	0.42
n78	ANT5	0.65	1.33
n78	ANT7	0.51	0.78
n78	ANT4	1.31	1.32
n78	ANT2	0.97	0.30
WIFI 2.4G	ANT6	0.79	0.32
WIFI 2.4G	ANT9	0.68	0.89
WIFI 5G	ANT7	0.65	0.86
WIFI 5G	ANT9	0.74	0.58
WIFI 6E	ANT7	0.32	0.42
WIFI 6E	ANT9	0.09	0.07
BT	ANT6	0.13	0.06

Note1: Body-worn SAR results use more conservative hotspot results to evaluate the front and rear sides.

Note2: This DUT has NFC operations. The NFC antenna is integrated into the device for this model. According to KDB 447498 D01v06 and KDB 648474 D04 v01r03 chapter 8, all SAR tests were performed and evaluated with the device which already incorporates the NFC antenna.

Note3: This device supports both (LTE B2/B4/B5/B17/B38,5G NR n38) and (LTE B25/B66/B26/B12/41, 5G NR n41). Since the supported frequency span for (LTE B2/B4/B5/B17/B38,5G NR n38) falls completely within the supports frequency span for (LTE B25/B66/B26/B12/41, 5G NR n41), both bands have the same target power, and both bands share the same transmission path; therefore, SAR was only assessed for (LTE B25/B66/B26/B12/41, 5G NR n41).

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: 1.39 W/kg(1g)

Body: 1.39 W/kg(1g)

Table 2.2: Simultaneous Transmission-Head

	Position	Main antenna	WiFi MIMO	BT	Sum
Highest SAR value for Head	Right head, Cheek	0.88 (LTE B41 ANT4)	0.64 (WiFi2.4G)	0.05	1.57
Highest SAR value for Head	Right head, Cheek	0.88 (n7 ANT4)	0.64 (WiFi2.4G)	0.05	1.57

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

Table 2.3: Simultaneous Transmission-Body

	Position	Main antenna	WiFi MIMO	BT	Sum
Highest SAR value for Body	Right 10mm	0.38 (LTE B26 ANT0)	1.16 (WiFi5G)	0.05	1.59
Highest SAR value for Body	Right 10mm	0.38 (n41 ANT8)	1.16 (WiFi5G)	0.05	1.59

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

Table 2.4: Evaluation of Total exposure ratio for WWAN+WIFI6E(PD)+BT

	Position	Main antenna	WiFi 6E MIMO	BT	Total exposure ratio
Highest SAR value for Head	Right Tilt	0.96 (n78 ANT4)	2.24 (WiFi6E)	0.06	0.82
Highest SAR value for Body	Right 10mm	0.38 (LTE B28 ANT0)	6.95 (WiFi6E)	0.05	0.96

Conclusion:

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.

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.

Total exposure ratio calculated by taking ratio of reported SAR divided by SAR limit and adding it to measured power density divided by power density limit. Numerical sum of the two ratios is less than 1.

3 Client Information

3.1 Applicant Information

Company Name:	Luxshare Precision Limited
Address/Post:	Suite 1621, 16/F., Ocean Centre, Harbour City, 5 Canton Road, Tsim Sha Tsui, Kowloon.
Contact Person:	Ri Sa
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Telephone:	+8613917939276
Fax	/

3.2 Manufacturer Information

Company Name:	Luxshare Precision Limited
Address/Post:	Suite 1621, 16/F., Ocean Centre, Harbour City, 5 Canton Road, Tsim Sha Tsui, Kowloon.
Contact Person:	Ri Sa
Contact Email:	Rui.Sha@luxshare-ict.com
Telephone:	+8613917939276
Fax	/

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

4.1 About EUT

Description:	5G Mobile Phone
Model name:	TMRV08P5G
Tested Band:	GSM850/1900, WCDMA B2/4/5 LTE Band FDD:2/4/5/7/12/13/14/17/25/26/66/71 LTE Band TDD:38/41/48 5G NR n7/n25/n38/n41/n48/n66/n71/n78L BT, Wi-Fi(2.4G), Wi-Fi(5G), Wi-Fi(6E),NFC
Tx Frequency:	824 – 849 MHz (GSM 850) 1850 – 1910 MHz (GSM 1900) 824–849 MHz (WCDMA 850 Band V) 1710 – 1755 MHz (WCDMA 1700 Band IV) 1850–1910 MHz (WCDMA1900 Band II) 1850 – 1910 MHz(LTE Band 2) 1710 – 1755 MHz (LTE Band 4) 824 – 849 MHz (LTE Band 5) 2500 – 2570 MHz(LTE Band 7) 699 – 716 MHz (LTE Band 12) 777 –787 MHz (LTE Band 13) 788 –798 MHz (LTE Band 14) 704 –716 MHz (LTE Band 17) 1850 – 1915 MHz (LTE Band 25) 814 – 849 MHz (LTE Band 26) 2570 – 2620 MHz (LTE Band 38) 2496 – 2690 MHz (LTE Band 41) 3550 – 3700 MHz (LTE Band 48) 1710 – 1780 MHz (LTE Band 66) 663 – 698 MHz (LTE Band 71) 2412 – 2462 MHz (Wi-Fi 2.4G) 5180 – 5240 MHz (UNII-1) 5260 – 5320 MHz (UNII-2A) 5500 – 5720 MHz (UNII-2C) 5745 – 5825 MHz (UNII-3) 5925 – 6425 MHz (UNII-5) 6425 – 6525 MHz (UNII-6) 6525 – 6875 MHz (UNII-7) 6875 – 7125 MHz (UNII-8) 2400 – 2483.5 MHz (Bluetooth) 2500 – 2570 MHz (n7) 1850 – 1915 MHz (n25) 2570 – 2620 MHz (n38) 2496 – 2690 MHz (n41) 3550 – 3700 MHz (n48) 1710– 1780 MHz (n66) 3450 – 3550 MHz (n78L) 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	861370070031146/861990070031153	V1.0	TMRV08P5G_0.02.01
EUT2	861370070031229/861990070031237	V1.0	TMRV08P5G_0.02.01
EUT3	860049080012509/860049080012517	V1.0	TMRV08P5G_0.02.01
EUT4	861370070031187/861370070031195	V1.0	TMRV08P5G_0.02.01
EUT5	861370070030908/861370070030916	V1.0	TMRV08P5G_0.02.01
EUT6	861370070006528/861990070006536	V1.0	TMRV08P5G_0.02.01
EUT7	861370070001008/861990070001016	V1.0	TMRV08P5G_0.02.01
EUT8	861370070001321/861990070001339	V1.0	TMRV08P5G_0.02.01
EUT9	861370070003582/861990070003590	V1.0	TMRV08P5G_0.02.01
EUT10	861370070003541/861990070003558	V1.0	TMRV08P5G_0.02.01
EUT11	860049080015148/860049080015155	V1.0	TMRV08P5G_0.02.01

*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 EUT6~11.

4.3 Internal Identification of AE used during the test

AE ID*	Description	Model	SN	Manufacturer
AE1	Battery	TM002		Jiade Energy Technology(Zhuhai) Co.,Ltd.

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

5 TEST METHODOLOGY

5.1 Applicable Limit Regulations

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

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

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

RF Exposure limit for above 6GHz:

Peak Spatially Averaged Power Density was evaluated over a circular area of 4cm² per interim FCC Guidance for near-field power density evaluations per October 2018 TCB Workshop notes. Power Density is expressed in units of W/m² or mW/cm²

Human Exposure to Radiofrequency(RF) Radiation Limits		
Frequency Range (MHz)	Power Density (mW/cm ²)	Average Time (Minutes)
(A) Limits For Occupational/Controlled Environments		
1,500-100,000	5.0	6
(B) Limits For General Population/Uncontrolled Environments		
1,500-100,000	1.0	30

Note:1.0mW/cm² is 10 W/m²

5.2 Applicable Measurement Standards

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

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



5.3 KDB and Workshop Procedures

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

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

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

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

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

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

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

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

TCB Workshop April 27, 2022:RF Exposure Procedures

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

6 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 DSI).

DSI and Corresponding Exposure Scenarios

Scenario	Description
DSI 0(Power Level A1)	Body Sensor off
DSI 2(Power Level B1)	Head (Standalone)
DSI 3(Power Level C1)	Head (simultaneous transmission)
DSI 8(Power Level D1)	Body (Standalone)
DSI 13(Power Level E1)	Body (simultaneous transmission)

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

Band	ANT	Receiver ON	Receiver on+WLAN	Sensor on	Sensor on+WLAN	Pmax
		DSI-2	DSI-3	DSI-8	DSI-13	
GSM850	0	33	33	33	33	33
GSM850	2	31.5	30	31.5	31.5	31.5
GSM1900	1	30	30	29	29	30
GSM1900	4	28	26	30	30	30
WCDMA B2	1	24	24	19.5	19.5	24
WCDMA B2	4	18	18	23	23	24
WCDMA B4	1	24	24	19	19	24
WCDMA B4	4	19	19	24	22	24
WCDMA B5	0	24	24	24	24	24
WCDMA B5	2	23	21	23	23	23
B2	1	24	24	19.5	19.5	24
B2	4	18	18	23	21.5	24
B4	1	24	24	19	19	24
B4	4	19	19	22.5	22.5	24
B5	0	24	24	24	22	24
B5	2	22	20.5	22	22	22
B7	1	23	23	22	22	23
B7	4	15.5	15.5	23	20.5	23
B12	0	24	24	24	24	24
B12	2	19	19	19	19	19
B13	0	24	24	24	24	24
B13	2	19	19	19	19	19
B14	0	24	24	24	24	24
B14	2	22	22	22	22	22
B17	0	24	24	24	24	24
B17	2	19	19	19	19	19
B25	1	24	24	19.5	19.5	24
B25	4	18	18	23	21.5	24
B26	0	24	24	24	22	24
B26	2	22	20.5	22	22	22
B38-PC3	1	23	23	20.5	20.5	23
B38-PC3	4	18.1	18.1	23	23	23
B41-PC3	1	23	23	20.5	20.5	23
B41-PC3	4	18.1	18.1	23	23	23
B38-PC2	1	26	26	22	22	26
B38-PC2	4	20.5	20.5	26	26	26
B41-PC2	1	26	26	22	22	26
B41-PC2	4	20.5	20.5	26	26	26
B48	5	18.8	16.8	21.5	19.5	24
B48	7	17.8	16	22.5	21.5	23.2
B48	4	13.5	13.5	18.8	18.8	18.8
B48	2	18.8	18.8	18.8	18.8	18.8
B66	1	24	24	19	19	24
B66	4	19	19	22.5	22.5	24
B71	0	24	24	24	24	24
B71	2	19.5	19.5	19.5	19.5	19.5

Band	ANT	Receiver ON	Receiver on+WLAN	Sensor on	Sensor on+WLAN	Pmax
		DSI-2	DSI-3	DSI-8	DSI-13	
5G N7	1	23	23	22	22	23
5G N7	4	16.6	16.6	21	21	23
5G N25	1	24	24	19.7	19.7	24
5G N25	4	18.5	18.5	21	21	24
5G N38(100% duty)	1	26	26	18.2	18.2	26
5G N38(100% duty)	4	16.3	16.3	24	21.6	26
5G N38(100% duty)	3	25	25	22.9	22.9	25
5G N38(100% duty)	8	19.7	16.7	22	22	22
5G N41(100% duty)	1	26	26	18.2	18.2	26
5G N41(100% duty)	4	16.3	16.3	24	21.6	26
5G N41(100% duty)	3	25	25	22.9	22.9	25
5G N41(100% duty)	8	19.7	16.7	22	22	22
5G N48(100% duty)	5	16	16	18.7	18.7	24
5G N48(100% duty)	7	15.4	15.4	19.4	18	23.2
5G N48(100% duty)	4	16	16	18.8	18.8	18.8
5G N48(100% duty)	2	18.8	18.8	18.8	18.8	18.8
5G N66	1	24	24	18.8	18.8	24
5G N66	4	19.5	19.5	22.1	22.1	24
5G N71	0	24	24	24	24	24
5G N71	2	20	20	20	20	20
5G N78(100% duty)	5	16.2	16.2	18.7	18.7	26
5G N78(100% duty)	7	15.7	15.7	19.7	15.5	25.5
5G N78(100% duty)	4	16	15	22.5	20	22.5
5G N78(100% duty)	2	19	16	19	19	19

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

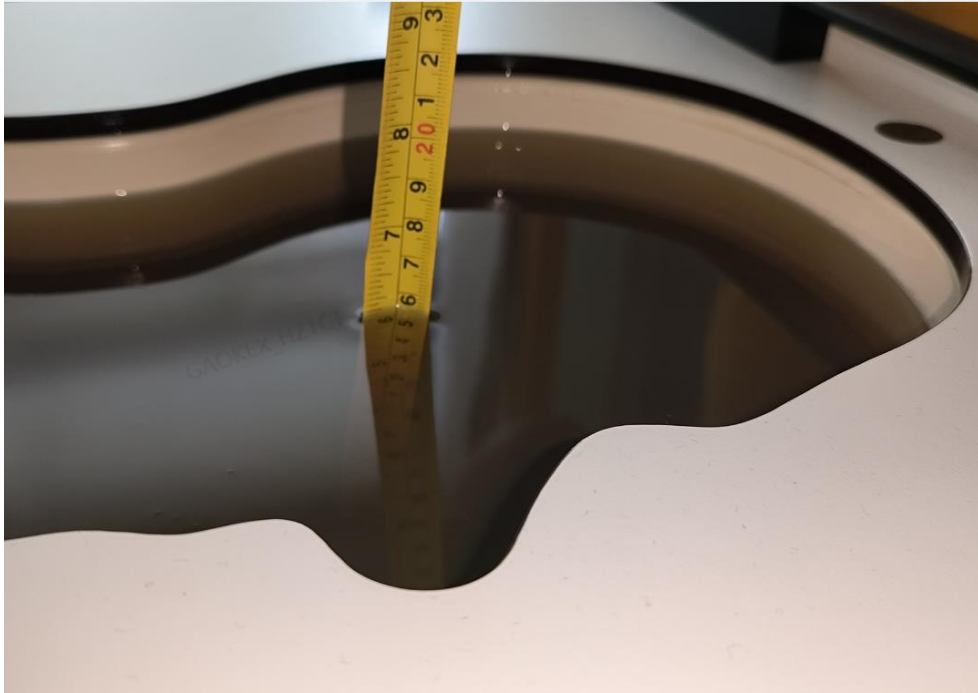
Frequency(MHz)	Liquid Type	Conductivity(σ)	$\pm 5\%$ Range	Permittivity(ϵ)	$\pm 5\%$ Range
750	Head	0.89	0.85~0.93	41.94	39.8~44.0
835	Head	0.90	0.86~0.95	41.5	39.4~43.6
1750	Head	1.37	1.30~1.44	40.08	38.1~42.1
1900	Head	1.40	1.33~1.47	40.0	38.0~42.0
2450	Head	1.80	1.62~1.98	39.2	35.28~43.12
2600	Head	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
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

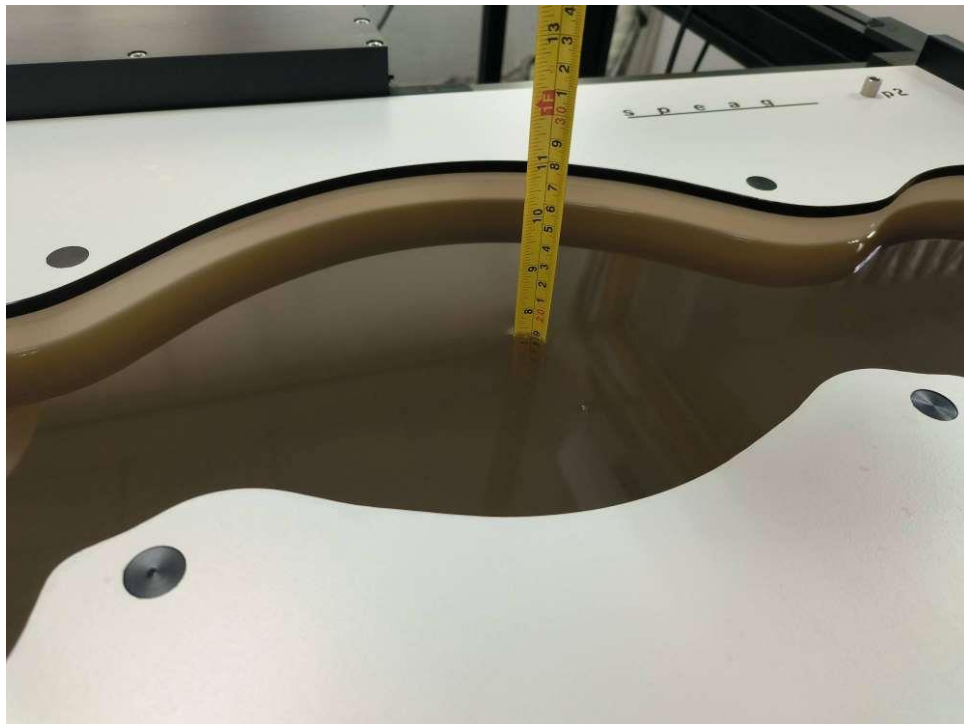
Table 8.3: Dielectric Performance of Tissue Simulating Liquid

Measurement Date (yyyy-mm-dd)	Type	Frequency	Permittivity ϵ	Drift (%)	Conductivity σ (S/m)	Drift (%)
2025/4/3	Head	750 MHz	41.41	-1.26%	0.856	-3.82%
2025/4/8	Head	750 MHz	41.576	-0.87%	0.882	-0.90%
2025/3/10	Head	835 MHz	41.211	-0.70%	0.912	1.33%
2025/3/13	Head	835 MHz	41.27	-0.55%	0.931	3.44%
2025/3/16	Head	1800 MHz	40.512	1.28%	1.43	2.14%
2025/3/19	Head	1800 MHz	40.422	1.05%	1.424	1.71%
2025/3/22	Head	1900 MHz	38.761	-3.10%	1.35	-3.57%
2025/3/25	Head	1900 MHz	38.852	-2.87%	1.363	-2.64%
2025/5/8	Head	2450 MHz	39.63	1.10%	1.781	-1.06%
2025/4/25	Head	2600 MHz	39.53	1.33%	1.95	-0.51%
2025/4/27	Head	2600 MHz	39.452	1.13%	2.035	3.83%
2025/4/30	Head	2600 MHz	39.24	0.59%	1.98	1.02%
2025/4/19	Head	3500 MHz	37.661	-0.71%	2.81	-3.44%
2025/4/20	Head	3500 MHz	37.665	-0.70%	2.845	-2.23%
2025/4/19	Head	3700 MHz	37.251	-1.19%	2.996	-3.97%
2025/4/20	Head	3700 MHz	37.215	-1.29%	3.19	2.24%
2025/5/15	Head	5250 MHz	36.91	2.73%	4.73	0.42%
2025/5/17	Head	5600 MHz	36.474	2.66%	4.96	-2.17%
2025/5/19	Head	5750 MHz	36.221	2.43%	5.072	-2.84%
2025/5/25	Head	6500 MHz	35.57	3.10%	5.884	-3.06%

Note: The liquid temperature is 22.0°C



Picture 1 Liquid depth in the Head Phantom

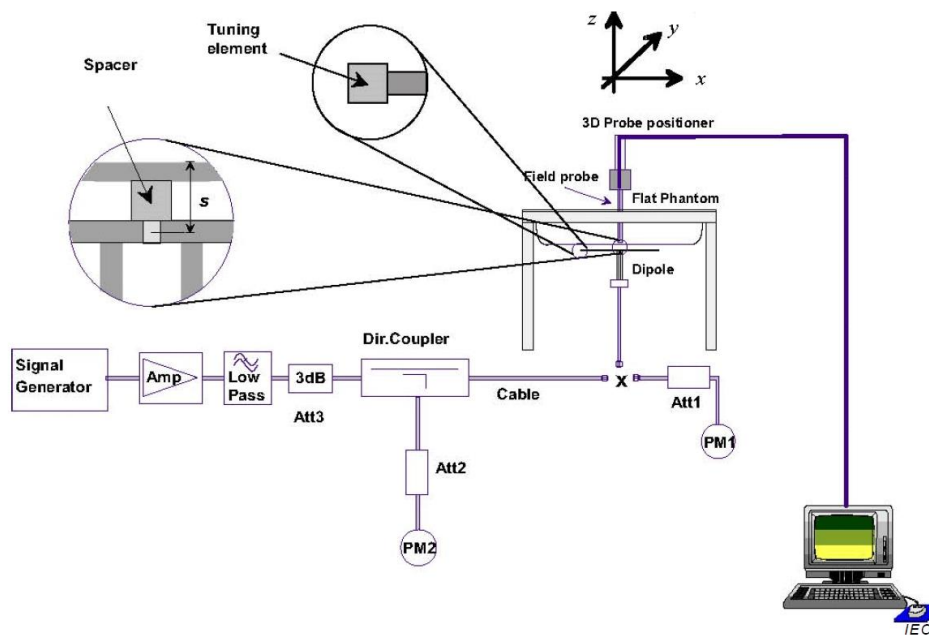


Picture 2 Liquid depth in the Flat Phantom

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 3 System Setup for System Evaluation



Picture 4 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.

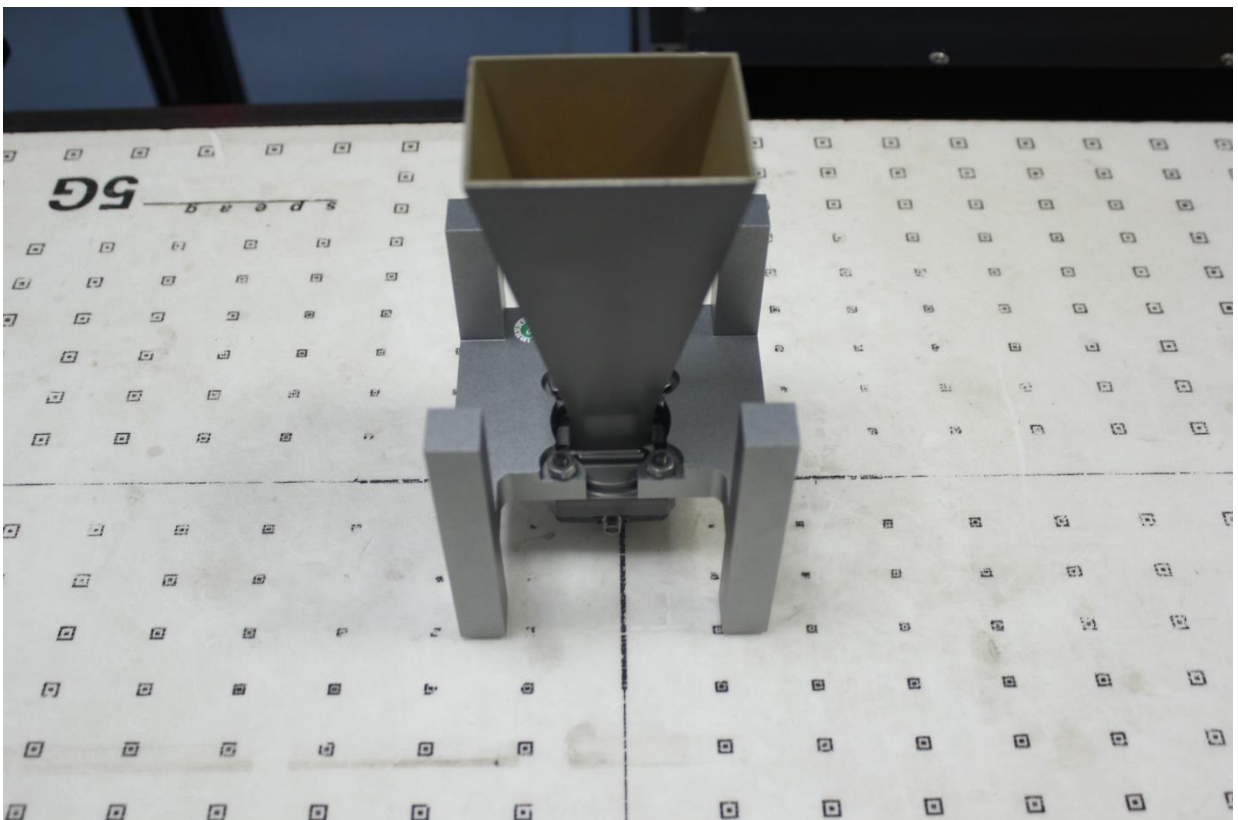
Table 9.1: System Verification of Head

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	5.6	8.6	1.27%	0.94%
2025/2/10	750 MHz	5.53	8.52	5.68	8.72	2.71%	2.35%
2025/2/10	835 MHz	6.09	9.47	5.84	9.08	-4.11%	-4.12%
2025/2/9	835 MHz	6.09	9.47	6	9.32	-1.48%	-1.58%
2025/2/13	1800 MHz	20.6	39.1	19.72	37.32	-4.27%	-4.55%
2025/2/13	1800 MHz	20.6	39.1	19.88	37.68	-3.50%	-3.63%
2025/2/11	1900 MHz	20.6	39.1	20.44	38.88	-0.78%	-0.56%
2025/2/9	1900 MHz	20.6	39.1	20.84	39.52	1.17%	1.07%
2025/2/22	2450 MHz	24.5	52.2	25.48	54.08	4.00%	3.60%
2025/2/15	2600 MHz	24.8	54.9	25	55.32	0.81%	0.77%
2025/2/17	2600 MHz	24.8	54.9	24.68	54.72	-0.48%	-0.33%
2025/2/15	2600 MHz	24.8	54.9	24.92	55.08	0.48%	0.33%
2025/3/1	3500 MHz	25.7	68	24.8	65.7	-3.50%	-3.38%
2025/3/2	3500 MHz	25.7	68	25.3	66.9	-1.56%	-1.62%
2025/3/1	3700 MHz	24.9	68.7	24.2	67.1	-2.81%	-2.33%
2025/3/2	3700 MHz	24.9	68.7	24.7	68.1	-0.80%	-0.87%
2025/2/24	5250 MHz	22.4	78.3	22.6	79	0.89%	0.89%
2025/2/25	5600 MHz	23.2	81.7	23.6	82.9	1.72%	1.47%
2025/2/26	5750 MHz	22.8	79.9	22.5	78.6	-1.32%	-1.63%
2025/3/4	6500 MHz	55	301	53.9	295	-2.00%	-1.99%

9.3 PD System Performance Check Results

The system was verified to be within ± 0.66 dB of the power density targets on the calibration certificate according to the test system specification in the user's manual and calibration facility recommendation. The 0.66 dB deviation threshold represents the expanded uncertainty for system performance checks using SPEAG's mmWave verification sources. The same spatial resolution and measurement region used in the source calibration was applied during the system check. The measured power density distribution of verification source was also confirmed through visual inspection to have no noticeable differences, both spatially (shape) and numerically (level) from the distribution provided by the manufacturer, per November 2017 TCBC Workshop Notes.

Date	Frequency (GHz)	5G Verification Source	Probe S/N	Distance (mm)	Measured 4cm ² (W/m ²)	Targeted 4cm ² (W/m ²)	Deviation (db)
2025/5/22	10	10GHz_1005	9492	10	55.5	54.8	0.06
2025/7/2	10	10GHz_1005	9492	10	53.1	54.8	-0.13



Picture 8.3 System Setup for System Evaluation

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 5.

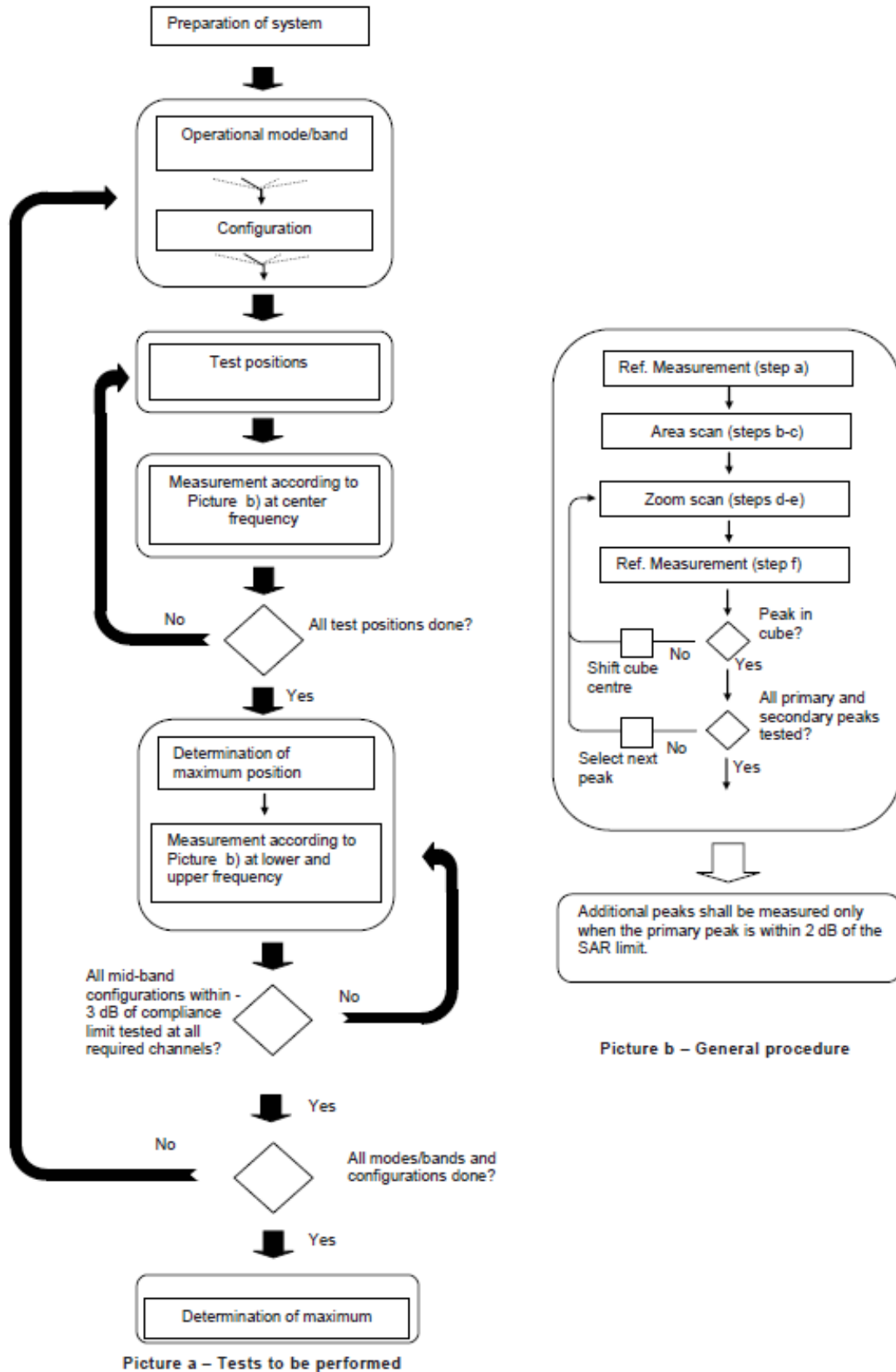
Step 1: The tests described in 9.2 shall be performed at the channel that is closest to the centre of the transmit frequency band (f_c) for:

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

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

Step 2: For the condition providing highest peak spatial-average SAR determined in Step 1, perform all tests described in 10.2 at all other test frequencies, i.e., lowest and highest frequencies. In addition, for all other conditions (device position, configuration and operational mode) where the peak spatial-average SAR value determined in Step 1 is 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 5 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 <i>reported</i> 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.

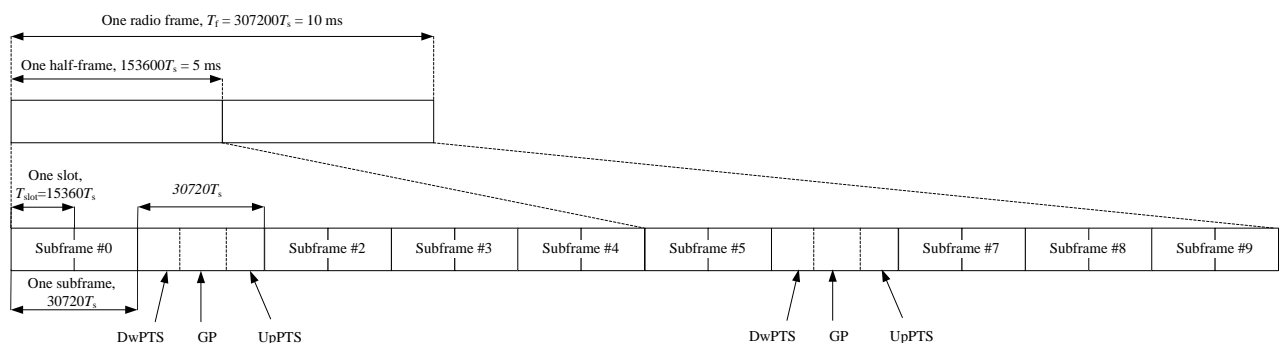


Figure 6: Frame structure type 2 (for 5 ms switch-point periodicity)

Table 10.1: 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 10.2: 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 WIFI6E Measurement Procedures for PD

The device was configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools.

Per equipment manufacturer guidance, power density was measured at $d = 2\text{mm}$ using the same grid size and grid step size for some frequencies and surfaces. The integrated Power Density (iPD) was calculated based on these measurements. Since iPD ratio between the two distances is $\geq -1\text{dB}$, the grid step was sufficient for determining compliance at $d = 2\text{mm}$.

10.8 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 section 14 labeled as: (Power Drift [dB]). This ensures that the power drift during one measurement is within 5%.

11 Conducted Output Power

Body Sensor off	Head Standalone	Head simultaneous transmission	Body Standalone	Body simultaneous transmission
DSI 0 (Power Level A1)	DSI 2 (Power Level B1)	DSI 3 (Power Level C1)	DSI 8 (Power Level D1)	DSI 13 (Power Level E1)

11.1 GSM Measurement result

GSM850(ANT0 DSI0/2/3/8/13)

GSM 850 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	32.79	32.32	32.45	34.00	/	/	/	/
GSM 850 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	32.41	32.49	32.45	34.00	-9.03	23.38	23.46	23.42
2 Txslots	29.86	29.90	29.81	31.50	-6.02	23.84	23.88	23.79
3Txslots	28.15	28.52	28.38	29.50	-4.26	23.89	24.26	24.12
4 Txslots	26.02	26.88	26.85	28.00	-3.01	23.01	23.87	23.84
GSM 850 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	32.22	32.52	32.46	34.00	-9.03	23.19	23.49	23.43
2 Txslots	29.81	29.93	29.84	31.50	-6.02	23.79	23.91	23.82
3Txslots	28.13	28.55	28.41	29.50	-4.26	23.87	24.29	24.15
4 Txslots	26.02	26.91	26.88	28.00	-3.01	23.01	23.90	23.87
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	26.56	26.54	26.51	27.50	-9.03	17.53	17.51	17.48
2 Txslots	23.93	23.92	23.91	25.00	-6.02	17.91	17.90	17.89
3Txslots	22.42	22.44	22.74	23.50	-4.26	18.16	18.18	18.48
4 Txslots	21.70	21.71	21.92	22.50	-3.01	18.69	18.70	18.91

GSM850(ANT2 DSI0/2/8/13)

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	31.94	32.20	32.45	33.00	/	/	/	/
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	31.58	32.03	32.36	33.00	-9.03	22.55	23.00	23.33
2 Txslots	28.52	28.63	28.72	30.50	-6.02	22.50	22.61	22.70
3Txslots	26.89	27.34	28.12	28.50	-4.26	22.63	23.08	23.86
4 Txslots	25.20	25.43	25.89	27.00	-3.01	22.19	22.42	22.88
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	31.92	32.01	32.30	33.00	-9.03	22.89	22.98	23.27
2 Txslots	28.51	28.57	28.72	30.50	-6.02	22.49	22.55	22.70
3Txslots	27.55	27.27	28.06	28.50	-4.26	23.29	23.01	23.80
4 Txslots	25.28	25.63	25.84	27.00	-3.01	22.27	22.62	22.83
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	24.69	24.96	25.15	26.50	-9.03	15.66	15.93	16.12
2 Txslots	22.04	22.25	22.54	24.00	-6.02	16.02	16.23	16.52
3Txslots	20.52	20.28	20.94	22.00	-4.26	16.26	16.02	16.68
4 Txslots	19.67	20.01	20.09	21.50	-3.01	16.66	17.00	17.08

GSM850(ANT2 DSI3)

GSM 850 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	30.11	30.25	30.35	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	30.20	30.04	30.21	31.50	-9.03	21.17	21.01	21.18
2 Txslots	26.62	26.87	27.03	28.00	-6.02	20.60	20.85	21.01
3Txslots	24.73	24.97	25.15	26.20	-4.26	20.47	20.71	20.89
4 Txslots	23.44	23.66	24.07	25.00	-3.01	20.43	20.65	21.06
GSM 850 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	30.15	29.93	30.12	31.50	-9.03	21.12	20.90	21.09
2 Txslots	26.60	26.75	26.95	28.00	-6.02	20.58	20.73	20.93
3Txslots	24.75	24.99	25.05	26.20	-4.26	20.49	20.73	20.79
4 Txslots	23.64	23.85	23.98	25.00	-3.01	20.63	20.84	20.97
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	24.91	25.33	25.43	26.50	-9.03	15.88	16.30	16.40
2 Txslots	21.95	22.02	22.24	24.00	-6.02	15.93	16.00	16.22
3Txslots	20.31	20.71	20.74	22.00	-4.26	16.05	16.45	16.48
4 Txslots	19.53	19.82	19.86	21.50	-3.01	16.52	16.81	16.85

GSM1900(ANT1 DSI0/2/3)

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	30.60	30.61	30.70	31.00	/	/	/	/
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	30.57	30.55	30.66	31.00	-9.03	21.54	21.52	21.63
2 Txslots	26.62	26.70	26.71	28.00	-6.02	20.60	20.68	20.69
3Txslots	24.70	24.79	24.80	26.50	-4.26	20.44	20.53	20.54
4 Txslots	23.49	22.66	23.70	25.00	-3.01	20.48	19.65	20.69
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	30.59	30.55	30.66	31.00	-9.03	21.56	21.52	21.63
2 Txslots	26.64	26.73	26.71	28.00	-6.02	20.62	20.71	20.69
3Txslots	24.70	24.81	24.80	26.50	-4.26	20.44	20.55	20.54
4 Txslots	23.52	22.67	23.75	25.00	-3.01	20.51	19.66	20.74
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	25.39	25.48	25.62	26.50	-9.03	16.36	16.45	16.59
2 Txslots	22.37	22.47	22.50	24.00	-6.02	16.35	16.45	16.48
3Txslots	20.97	20.91	20.88	22.50	-4.26	16.71	16.65	16.62
4 Txslots	19.84	19.83	19.79	21.50	-3.01	16.83	16.82	16.78

GSM1900(ANT1 DSI8/13)

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	29.03	28.75	29.11	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	29.07	28.85	28.98	30.50	-9.03	20.04	19.82	19.95
2 Txslots	25.65	25.81	25.80	27.50	-6.02	19.63	19.79	19.78
3Txslots	23.73	23.82	24.04	25.50	-4.26	19.47	19.56	19.78
4 Txslots	22.58	22.78	22.91	24.50	-3.01	19.57	19.77	19.90
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	28.80	28.71	28.86	30.50	-9.03	19.77	19.68	19.83
2 Txslots	25.44	25.68	25.70	27.50	-6.02	19.42	19.66	19.68
3Txslots	23.55	23.70	23.92	25.50	-4.26	19.29	19.44	19.66
4 Txslots	22.44	22.68	22.80	24.50	-3.01	19.43	19.67	19.79
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	25.74	26.01	25.91	26.00	-9.03	16.71	16.98	16.88
2 Txslots	22.98	22.75	23.30	24.00	-6.02	16.96	16.73	17.28
3Txslots	20.92	20.95	20.95	21.00	-4.26	16.66	16.82	16.81
4 Txslots	19.98	19.95	19.95	20.00	-3.01	17.06	17.35	17.22

GSM1900(ANT4 DSI2)

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	27.73	27.83	27.60	29.50	/	/	/	/
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	27.72	27.79	27.55	29.50	-9.03	18.69	18.76	18.52
2 Txslots	24.40	24.64	24.67	26.50	-6.02	18.38	18.62	18.65
3Txslots	23.19	23.23	22.94	24.50	-4.26	18.93	18.97	18.68
4 Txslots	21.56	21.64	21.41	23.50	-3.01	18.55	18.63	18.40
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	27.65	27.69	27.47	29.50	-9.03	18.62	18.66	18.44
2 Txslots	24.34	24.56	24.58	26.50	-6.02	18.32	18.54	18.56
3Txslots	23.10	23.14	22.83	24.50	-4.26	18.84	18.88	18.57
4 Txslots	21.46	21.52	21.31	23.50	-3.01	18.45	18.51	18.30
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	25.46	25.79	25.76	26.00	-9.03	16.43	16.76	16.73
2 Txslots	22.33	22.66	22.74	24.00	-6.02	16.31	16.64	16.72
3Txslots	20.81	20.92	20.39	21.00	-4.26	16.55	16.66	16.13
4 Txslots	19.85	19.95	19.51	20.00	-3.01	16.84	17.06	16.50

GSM1900(ANT4 DSI3)

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	26.02	25.70	26.08	27.50	/	/	/	/
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	26.20	26.29	26.37	27.50	-9.03	17.17	17.26	17.34
2 Txslots	22.55	22.83	22.93	24.00	-6.02	16.53	16.81	16.91
3Txslots	20.84	21.03	20.98	22.00	-4.26	16.58	16.77	16.72
4 Txslots	19.65	19.96	19.94	21.00	-3.01	16.64	16.95	16.93
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	26.08	26.29	26.36	27.50	-9.03	17.05	17.26	17.33
2 Txslots	22.75	22.85	22.91	24.00	-6.02	16.73	16.83	16.89
3Txslots	20.87	21.04	20.98	22.00	-4.26	16.61	16.78	16.72
4 Txslots	19.69	19.96	19.94	21.00	-3.01	16.68	16.95	16.93
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	25.21	25.35	26.00	-9.03	16.03	16.18	16.32
2 Txslots	22.00	22.16	22.25	23.50	-6.02	15.98	16.14	16.23
3Txslots	20.81	20.86	20.77	21.00	-4.26	16.55	16.60	16.51
4 Txslots	19.63	19.74	19.64	20.00	-3.01	16.62	16.73	16.63

GSM1900(ANT4 DSI0/8/13)

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	30.60	30.61	30.70	31.00	/	/	/	/
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	30.57	30.55	30.66	31.00	-9.03	21.54	21.52	21.63
2 Txslots	26.62	26.70	26.71	28.00	-6.02	20.60	20.68	20.69
3Txslots	24.70	24.79	24.80	26.00	-4.26	20.44	20.53	20.54
4 Txslots	23.49	22.66	23.70	25.00	-3.01	20.48	19.65	20.69
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	30.59	30.55	30.66	31.00	-9.03	21.56	21.52	21.63
2 Txslots	26.64	26.73	26.71	28.00	-6.02	20.62	20.71	20.69
3Txslots	24.70	24.81	24.80	26.00	-4.26	20.44	20.55	20.54
4 Txslots	23.52	22.67	23.75	25.00	-3.01	20.51	19.66	20.74
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	25.39	25.48	25.62	26.00	-9.03	16.36	16.45	16.59
2 Txslots	22.37	22.47	22.50	24.00	-6.02	16.35	16.45	16.48
3Txslots	20.97	20.91	20.88	21.00	-4.26	16.71	16.65	16.62
4 Txslots	19.84	19.83	19.79	20.00	-3.01	16.83	16.82	16.78

11.2 WCDMA Measurement result

WCDMA1900(ANT1 DSI0/2/3)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	24.05	24.08	24.01	25.00
HSUPA	1	20.96	21.06	21.12	21.50
	2	20.44	20.56	20.62	21.50
	3	20.96	21.06	21.09	22.00
	4	20.92	21.08	21.13	22.00
	5	21.04	21.12	21.15	22.00
HSPA+	\	20.47	20.58	20.71	21.50
DC-HSDPA	1	21.74	22.03	22.05	23.50
	2	21.83	21.94	22.02	23.50
	3	19.26	19.55	19.62	20.50
	4	19.27	19.54	19.48	20.50

WCDMA1900(ANT1 DSI8/13)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	19.75	19.72	19.74	21.00
HSUPA	1	18.46	18.50	18.61	19.80
	2	17.96	18.01	18.14	19.30
	3	18.43	18.49	18.65	19.80
	4	18.51	18.58	18.54	19.80
	5	18.47	18.61	18.57	19.80
HSPA+	\	18.02	18.12	18.15	19.30
DC-HSDPA	1	17.34	17.52	17.48	18.80
	2	17.28	17.42	17.51	18.80
	3	16.85	17.02	17.01	18.30
	4	16.81	16.98	17.06	18.30

WCDMA1900(ANT4 DSI0)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	23.26	23.48	23.36	25.00
HSUPA	1	20.39	20.37	20.35	21.50
	2	19.89	19.88	19.89	21.50
	3	20.26	20.29	20.29	21.50
	4	20.4	20.38	20.36	21.50
	5	20.33	20.34	20.34	22.00
HSPA+	\	19.17	19.17	19.14	21.00
DC-HSDPA	1	19.3	19.33	19.38	20.50
	2	18.57	18.53	18.51	19.50
	3	18.02	18.00	17.95	19.50
	4	18.13	18.11	18.13	19.50

WCDMA1900(ANT4 DSI2/3)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	17.85	18.12	18.05	19.50
HSUPA	1	16.78	16.86	16.96	18.30
	2	16.25	16.34	16.36	17.80
	3	16.84	16.97	16.86	18.30
	4	16.86	16.85	16.87	18.30
	5	16.78	16.91	16.97	18.30
HSPA+	\	16.44	16.49	16.52	17.80
DC-HSDPA	1	15.81	15.86	15.82	17.30
	2	15.02	15.10	15.06	16.50
	3	14.53	14.49	14.51	15.80
	4	14.48	14.56	14.46	15.80

WCDMA1900(ANT4 DSI8/13)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	23.15	23.41	23.32	24.50
HSUPA	1	20.13	20.04	20.06	21.30
	2	19.57	19.61	19.64	20.80
	3	19.94	20.04	19.96	21.30
	4	20.09	20.09	20.10	21.30
	5	20.03	20.01	20.05	21.30
HSPA+	\	18.83	18.83	18.84	19.80
DC-HSDPA	1	19	19.06	19.06	20.30
	2	18.22	18.28	18.21	19.30
	3	17.69	17.67	17.69	18.80
	4	17.84	17.83	17.79	18.80

WCDMA1700(ANT1 DSI0/2/3)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	24.11	24.15	24.13	25.00
HSUPA	1	21.25	21.16	21.09	21.50
	2	20.77	20.81	20.61	21.50
	3	21.12	21.27	21.09	21.50
	4	21.24	21.20	21.13	22.00
	5	21.27	21.33	21.14	22.50
HSPA+	\	20.85	20.76	20.70	22.50
DC-HSDPA	1	22.14	22.16	22.09	23.50
	2	22.06	22.16	22.02	23.50
	3	19.62	19.77	19.60	20.50
	4	19.73	19.67	19.56	20.50

WCDMA1700(ANT1 DSI8/13)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	19.11	19.14	19.07	20.50
HSUPA	1	17.88	17.93	17.85	19.30
	2	17.46	17.50	17.41	18.80
	3	18.02	17.94	17.83	19.30
	4	17.96	17.99	17.83	19.30
	5	18.01	17.96	17.88	19.30
HSPA+	\	17.48	17.55	17.42	18.80
DC-HSDPA	1	16.84	16.97	16.88	18.30
	2	16.79	16.94	16.84	18.30
	3	16.26	16.46	16.45	17.80
	4	16.36	16.43	16.40	17.80

WCDMA1700(ANT4 DSI0/8)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	23.55	23.58	23.52	25.00
HSUPA	1	20.44	20.45	20.42	21.50
	2	19.95	19.91	19.91	21.50
	3	20.37	20.34	20.38	21.50
	4	20.36	20.39	20.38	22.00
	5	20.46	20.48	20.48	21.50
HSPA+	\	19.14	19.11	19.12	20.50
DC-HSDPA	1	19.37	19.40	19.37	20.50
	2	18.59	18.63	18.58	20.00
	3	18.15	18.16	18.16	19.50
	4	18.07	18.08	18.05	19.50

WCDMA1700(ANT4 DSI2/3)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	18.99	19.07	18.98	20.50
HSUPA	1	17.86	17.89	17.77	19.30
	2	17.39	17.42	17.34	18.80
	3	17.90	17.91	17.87	19.30
	4	17.85	17.92	17.82	19.30
	5	17.91	17.96	17.89	19.30
HSPA+	\	17.42	17.50	17.52	18.80
DC-HSDPA	1	16.78	16.88	16.74	18.30
	2	15.97	16.03	16.09	17.50
	3	15.49	15.59	15.54	17.00
	4	15.51	15.56	15.41	17.00

WCDMA1700(ANT4 DSI13)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	21.86	21.90	21.95	23.50
HSUPA	1	21.08	21.02	20.98	22.60
	2	20.53	20.65	20.49	22.10
	3	21.06	21.01	20.96	22.60
	4	21.02	21.12	21.04	22.60
	5	21.05	21.09	20.98	22.60
HSPA+	\	20.47	20.64	20.53	22.10
DC-HSDPA	1	19.98	20.02	19.96	21.60
	2	19.87	20.06	19.97	21.60
	3	19.39	19.59	19.46	21.10
	4	19.50	19.56	19.47	21.10

WCDMA850(ANT0 DSI0/2/3/8/13)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	24.45	24.60	24.56	25.00
HSUPA	1	23.19	23.34	23.21	24.00
	2	22.74	22.88	22.73	23.50
	3	23.25	23.27	23.20	24.00
	4	23.2	23.36	23.21	24.00
	5	23.25	23.33	23.28	24.00
HSPA+	\	22.75	22.87	22.80	23.70
DC-HSDPA	1	22.08	22.24	22.25	23.00
	2	22.03	22.15	22.24	23.00
	3	21.58	21.77	21.65	22.50
	4	21.50	21.72	21.67	22.50

WCDMA850(ANT2 DSI0/2/8/13)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	23.07	23.1	23.18	24.00
HSUPA	1	22.22	22.27	22.25	24.00
	2	21.76	21.78	21.81	23.50
	3	22.27	22.3	22.33	24.00
	4	22.47	22.42	22.41	24.00
	5	22.39	22.36	22.38	24.00
HSPA+	\	21.86	21.84	21.84	23.70
DC-HSDPA	1	21.15	21.11	21.08	23.00
	2	21.09	21.08	21.11	23.00
	3	20.62	20.61	20.61	22.50
	4	20.63	20.67	20.67	22.50

WCDMA850(ANT2 DSI3)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	21.02	21.05	21.10	22.50
HSUPA	1	19.67	19.94	20.04	21.30
	2	19.16	19.38	19.50	20.80
	3	19.71	19.88	20.05	21.30
	4	19.64	19.95	20.06	21.30
	5	19.74	19.87	20.11	21.30
HSPA+	\	19.23	19.47	19.50	20.80
DC-HSDPA	1	18.60	18.96	19.14	20.30
	2	18.67	18.88	19.04	20.30
	3	18.16	18.45	18.58	20.00
	4	18.16	18.28	18.53	19.80

11.3 LTE Measurement result

Table 11.1: The maximum output power(Tune-up Limit)

Band	ANT	Body Sensor off	Head Standalone	Head simultaneous transmission	Body Standalone	Body simultaneous transmission
		DSI 0 (Power Level A1)	DSI 2 (Power Level B1)	DSI 3 (Power Level C1)	DSI 8 (Power Level D1)	DSI 13 (Power Level E1)
LTE B7	1	24	24	24	22.5	22.5
LTE B7	4	24	17	17	24	22
LTE B12	0	25	25	25	25	25
LTE B12	2	20	20	20	20	20
LTE B13	0	25	25	25	25	25
LTE B13	2	20	20	20	20	20
LTE B14	0	25	25	25	25	25
LTE B14	2	23	23	23	23	23
LTE B25	1	25	25	25	21	21
LTE B25	4	25	19.5	19.5	24.5	23
LTE B26	0	25	25	25	25	23.5
LTE B26	2	23	23	22	23	23
LTE B41 PC3	1	24	24	24	22	22
LTE B41 PC3	4	24	19.6	19.6	24	24
LTE B41 PC2	1	27	27	27	23.5	23.5
LTE B41 PC2	4	27	22	22	27	27
LTE B48	5	25	20.3	18.3	23	21
LTE B48	7	24.2	19.3	17.5	24	23
LTE B48	4	19.8	15	15	19.8	19.8
LTE B48	2	19.8	19.8	19.8	19.8	19.8
LTE B66	1	25	25	25	20.5	20.5
LTE B66	4	25	20.5	20.5	24	24
LTE B71	0	25	25	25	25	25
LTE B71	2	20.5	20.5	20.5	20.5	20.5

Table 11.2: Maximum Power Reduction (MPR) for LTE

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

LTE Band7(ANT1 DSI0/2/3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	2567.5 (21425)	23.23	22.54	21.37	18.24	
		2535 (21100)	23.33	22.76	21.46	18.33	
		2502.5 (20775)	23.15	22.53	21.29	18.14	
	1RB-Middle (12)	2567.5 (21425)	23.32	22.58	21.48	18.34	
		2535 (21100)	23.34	22.67	21.51	17.98	
		2502.5 (20775)	23.24	22.45	21.50	18.15	
	1RB-Low (0)	2567.5 (21425)	23.25	22.59	21.55	17.99	
		2535 (21100)	23.21	22.77	21.53	18.14	
		2502.5 (20775)	23.17	22.57	21.41	18.35	
	12RB-High (13)	2567.5 (21425)	22.38	21.41	20.38	18.35	
		2535 (21100)	22.28	21.36	20.39	18.07	
		2502.5 (20775)	22.28	21.39	20.25	18.23	
	12RB-Middle (6)	2567.5 (21425)	22.44	21.45	20.47	18.02	
		2535 (21100)	22.41	21.37	20.38	18.05	
		2502.5 (20775)	22.30	21.38	20.31	18.15	
	12RB-Low (0)	2567.5 (21425)	22.35	21.32	20.40	18.26	
		2535 (21100)	22.24	21.34	20.30	18.18	
		2502.5 (20775)	22.25	21.32	20.25	18.06	
	25RB (0)	2567.5 (21425)	22.32	21.31	20.29	18.29	
		2535 (21100)	22.27	21.35	20.24	18.04	
		2502.5 (20775)	22.26	21.31	20.26	18.17	
	10MHz	1RB-High (49)	2565 (21400)	23.38	22.66	21.41	18.12
			2535 (21100)	23.29	22.79	21.41	18.22
			2505 (20800)	23.26	22.80	21.42	18.25
1RB-Middle (24)		2565 (21400)	23.37	22.60	21.41	18.24	
		2535 (21100)	23.42	22.73	21.44	18.02	
		2505 (20800)	23.23	22.54	21.43	18.15	
1RB-Low (0)		2565 (21400)	23.38	22.56	21.55	18.01	
		2535 (21100)	23.27	22.59	21.43	18.38	
		2505 (20800)	23.20	22.53	21.35	18.02	
25RB-High (25)		2565 (21400)	22.41	21.46	20.40	18.29	
		2535 (21100)	22.38	21.37	20.38	18.19	
		2505 (20800)	22.30	21.23	20.29	18.36	
25RB-Middle (12)		2565 (21400)	22.48	21.44	20.46	18.17	
		2535 (21100)	22.30	21.39	20.30	17.99	
		2505 (20800)	22.27	21.33	20.35	18.38	
25RB-Low (0)		2565 (21400)	22.40	21.50	20.43	18.29	
		2535 (21100)	22.29	21.31	20.33	18.11	

		2505 (20800)	22.29	21.26	20.27	18.14
	50RB (0)	2565 (21400)	22.40	21.41	20.39	18.10
		2535 (21100)	22.26	21.22	20.16	18.21
		2505 (20800)	22.31	21.29	20.30	18.26
15MHz	1RB-High (74)	2562.5 (21375)	23.08	22.39	21.36	18.17
		2535 (21100)	23.01	22.46	21.12	18.34
		2507.5 (20825)	23.26	22.55	21.11	18.36
	1RB-Middle (37)	2562.5 (21375)	23.15	22.62	21.27	18.06
		2535 (21100)	23.06	22.48	21.21	18.15
		2507.5 (20825)	23.01	22.27	21.21	18.18
	1RB-Low (0)	2562.5 (21375)	23.21	22.31	21.32	18.13
		2535 (21100)	23.11	22.61	21.38	18.00
		2507.5 (20825)	22.92	22.19	21.05	18.31
	36RB-High (38)	2562.5 (21375)	22.25	21.22	20.25	18.24
		2535 (21100)	22.22	21.19	20.17	18.08
		2507.5 (20825)	22.14	21.10	20.10	18.20
	36RB-Middle (19)	2562.5 (21375)	22.27	21.26	20.27	18.04
		2535 (21100)	22.13	21.19	20.18	18.02
		2507.5 (20825)	22.17	21.13	20.12	18.33
	36RB-Low (0)	2562.5 (21375)	22.20	21.24	20.24	18.32
		2535 (21100)	22.09	21.19	20.08	18.10
		2507.5 (20825)	22.09	21.07	20.05	18.25
	75RB (0)	2562.5 (21375)	22.30	21.31	20.22	18.21
		2535 (21100)	22.14	21.21	20.22	18.29
		2507.5 (20825)	22.18	21.13	20.17	18.37
20MHz	1RB-High (99)	2560 (21350)	23.00	22.39	21.16	18.29
		2535 (21100)	22.99	22.40	21.17	18.25
		2510 (20850)	22.92	22.51	21.21	18.38
	1RB-Middle (50)	2560 (21350)	23.13	22.33	21.26	18.28
		2535 (21100)	23.24	22.44	21.27	18.35
		2510 (20850)	22.97	22.51	21.86	18.05
	1RB-Low (0)	2560 (21350)	23.13	22.44	21.49	18.32
		2535 (21100)	22.94	22.37	21.19	18.35
		2510 (20850)	22.88	22.73	21.11	18.32
	50RB-High (50)	2560 (21350)	22.22	21.24	20.18	18.18
		2535 (21100)	22.24	21.18	20.22	18.05
		2510 (20850)	22.12	21.16	20.17	18.31
	50RB-Middle (25)	2560 (21350)	22.21	21.27	20.18	18.36
		2535 (21100)	22.18	21.13	20.15	18.19
		2510 (20850)	22.18	21.11	20.21	18.33
50RB-Low (0)	2560 (21350)	22.17	21.21	20.21	18.33	

		2535 (21100)	22.21	21.19	20.22	18.31
		2510 (20850)	22.08	21.03	20.03	18.07
	100RB (0)	2560 (21350)	22.10	21.17	20.10	18.32
		2535 (21100)	22.17	21.15	20.18	18.16
		2510 (20850)	22.14	21.16	20.16	18.37

LTE Band7(ANT1 DSI8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	2567.5 (21425)	21.8	22.01	20.94	17.83	
		2535 (21100)	21.78	21.97	20.71	17.53	
		2502.5 (20775)	21.44	21.77	20.68	17.68	
	1RB-Middle (12)	2567.5 (21425)	21.6	22.13	20.81	17.49	
		2535 (21100)	21.68	22.12	20.68	17.47	
		2502.5 (20775)	21.73	22.07	20.79	17.6	
	1RB-Low (0)	2567.5 (21425)	21.98	22.21	20.98	17.46	
		2535 (21100)	21.86	21.92	20.69	17.57	
		2502.5 (20775)	21.71	21.9	20.68	17.82	
	12RB-High (13)	2567.5 (21425)	21.67	20.64	19.68	17.34	
		2535 (21100)	21.79	20.95	19.79	17.65	
		2502.5 (20775)	21.8	20.74	19.85	17.68	
	12RB-Middle (6)	2567.5 (21425)	21.81	20.81	19.98	17.55	
		2535 (21100)	21.88	20.66	19.71	17.56	
		2502.5 (20775)	21.74	20.79	19.7	17.86	
	12RB-Low (0)	2567.5 (21425)	21.68	20.83	19.74	17.46	
		2535 (21100)	21.71	20.78	19.61	17.56	
		2502.5 (20775)	21.72	20.58	19.69	17.61	
	25RB (0)	2567.5 (21425)	21.68	21.01	19.85	17.73	
		2535 (21100)	22.04	20.75	19.81	17.59	
		2502.5 (20775)	22.01	20.73	19.58	17.68	
	10MHz	1RB-High (49)	2565 (21400)	21.54	21.91	20.7	17.86
			2535 (21100)	21.81	21.82	20.7	17.61
			2505 (20800)	21.37	21.88	20.56	17.62
1RB-Middle (24)		2565 (21400)	21.71	22.04	20.78	17.48	
		2535 (21100)	21.74	21.77	20.61	17.76	
		2505 (20800)	21.41	21.92	20.81	17.7	
1RB-Low (0)		2565 (21400)	21.67	22.13	21.04	17.57	
		2535 (21100)	22.05	21.89	20.89	17.82	
		2505 (20800)	21.85	21.92	20.72	17.5	
25RB-High (25)		2565 (21400)	21.95	20.89	19.62	17.49	
		2535 (21100)	21.89	20.62	19.91	17.76	

		2505 (20800)	21.92	20.81	19.88	17.64	
	25RB-Middle (12)	2565 (21400)	21.99	20.87	19.68	17.52	
		2535 (21100)	21.66	20.65	19.56	17.46	
		2505 (20800)	21.65	20.73	19.72	17.91	
	25RB-Low (0)	2565 (21400)	22.05	20.82	19.73	17.76	
		2535 (21100)	21.79	20.86	19.65	17.56	
		2505 (20800)	21.78	20.78	19.67	17.53	
	50RB (0)	2565 (21400)	22.03	20.64	19.84	17.58	
		2535 (21100)	22.02	20.59	19.83	17.93	
		2505 (20800)	21.8	20.91	19.79	17.78	
15MHz	1RB-High (74)	2562.5 (21375)	21.63	22.18	21.03	17.58	
		2535 (21100)	21.64	21.92	21	17.69	
		2507.5 (20825)	21.68	22.08	20.76	17.59	
	1RB-Middle (37)	2562.5 (21375)	21.66	21.96	20.79	17.54	
		2535 (21100)	21.78	21.83	20.75	17.69	
		2507.5 (20825)	21.79	22.1	20.75	17.4	
	1RB-Low (0)	2562.5 (21375)	21.95	22.26	20.94	17.52	
		2535 (21100)	22.04	21.98	20.88	17.66	
		2507.5 (20825)	21.72	21.63	21.06	17.56	
	36RB-High (38)	2562.5 (21375)	21.64	20.77	19.67	17.59	
		2535 (21100)	21.71	20.84	19.82	17.66	
		2507.5 (20825)	21.78	20.79	19.86	17.53	
	36RB-Middle (19)	2562.5 (21375)	21.89	20.68	19.64	17.7	
		2535 (21100)	21.67	20.64	19.66	17.79	
		2507.5 (20825)	21.7	20.79	19.57	17.54	
	36RB-Low (0)	2562.5 (21375)	21.66	20.93	19.92	17.4	
		2535 (21100)	22.04	20.72	19.8	17.51	
		2507.5 (20825)	21.77	20.62	19.74	17.59	
	75RB (0)	2562.5 (21375)	21.82	20.88	20.01	17.61	
		2535 (21100)	21.75	20.71	19.52	17.7	
		2507.5 (20825)	21.93	20.66	19.74	17.72	
	20MHz	1RB-High (99)	2560 (21350)	21.67	22.07	20.89	17.75
			2535 (21100)	21.66	21.92	20.8	17.55
			2510 (20850)	21.53	21.88	20.66	17.5
		1RB-Middle (50)	2560 (21350)	21.73	22.12	20.88	17.63
			2535 (21100)	21.8	21.93	20.8	17.62
			2510 (20850)	21.59	21.95	20.95	17.5
1RB-Low (0)		2560 (21350)	21.84	22.13	20.95	17.49	
		2535 (21100)	21.87	21.85	20.8	17.66	
		2510 (20850)	21.65	21.76	20.88	17.66	
50RB-High (50)	2560 (21350)	21.82	20.77	19.78	17.47		

		2535 (21100)	21.82	20.78	19.82	17.63
		2510 (20850)	21.76	20.7	19.72	17.7
		2560 (21350)	21.85	20.85	19.82	17.58
	50RB-Middle (25)	2535 (21100)	21.74	20.71	19.75	17.6
		2510 (20850)	21.72	20.74	19.7	17.74
	50RB-Low (0)	2560 (21350)	21.86	20.84	19.76	17.58
		2535 (21100)	21.88	20.72	19.76	17.69
		2510 (20850)	21.79	20.6	19.74	17.65
	100RB (0)	2560 (21350)	21.85	20.84	19.82	17.6
		2535 (21100)	21.86	20.73	19.63	17.75
		2510 (20850)	21.84	20.76	19.7	17.75

LTE Band7(ANT4 DSI0/8)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	2567.5 (21425)	22.73	22.24	21.43	17.57	
		2535 (21100)	22.55	21.96	21.28	17.48	
		2502.5 (20775)	22.78	22.33	21.36	17.62	
	1RB-Middle (12)	2567.5 (21425)	22.79	22.13	21.55	17.82	
		2535 (21100)	22.79	22.02	21.24	17.48	
		2502.5 (20775)	22.85	22.35	21.42	17.71	
	1RB-Low (0)	2567.5 (21425)	22.86	22.00	21.38	17.53	
		2535 (21100)	22.56	21.85	21.18	17.87	
		2502.5 (20775)	22.87	22.32	21.68	17.67	
	12RB-High (13)	2567.5 (21425)	21.86	20.92	20.42	17.59	
		2535 (21100)	21.68	20.75	20.19	17.82	
		2502.5 (20775)	21.89	20.92	20.34	17.49	
	12RB-Middle (6)	2567.5 (21425)	21.89	21.01	20.47	17.48	
		2535 (21100)	21.70	20.78	20.29	17.59	
		2502.5 (20775)	21.87	20.92	20.42	17.74	
	12RB-Low (0)	2567.5 (21425)	21.75	20.84	20.28	17.53	
		2535 (21100)	21.62	20.61	20.01	17.78	
		2502.5 (20775)	21.91	20.87	20.42	17.68	
	25RB (0)	2567.5 (21425)	21.79	20.83	20.37	17.51	
		2535 (21100)	21.60	20.62	20.13	17.64	
		2502.5 (20775)	21.94	20.88	20.40	17.88	
	10MHz	1RB-High (49)	2565 (21400)	22.78	22.16	21.62	17.82
			2535 (21100)	22.54	22.05	21.24	17.74
			2505 (20800)	22.80	22.11	21.63	17.64
1RB-Middle (24)		2565 (21400)	22.90	22.13	21.46	17.54	
		2535 (21100)	22.64	22.06	21.32	17.56	

		2505 (20800)	22.76	22.30	21.48	17.50
	1RB-Low (0)	2565 (21400)	22.78	22.25	21.38	17.79
		2535 (21100)	22.51	21.82	21.23	17.78
		2505 (20800)	22.83	22.20	21.32	17.86
	25RB-High (25)	2565 (21400)	21.89	20.92	20.29	17.76
		2535 (21100)	21.67	20.68	20.22	17.71
		2505 (20800)	21.87	20.88	20.31	17.88
	25RB-Middle (12)	2565 (21400)	21.88	20.97	20.39	17.54
		2535 (21100)	21.72	20.70	20.22	17.50
		2505 (20800)	21.90	20.97	20.37	17.82
	25RB-Low (0)	2565 (21400)	21.92	20.90	20.35	17.48
		2535 (21100)	21.60	20.68	20.08	17.55
		2505 (20800)	21.91	20.89	20.44	17.84
	50RB (0)	2565 (21400)	21.90	20.91	20.34	17.58
		2535 (21100)	21.67	20.61	20.11	17.73
		2505 (20800)	21.85	20.92	20.32	17.63
15MHz	1RB-High (74)	2562.5 (21375)	22.57	21.75	21.19	17.68
		2535 (21100)	22.49	21.63	20.93	17.59
		2507.5 (20825)	22.53	21.78	21.17	17.49
	1RB-Middle (37)	2562.5 (21375)	22.60	21.81	21.17	17.85
		2535 (21100)	22.39	21.90	21.19	17.69
		2507.5 (20825)	22.62	22.17	21.13	17.64
	1RB-Low (0)	2562.5 (21375)	22.52	21.84	21.23	17.86
		2535 (21100)	22.33	21.61	21.16	17.70
		2507.5 (20825)	22.53	22.14	21.08	17.71
	36RB-High (38)	2562.5 (21375)	21.71	20.74	20.17	17.80
		2535 (21100)	21.54	20.50	20.01	17.87
		2507.5 (20825)	21.64	20.59	20.09	17.88
	36RB-Middle (19)	2562.5 (21375)	21.71	20.70	20.19	17.48
		2535 (21100)	21.45	20.50	19.99	17.68
		2507.5 (20825)	21.69	20.76	20.16	17.55
	36RB-Low (0)	2562.5 (21375)	21.59	20.68	20.07	17.85
		2535 (21100)	21.43	20.50	19.99	17.71
		2507.5 (20825)	21.65	20.68	20.09	17.79
75RB (0)	2562.5 (21375)	21.75	20.74	20.28	17.80	
	2535 (21100)	21.46	20.45	19.97	17.51	
	2507.5 (20825)	21.71	20.68	20.10	17.60	
20MHz	1RB-High (99)	2560 (21350)	22.54	21.87	20.37	17.54
		2535 (21100)	22.39	21.58	20.29	17.61
		2510 (20850)	22.55	21.76	20.23	17.71
	1RB-Middle (50)	2560 (21350)	22.63	21.85	20.26	17.56

		2535 (21100)	22.36	22.35	20.18	17.70
		2510 (20850)	22.58	22.17	20.29	17.65
	1RB-Low (0)	2560 (21350)	22.49	22.10	20.41	17.55
		2535 (21100)	22.52	21.71	20.22	17.84
		2510 (20850)	22.66	21.92	20.26	17.62
	50RB-High (50)	2560 (21350)	21.57	20.69	19.27	17.61
		2535 (21100)	21.56	20.56	19.00	17.82
		2510 (20850)	21.66	20.66	19.19	17.81
	50RB-Middle (25)	2560 (21350)	21.65	20.71	19.20	17.83
		2535 (21100)	21.49	20.49	19.00	17.88
		2510 (20850)	21.68	20.71	19.24	17.55
	50RB-Low (0)	2560 (21350)	21.64	20.58	19.13	17.58
		2535 (21100)	21.54	20.59	19.04	17.79
		2510 (20850)	21.60	20.67	19.18	17.60
	100RB (0)	2560 (21350)	21.67	20.65	19.06	17.55
		2535 (21100)	21.51	20.56	19.06	17.62
		2510 (20850)	21.71	20.66	19.13	17.71

LTE Band7(ANT4 DSI2/3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	15.95	16.13	16.02	16.04
		2535 (21100)	15.85	16.08	15.89	16.06
		2502.5 (20775)	15.81	15.95	15.8	16.23
	1RB-Middle (12)	2567.5 (21425)	15.83	16.27	15.93	16.18
		2535 (21100)	15.49	15.9	15.92	16.18
		2502.5 (20775)	15.91	16.24	16.28	16.03
	1RB-Low (0)	2567.5 (21425)	16.04	16.26	16.01	16.09
		2535 (21100)	15.7	15.97	15.79	16.06
		2502.5 (20775)	16.05	16.44	15.97	15.85
	12RB-High (13)	2567.5 (21425)	16.1	15.86	16.05	16.08
		2535 (21100)	15.77	15.89	15.83	15.83
		2502.5 (20775)	15.94	15.87	16.13	16.21
	12RB-Middle (6)	2567.5 (21425)	15.79	15.96	16	16.08
		2535 (21100)	15.86	15.79	15.91	16.11
		2502.5 (20775)	15.93	15.88	15.92	16.33
	12RB-Low (0)	2567.5 (21425)	15.84	15.81	15.8	15.97
		2535 (21100)	15.59	15.79	15.8	16.1
		2502.5 (20775)	16.01	16.25	16.16	16.03
	25RB (0)	2567.5 (21425)	15.83	15.7	15.83	16.07
		2535 (21100)	15.8	15.94	15.71	15.99
		2502.5 (20775)	15.96	15.9	15.88	16.08
10MHz	1RB-High (49)	2565 (21400)	15.74	16	15.72	16.27
		2535 (21100)	15.76	16.13	15.72	15.97
		2505 (20800)	15.79	16.01	16.15	15.98
	1RB-Middle (24)	2565 (21400)	16	16.04	15.87	15.94
		2535 (21100)	15.84	16.07	16.14	15.99
		2505 (20800)	15.86	16.26	16.25	15.94
	1RB-Low (0)	2565 (21400)	15.89	15.98	16.11	16.15
		2535 (21100)	15.69	15.93	16.1	15.9
		2505 (20800)	15.89	16.1	16.24	16.14
	25RB-High (25)	2565 (21400)	16.01	15.76	15.89	16.02
		2535 (21100)	15.8	15.93	15.89	15.85
		2505 (20800)	15.93	16.08	15.91	16.16
	25RB-Middle (12)	2565 (21400)	16.1	16	15.82	16.06
		2535 (21100)	15.81	16	15.86	16.01
		2505 (20800)	16.03	16.07	15.99	16.13
	25RB-Low (0)	2565 (21400)	15.76	15.99	15.98	15.92
		2535 (21100)	15.82	15.63	15.96	15.94

		2505 (20800)	16.04	16.08	16.06	16.14	
	50RB (0)	2565 (21400)	15.68	15.92	16.02	15.95	
		2535 (21100)	15.78	15.97	15.74	16.22	
		2505 (20800)	16.02	16.03	15.88	16.07	
15MHz	1RB-High (74)	2562.5 (21375)	15.95	15.84	15.95	16.19	
		2535 (21100)	15.99	16.06	16	16.1	
		2507.5 (20825)	15.92	15.94	16.09	16.23	
	1RB-Middle (37)	2562.5 (21375)	15.71	16.35	15.9	15.9	
		2535 (21100)	15.55	16.24	15.88	16	
		2507.5 (20825)	15.7	16.08	16.05	16	
	1RB-Low (0)	2562.5 (21375)	15.98	16.29	16.31	16.23	
		2535 (21100)	15.75	16.24	16.11	15.87	
		2507.5 (20825)	16.05	16.17	16.14	15.95	
	36RB-High (38)	2562.5 (21375)	15.71	15.92	15.82	15.98	
		2535 (21100)	15.83	15.77	15.96	15.98	
		2507.5 (20825)	16.1	15.97	16.1	16.11	
	36RB-Middle (19)	2562.5 (21375)	16.08	15.94	15.84	16.06	
		2535 (21100)	16	15.9	15.96	16.14	
		2507.5 (20825)	15.97	15.93	15.85	16.13	
	36RB-Low (0)	2562.5 (21375)	15.81	15.78	16.07	16.05	
		2535 (21100)	15.96	15.95	16.05	16.18	
		2507.5 (20825)	15.99	16.02	15.93	16.06	
	75RB (0)	2562.5 (21375)	15.91	15.95	15.69	15.96	
		2535 (21100)	15.9	15.79	15.64	16.06	
		2507.5 (20825)	16	16.04	16.21	16.13	
	20MHz	1RB-High (99)	2560 (21350)	15.88	16.02	15.92	16.11
			2535 (21100)	15.81	16.04	15.85	16.15
			2510 (20850)	15.82	16.1	16	16.03
1RB-Middle (50)		2560 (21350)	15.85	16.2	15.98	16.02	
		2535 (21100)	15.69	16.07	15.98	16.08	
		2510 (20850)	15.89	16.18	16.19	16.12	
1RB-Low (0)		2560 (21350)	15.88	16.09	16.11	16.04	
		2535 (21100)	15.81	16.11	15.99	16.07	
		2510 (20850)	15.97	16.3	16.07	15.99	
50RB-High (50)		2560 (21350)	15.9	15.91	15.96	15.96	
		2535 (21100)	15.86	15.84	15.89	15.94	
		2510 (20850)	16.01	15.99	16.04	16.19	
50RB-Middle (25)		2560 (21350)	15.9	15.92	15.96	16.01	
		2535 (21100)	15.86	15.91	15.88	16.04	
		2510 (20850)	16.03	16.04	16.03	16.2	
50RB-Low (0)		2560 (21350)	15.86	15.89	15.87	15.99	

		2535 (21100)	15.79	15.82	15.91	15.98
		2510 (20850)	15.99	16.14	16.11	16.02
	100RB (0)	2560 (21350)	15.88	15.87	15.83	15.94
		2535 (21100)	15.79	15.84	15.83	16.17
		2510 (20850)	15.96	16.05	16.05	16.14

LTE Band7(ANT4 DSI13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	2567.5 (21425)	20.25	20.17	20.22	17.58	
		2535 (21100)	20.24	20.5	20.22	17.3	
		2502.5 (20775)	20.13	20.19	20.1	17.5	
	1RB-Middle (12)	2567.5 (21425)	20.39	20.14	20.5	17.36	
		2535 (21100)	20.34	20.26	20.35	17.3	
		2502.5 (20775)	20.46	20.16	20.31	17.31	
	1RB-Low (0)	2567.5 (21425)	20.25	20.36	20.27	17.53	
		2535 (21100)	20.36	20.21	20.43	17.59	
		2502.5 (20775)	20.24	20.3	20.35	17.38	
	12RB-High (13)	2567.5 (21425)	20.3	20.38	20.33	17.41	
		2535 (21100)	20.5	20.44	20.33	17.39	
		2502.5 (20775)	20.42	20.31	20.43	17.49	
	12RB-Middle (6)	2567.5 (21425)	20.37	20.26	20.16	17.37	
		2535 (21100)	20.39	20.25	20.14	17.43	
		2502.5 (20775)	20.26	20.34	20.21	17.35	
	12RB-Low (0)	2567.5 (21425)	20.23	20.19	20.32	17.38	
		2535 (21100)	20.41	20.14	20.41	17.57	
		2502.5 (20775)	20.35	20.29	20.5	17.44	
	25RB (0)	2567.5 (21425)	20.16	20.33	20.22	17.35	
		2535 (21100)	20.35	20.39	20.5	17.52	
		2502.5 (20775)	20.34	20.45	20.17	17.53	
	10MHz	1RB-High (49)	2565 (21400)	20.49	20.28	20.18	17.36
			2535 (21100)	20.28	20.46	20.21	17.41
			2505 (20800)	20.36	20.41	20.27	17.38
1RB-Middle (24)		2565 (21400)	20.45	20.27	20.48	17.35	
		2535 (21100)	20.4	20.22	20.13	17.57	
		2505 (20800)	20.38	20.49	20.47	17.48	
1RB-Low (0)		2565 (21400)	20.29	20.14	20.38	17.44	
		2535 (21100)	20.39	20.48	20.42	17.41	
		2505 (20800)	20.25	20.14	20.49	17.57	
25RB-High (25)		2565 (21400)	20.18	20.47	20.26	17.45	
		2535 (21100)	20.45	20.18	20.2	17.53	

	25RB-Middle (12)	2505 (20800)	20.27	20.12	20.13	17.34
		2565 (21400)	20.37	20.33	20.14	17.35
		2535 (21100)	20.43	20.42	20.45	17.33
	25RB-Low (0)	2505 (20800)	20.26	20.29	20.34	17.44
		2565 (21400)	20.42	20.2	20.33	17.47
		2535 (21100)	20.32	20.23	20.47	17.57
	50RB (0)	2505 (20800)	20.44	20.43	20.15	17.3
		2565 (21400)	20.49	20.15	20.21	17.46
		2535 (21100)	20.31	20.29	20.21	17.3
15MHz	1RB-High (74)	2505 (20800)	20.19	20.35	20.31	17.44
		2565 (21400)	20.49	20.15	20.21	17.46
		2535 (21100)	20.31	20.29	20.21	17.3
	1RB-Middle (37)	2562.5 (21375)	20.18	20.48	20.16	17.55
		2535 (21100)	20.11	20.41	20.49	17.6
		2507.5 (20825)	20.18	20.1	20.13	17.46
	1RB-Low (0)	2562.5 (21375)	20.3	20.18	20.4	17.5
		2535 (21100)	20.3	20.35	20.13	17.55
		2507.5 (20825)	20.44	20.43	20.34	17.45
	36RB-High (38)	2562.5 (21375)	20.2	20.27	20.27	17.48
		2535 (21100)	20.25	20.33	20.41	17.36
		2507.5 (20825)	20.13	20.45	20.3	17.42
	36RB-Middle (19)	2562.5 (21375)	20.31	20.26	20.33	17.46
		2535 (21100)	20.41	20.23	20.41	17.33
		2507.5 (20825)	20.4	20.37	20.27	17.41
	36RB-Low (0)	2562.5 (21375)	20.18	20.26	20.42	17.32
		2535 (21100)	20.37	20.1	20.32	17.39
		2507.5 (20825)	20.2	20.5	20.26	17.47
	75RB (0)	2562.5 (21375)	20.15	20.15	20.19	17.56
		2535 (21100)	20.18	20.33	20.46	17.6
		2507.5 (20825)	20.17	20.14	20.14	17.33
20MHz	1RB-High (99)	2562.5 (21375)	20.4	20.46	20.27	17.33
		2535 (21100)	20.37	20.15	20.21	17.45
		2507.5 (20825)	20.19	20.43	20.2	17.4
	1RB-Middle (50)	2560 (21350)	20.31	20.86	20.65	17.56
		2535 (21100)	20.18	20.5	20.19	17.54
		2510 (20850)	20.22	20.55	20.34	17.72
	1RB-Low (0)	2560 (21350)	20.37	20.55	20.73	17.54
		2535 (21100)	20.23	20.72	20.37	17.45
		2510 (20850)	20.35	20.94	20.55	17.6
	50RB-High (50)	2560 (21350)	20.34	20.4	20.35	17.45
		2535 (21100)	20.26	20.58	20.51	17.64
		2510 (20850)	20.47	20.75	20.72	17.72
		2560 (21350)	20.54	20.48	20.41	17.54

	50RB-Middle (25)	2535 (21100)	20.3	20.32	20.28	17.72	
		2510 (20850)	20.48	20.48	20.47	17.5	
		2560 (21350)	20.54	20.48	20.52	17.53	
	50RB-Low (0)	2535 (21100)	20.34	20.36	20.39	17.47	
		2510 (20850)	20.59	20.56	20.57	17.48	
		2560 (21350)	20.46	20.47	20.52	17.75	
	100RB (0)	2535 (21100)	20.32	20.37	20.24	17.72	
		2510 (20850)	20.58	20.59	20.55	17.49	
		2560 (21350)	20.45	20.47	20.48	17.66	
			2535 (21100)	20.35	20.36	20.31	17.7
			2510 (20850)	20.5	20.53	20.44	17.63

LTE Band12(ANT0 DSI0/2/3/8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	23.93	23.26	21.96	19.16
		707.5 (23095)	23.81	23.16	22.17	19.01
		699.7 (23017)	23.86	23.28	21.81	19.15
	1RB-Middle (3)	715.3 (23173)	23.82	23.30	21.95	18.85
		707.5 (23095)	23.94	23.18	22.10	19.06
		699.7 (23017)	23.84	22.99	21.98	19.04
	1RB-Low (0)	715.3 (23173)	23.87	23.53	22.09	18.90
		707.5 (23095)	23.94	23.19	21.90	18.81
		699.7 (23017)	23.81	23.48	22.10	19.00
	3RB-High (3)	715.3 (23173)	23.81	22.94	21.97	19.04
		707.5 (23095)	23.87	22.97	22.03	19.17
		699.7 (23017)	23.89	22.97	21.85	18.82
	3RB-Middle (1)	715.3 (23173)	23.99	23.10	21.94	18.88
		707.5 (23095)	23.85	22.94	22.09	19.15
		699.7 (23017)	23.93	22.93	21.87	19.18
	3RB-Low (0)	715.3 (23173)	23.90	23.05	21.92	18.82
		707.5 (23095)	23.73	23.07	21.98	18.92
		699.7 (23017)	23.80	22.87	21.94	18.86
	6RB (0)	715.3 (23173)	22.92	21.92	20.92	18.90
		707.5 (23095)	22.84	21.86	20.88	18.93
		699.7 (23017)	22.81	21.98	20.82	18.94
3MHz	1RB-High (14)	714.5 (23165)	23.84	23.35	22.10	19.10
		707.5 (23095)	23.81	23.17	21.88	19.00
		700.5 (23025)	23.76	23.27	21.01	19.10
	1RB-Middle (7)	714.5 (23165)	23.95	23.25	22.10	19.05
		707.5 (23095)	23.94	23.23	22.12	19.14

		700.5 (23025)	23.81	23.13	21.06	18.88	
	1RB-Low (0)	714.5 (23165)	23.75	23.26	22.10	18.84	
		707.5 (23095)	23.82	23.17	22.08	18.95	
		700.5 (23025)	23.84	23.22	21.03	19.21	
	8RB-High (7)	714.5 (23165)	22.95	22.03	20.89	19.15	
		707.5 (23095)	22.98	21.97	20.94	19.15	
		700.5 (23025)	22.84	21.95	20.97	19.00	
	8RB-Middle (4)	714.5 (23165)	22.85	21.98	20.94	18.99	
		707.5 (23095)	22.93	21.97	20.95	19.12	
		700.5 (23025)	22.88	21.95	20.97	19.02	
	8RB-Low (0)	714.5 (23165)	22.90	21.98	20.87	18.92	
		707.5 (23095)	22.80	21.95	20.87	18.89	
		700.5 (23025)	22.75	21.95	20.83	19.00	
	15RB (0)	714.5 (23165)	22.84	21.78	20.77	19.07	
		707.5 (23095)	22.89	21.84	20.86	19.21	
		700.5 (23025)	22.91	21.89	20.86	19.04	
5MHz	1RB-High (24)	713.5 (23155)	23.93	23.20	21.89	18.88	
		707.5 (23095)	23.81	23.15	22.20	18.99	
		701.5 (23035)	23.87	23.31	21.94	18.87	
	1RB-Middle (12)	713.5 (23155)	24.05	23.15	22.20	19.05	
		707.5 (23095)	23.95	23.25	22.01	19.21	
		701.5 (23035)	23.81	23.31	22.03	18.90	
	1RB-Low (0)	713.5 (23155)	23.93	23.45	22.06	18.84	
		707.5 (23095)	23.96	23.27	22.02	18.95	
		701.5 (23035)	23.92	23.08	22.03	18.89	
	12RB-High (13)	713.5 (23155)	22.99	21.97	21.01	19.20	
		707.5 (23095)	22.98	22.03	20.98	18.94	
		701.5 (23035)	22.88	21.84	20.87	19.07	
	12RB-Middle (6)	713.5 (23155)	22.98	22.03	20.98	19.02	
		707.5 (23095)	22.99	21.95	20.93	19.05	
		701.5 (23035)	22.96	21.90	20.97	19.18	
	12RB-Low (0)	713.5 (23155)	22.93	21.85	20.92	19.10	
		707.5 (23095)	22.91	21.92	20.95	19.08	
		701.5 (23035)	22.85	21.96	20.92	18.82	
	25RB (0)	713.5 (23155)	22.98	21.92	20.92	19.21	
		707.5 (23095)	22.91	21.86	20.93	19.16	
		701.5 (23035)	22.85	21.93	20.94	18.98	
	10MHz	1RB-High (49)	711 (23130)	23.96	23.24	22.17	19.09
			707.5 (23095)	23.85	23.41	22.21	19.21
			704 (23060)	23.91	23.33	22.18	18.94
1RB-Middle (24)		711 (23130)	23.98	23.34	22.30	18.93	

		707.5 (23095)	23.94	23.40	22.29	18.97
		704 (23060)	23.94	23.29	22.16	18.96
1RB-Low (0)		711 (23130)	24.08	23.50	22.31	19.15
		707.5 (23095)	24.01	23.30	22.30	18.93
		704 (23060)	23.94	23.11	22.16	18.97
25RB-High (25)		711 (23130)	23.09	21.98	20.97	18.99
		707.5 (23095)	23.07	22.01	20.95	18.94
		704 (23060)	22.98	22.08	20.99	18.83
25RB-Middle (12)		711 (23130)	22.96	22.03	20.92	19.03
		707.5 (23095)	22.97	21.97	20.97	18.81
		704 (23060)	22.98	21.96	20.94	18.83
25RB-Low (0)		711 (23130)	22.98	21.96	20.95	18.99
		707.5 (23095)	23.02	21.95	20.98	18.96
		704 (23060)	22.88	21.99	20.94	19.09
50RB (0)		711 (23130)	23.00	21.95	20.86	19.16
		707.5 (23095)	22.93	22.01	20.99	19.12
		704 (23060)	23.00	21.93	21.02	18.81

LTE Band12(ANT2 DSI0/2/3/8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	19.59	18.52	17.46	14.48
		707.5 (23095)	19.59	18.45	17.44	14.74
		699.7 (23017)	19.64	18.31	17.48	14.58
	1RB-Middle (3)	715.3 (23173)	19.64	18.44	17.27	14.64
		707.5 (23095)	19.82	18.42	17.51	14.48
		699.7 (23017)	19.68	18.56	17.46	14.65
	1RB-Low (0)	715.3 (23173)	19.92	18.62	17.18	14.6
		707.5 (23095)	19.85	18.66	17.55	14.47
		699.7 (23017)	19.78	18.63	17.48	14.69
	3RB-High (3)	715.3 (23173)	19.7	18.49	17.44	14.4
		707.5 (23095)	19.58	18.49	17.34	14.6
		699.7 (23017)	19.75	18.48	17.45	14.52
	3RB-Middle (1)	715.3 (23173)	19.76	18.56	17.29	14.62
		707.5 (23095)	19.91	18.57	17.44	14.38
		699.7 (23017)	19.72	18.55	17.46	14.59
	3RB-Low (0)	715.3 (23173)	19.84	18.6	17.19	14.49
		707.5 (23095)	19.81	18.68	17.43	14.51
		699.7 (23017)	19.79	18.61	17.56	14.55
	6RB (0)	715.3 (23173)	18.27	17.34	16.48	14.54
		707.5 (23095)	18.2	17.29	16.28	14.66
		699.7 (23017)	18.24	17.28	16.44	14.64
3MHz	1RB-High (14)	714.5 (23165)	19.63	18.53	17.44	14.43
		707.5 (23095)	19.69	18.38	17.34	14.63
		700.5 (23025)	19.72	18.41	17.33	14.58
	1RB-Middle (7)	714.5 (23165)	19.69	18.45	17.32	14.64
		707.5 (23095)	19.73	18.54	17.52	14.48
		700.5 (23025)	19.7	18.58	17.54	14.55
	1RB-Low (0)	714.5 (23165)	19.82	18.52	17.34	14.59
		707.5 (23095)	19.74	18.6	17.56	14.59
		700.5 (23025)	19.73	18.64	17.49	14.55
	8RB-High (7)	714.5 (23165)	18.33	17.25	16.19	14.48
		707.5 (23095)	18.23	17.26	16.28	14.49
		700.5 (23025)	18.22	17.23	16.33	14.41
	8RB-Middle (4)	714.5 (23165)	18.35	17.33	16.35	14.7
		707.5 (23095)	18.23	17.3	16.23	14.62
		700.5 (23025)	18.17	17.32	16.38	14.49
	8RB-Low (0)	714.5 (23165)	18.23	17.28	16.32	14.49
		707.5 (23095)	18.25	17.28	16.37	14.6

		700.5 (23025)	18.33	17.38	16.37	14.49	
	15RB (0)	714.5 (23165)	18.23	17.23	16.29	14.67	
		707.5 (23095)	18.3	17.14	16.26	14.52	
		700.5 (23025)	18.23	17.36	16.25	14.62	
5MHz	1RB-High (24)	713.5 (23155)	19.62	18.53	17.46	14.39	
		707.5 (23095)	19.63	18.43	17.39	14.6	
		701.5 (23035)	19.74	18.33	17.33	14.61	
	1RB-Middle (12)	713.5 (23155)	19.74	18.57	17.32	14.63	
		707.5 (23095)	19.89	18.47	17.49	14.44	
		701.5 (23035)	19.67	18.6	17.51	14.68	
	1RB-Low (0)	713.5 (23155)	19.83	18.52	17.18	14.62	
		707.5 (23095)	19.85	18.51	17.44	14.49	
		701.5 (23035)	19.64	18.64	17.47	14.63	
	12RB-High (13)	713.5 (23155)	18.31	17.2	16.29	14.49	
		707.5 (23095)	18.21	17.29	16.29	14.49	
		701.5 (23035)	18.19	17.2	16.3	14.47	
	12RB-Middle (6)	713.5 (23155)	18.23	17.23	16.43	14.63	
		707.5 (23095)	18.27	17.3	16.24	14.59	
		701.5 (23035)	18.36	17.34	16.47	14.58	
	12RB-Low (0)	713.5 (23155)	18.28	17.26	16.39	14.64	
		707.5 (23095)	18.15	17.22	16.4	14.64	
		701.5 (23035)	18.19	17.38	16.32	14.64	
	25RB (0)	713.5 (23155)	18.25	17.33	16.34	14.68	
		707.5 (23095)	18.33	17.18	16.25	14.48	
		701.5 (23035)	18.25	17.35	16.43	14.65	
	10MHz	1RB-High (49)	711 (23130)	19.66	18.46	17.41	14.45
			707.5 (23095)	19.62	18.48	17.43	14.69
			704 (23060)	19.67	18.41	17.43	14.58
1RB-Middle (24)		711 (23130)	19.66	18.47	17.37	14.63	
		707.5 (23095)	19.83	18.52	17.45	14.48	
		704 (23060)	19.72	18.56	17.54	14.62	
1RB-Low (0)		711 (23130)	19.84	18.54	17.28	14.53	
		707.5 (23095)	19.82	18.59	17.48	14.54	
		704 (23060)	19.69	18.55	17.48	14.64	
25RB-High (25)		711 (23130)	18.25	17.21	16.25	14.45	
		707.5 (23095)	18.21	17.23	16.32	14.49	
		704 (23060)	18.27	17.29	16.29	14.45	
25RB-Middle (12)		711 (23130)	18.28	17.27	16.35	14.66	
		707.5 (23095)	18.26	17.22	16.3	14.53	
		704 (23060)	18.27	17.37	16.45	14.56	
25RB-Low (0)		711 (23130)	18.2	17.23	16.32	14.58	

		707.5 (23095)	18.2	17.27	16.37	14.56
		704 (23060)	18.27	17.28	16.29	14.58
	50RB (0)	711 (23130)	18.23	17.28	16.33	14.61
		707.5 (23095)	18.25	17.23	16.3	14.58
		704 (23060)	18.32	17.26	16.34	14.62

LTE Band13(ANT0 DSI0/2/3/8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	784.5 (23255)	23.89	23.21	22.09	19.08	
		782 (23230)	23.95	23.23	22.03	19.16	
		779.5 (23205)	23.91	23.10	22.06	19.12	
	1RB-Middle (12)	784.5 (23255)	24.03	23.29	22.34	19.16	
		782 (23230)	23.97	23.30	22.13	18.88	
		779.5 (23205)	23.86	23.22	22.31	18.99	
	1RB-Low (0)	784.5 (23255)	23.93	23.06	22.06	18.95	
		782 (23230)	23.80	23.20	22.04	19.20	
		779.5 (23205)	23.77	23.12	22.09	19.27	
	12RB-High (13)	784.5 (23255)	22.91	21.95	20.94	18.91	
		782 (23230)	22.98	22.04	20.95	19.23	
		779.5 (23205)	22.86	21.89	20.97	18.92	
		12RB-Middle (6)	784.5 (23255)	23.03	22.10	20.98	19.17
			782 (23230)	23.05	22.09	21.10	19.01
			779.5 (23205)	22.87	21.92	20.92	18.88
		12RB-Low (0)	784.5 (23255)	22.91	21.95	20.99	19.27
			782 (23230)	22.87	22.00	20.88	19.24
			779.5 (23205)	22.81	21.88	20.86	19.04
	25RB (0)	784.5 (23255)	22.96	22.01	20.97	19.14	
		782 (23230)	22.98	21.92	20.90	19.09	
		779.5 (23205)	22.78	21.81	20.85	19.02	
	10MHz	1RB-High (49)	782 (23230)	23.81	23.18	22.13	19.12
			782 (23230)	23.96	23.32	21.98	19.18
			782 (23230)	23.85	23.15	21.99	18.87
25RB-High (25)		782 (23230)	22.89	21.95	20.99	18.88	
		782 (23230)	22.84	21.92	20.94	18.95	
		782 (23230)	22.85	21.85	20.89	19.06	
50RB (0)		782 (23230)	22.82	21.85	20.93	19.24	

LTE Band13(ANT2 DSI0/2/3/8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	19.25	18.35	16.93	14.33
		782 (23230)	19.31	17.98	17.21	14.35
		779.5 (23205)	19.31	18.02	17.12	14.27
	1RB-Middle (12)	784.5 (23255)	19.38	18.35	17.22	14.21
		782 (23230)	19.42	18.46	17.05	14.40
		779.5 (23205)	19.33	18.13	17.18	14.26
	1RB-Low (0)	784.5 (23255)	19.29	18.30	17.29	14.36
		782 (23230)	19.36	18.16	17.16	14.38
		779.5 (23205)	19.25	18.18	17.06	14.39
	12RB-High (13)	784.5 (23255)	17.78	16.80	15.96	14.23
		782 (23230)	17.84	16.86	16.04	14.25
		779.5 (23205)	17.79	16.82	16.06	14.34
	12RB-Middle (6)	784.5 (23255)	17.90	16.83	16.10	14.27
		782 (23230)	17.92	16.91	16.09	14.26
		779.5 (23205)	17.89	16.90	16.09	14.32
	12RB-Low (0)	784.5 (23255)	17.78	16.89	16.07	14.20
		782 (23230)	17.74	16.90	16.10	14.32
		779.5 (23205)	17.81	16.89	16.01	14.32
	25RB (0)	784.5 (23255)	17.90	16.86	16.08	14.26
		782 (23230)	17.87	16.89	16.03	14.38
		779.5 (23205)	17.77	16.83	15.90	14.20
10MHz	1RB-High (49)	782 (23230)	19.21	18.21	17.01	14.32
	1RB-Middle (24)	782 (23230)	19.33	18.03	17.21	14.32
	1RB-Low (0)	782 (23230)	19.35	18.22	17.32	14.23
	25RB-High (25)	782 (23230)	17.80	16.90	15.99	14.36
	25RB-Middle (12)	782 (23230)	17.88	16.96	16.15	14.38
	25RB-Low (0)	782 (23230)	17.94	16.91	16.06	14.31
	50RB (0)	782 (23230)	17.88	16.86	16.07	14.28

LTE Band14(ANT0 DSI0/2/3/8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	795.5 (23355)	24.16	23.60	21.33	18.03
		793 (23330)	24.24	23.63	21.53	18.22
		790.5 (23305)	24.16	23.47	21.54	18.17
	1RB-Middle (12)	795.5 (23355)	24.23	23.46	21.62	17.96
		793 (23330)	24.22	23.69	21.58	18.22
		790.5 (23305)	24.10	23.42	21.43	18.16
	1RB-Low (0)	795.5 (23355)	24.11	23.55	21.54	18.09
		793 (23330)	24.14	23.44	21.42	18.21
		790.5 (23305)	23.92	23.22	21.33	18.02
	12RB-High (13)	795.5 (23355)	23.23	22.23	20.30	17.97
		793 (23330)	23.29	22.27	20.38	18.22
		790.5 (23305)	23.20	22.22	20.30	17.96
	12RB-Middle (6)	795.5 (23355)	23.24	22.25	20.35	18.20
		793 (23330)	23.17	22.29	20.33	18.05
		790.5 (23305)	23.18	22.11	20.29	18.05
	12RB-Low (0)	795.5 (23355)	23.21	22.24	20.34	18.07
		793 (23330)	23.08	22.21	20.26	18.08
		790.5 (23305)	23.02	22.06	20.18	18.05
	25RB (0)	795.5 (23355)	23.25	22.26	20.36	18.22
		793 (23330)	23.19	22.21	20.30	18.17
		790.5 (23305)	23.14	22.08	20.20	18.19
10MHz	1RB-High (49)	793 (23330)	24.12	23.43	21.49	18.24
		793 (23330)	24.14	23.62	21.55	18.07
		793 (23330)	24.16	23.57	21.60	18.21
	25RB-High (25)	793 (23330)	23.17	22.25	20.15	18.18
		793 (23330)	23.25	22.17	20.28	18.22
		793 (23330)	23.08	22.10	20.31	18.01
	50RB (0)	793 (23330)	23.07	22.08	20.24	17.97

LTE Band14(ANT2 DSI0/2/3/8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	795.5 (23355)	22.08	20.88	20.00	16.63
		793 (23330)	22.14	20.92	19.96	16.66
		790.5 (23305)	22.14	21.05	20.19	16.70
	1RB-Middle (12)	795.5 (23355)	22.20	20.98	20.06	16.64
		793 (23330)	22.11	21.14	20.18	16.76
		790.5 (23305)	22.08	21.18	20.07	16.78
	1RB-Low (0)	795.5 (23355)	22.19	20.89	20.10	16.57
		793 (23330)	22.12	20.89	19.89	16.85
		790.5 (23305)	21.90	20.84	19.71	16.85
	12RB-High (13)	795.5 (23355)	20.70	19.82	18.91	16.57
		793 (23330)	20.73	19.80	18.97	16.78
		790.5 (23305)	20.70	19.75	18.87	16.76
	12RB-Middle (6)	795.5 (23355)	20.78	19.77	18.98	16.65
		793 (23330)	20.78	19.72	18.94	16.70
		790.5 (23305)	20.68	19.74	18.81	16.73
	12RB-Low (0)	795.5 (23355)	20.73	19.72	18.93	16.69
		793 (23330)	20.71	19.75	18.84	16.76
		790.5 (23305)	20.56	19.60	18.80	16.81
	25RB (0)	795.5 (23355)	20.74	19.70	18.96	16.77
		793 (23330)	20.73	19.75	18.82	16.74
		790.5 (23305)	20.53	19.56	18.87	16.73
10MHz	1RB-High (49)	793 (23330)	22.06	21.04	20.02	16.55
	1RB-Middle (24)	793 (23330)	22.22	21.03	19.93	16.57
	1RB-Low (0)	793 (23330)	22.09	20.89	19.95	16.59
	25RB-High (25)	793 (23330)	20.66	19.72	18.95	16.77
	25RB-Middle (12)	793 (23330)	20.75	19.77	18.97	16.57
	25RB-Low (0)	793 (23330)	20.72	19.76	18.95	16.82
	50RB (0)	793 (23330)	20.66	19.75	18.91	16.84

LTE Band25(ANT1 DSI0/2/3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	23.81	23.13	21.87	19.28
		1882.5 (26365)	23.93	23.40	22.18	19.24
		1850.7 (26047)	24.04	23.29	22.17	19.28
	1RB-Middle (3)	1914.3 (26683)	23.91	23.27	21.92	19.37
		1882.5 (26365)	24.05	23.31	22.05	19.57
		1850.7 (26047)	23.92	23.40	22.18	19.37
	1RB-Low (0)	1914.3 (26683)	23.87	23.24	22.02	19.37
		1882.5 (26365)	23.97	23.55	22.35	19.31
		1850.7 (26047)	24.01	23.32	22.17	19.31
	3RB-High (3)	1914.3 (26683)	23.90	23.02	22.05	19.42
		1882.5 (26365)	23.97	23.17	22.07	19.22
		1850.7 (26047)	24.17	23.25	22.02	19.51
	3RB-Middle (1)	1914.3 (26683)	23.94	23.04	22.02	19.49
		1882.5 (26365)	23.98	23.18	22.01	19.21
		1850.7 (26047)	24.15	23.22	22.21	19.57
	3RB-Low (0)	1914.3 (26683)	23.90	23.10	21.94	19.33
		1882.5 (26365)	23.89	23.02	22.12	19.25
		1850.7 (26047)	24.01	23.28	22.14	19.46
	6RB (0)	1914.3 (26683)	22.92	22.07	20.94	19.44
		1882.5 (26365)	23.03	22.07	21.08	19.20
		1850.7 (26047)	23.13	22.13	21.08	19.29
3MHz	1RB-High (14)	1913.5 (26675)	23.81	23.25	21.93	19.36
		1882.5 (26365)	23.88	23.39	22.15	19.43
		1851.5 (26055)	24.03	23.55	22.14	19.32
	1RB-Middle (7)	1913.5 (26675)	24.03	23.33	22.14	19.56
		1882.5 (26365)	24.03	23.31	22.20	19.31
		1851.5 (26055)	24.02	23.41	22.33	19.39
	1RB-Low (0)	1913.5 (26675)	23.87	23.20	22.20	19.53
		1882.5 (26365)	23.93	23.17	22.05	19.24
		1851.5 (26055)	23.94	23.34	22.07	19.51
	8RB-High (7)	1913.5 (26675)	22.93	22.04	21.07	19.46
		1882.5 (26365)	23.10	22.20	21.04	19.28
		1851.5 (26055)	23.20	22.12	21.13	19.22
	8RB-Middle (4)	1913.5 (26675)	23.00	22.07	21.06	19.43
		1882.5 (26365)	23.03	22.20	21.09	19.26
		1851.5 (26055)	23.11	22.09	21.25	19.26
	8RB-Low (0)	1913.5 (26675)	23.04	22.11	21.01	19.32
		1882.5 (26365)	23.02	22.04	20.99	19.56

		1851.5 (26055)	23.04	22.26	21.16	19.36	
	15RB (0)	1913.5 (26675)	23.01	22.08	21.00	19.51	
		1882.5 (26365)	23.07	22.00	20.93	19.42	
		1851.5 (26055)	23.05	22.21	21.11	19.37	
5MHz	1RB-High (24)	1912.5 (26665)	23.87	23.21	21.96	19.46	
		1882.5 (26365)	23.94	23.43	22.14	19.21	
		1852.5 (26065)	24.09	23.46	22.25	19.53	
	1RB-Middle (12)	1912.5 (26665)	24.05	23.36	22.40	19.54	
		1882.5 (26365)	24.17	23.34	22.12	19.40	
		1852.5 (26065)	24.13	23.46	22.33	19.21	
	1RB-Low (0)	1912.5 (26665)	24.02	23.46	22.23	19.58	
		1882.5 (26365)	23.95	23.43	22.14	19.54	
		1852.5 (26065)	23.98	23.29	22.36	19.38	
	12RB-High (13)	1912.5 (26665)	22.94	22.02	21.03	19.30	
		1882.5 (26365)	23.08	22.09	21.04	19.46	
		1852.5 (26065)	23.17	22.23	21.14	19.46	
	12RB-Middle (6)	1912.5 (26665)	23.13	22.06	21.09	19.45	
		1882.5 (26365)	23.07	22.08	21.02	19.28	
		1852.5 (26065)	23.20	22.14	21.18	19.22	
	12RB-Low (0)	1912.5 (26665)	23.02	21.97	20.97	19.18	
		1882.5 (26365)	22.97	22.11	21.00	19.39	
		1852.5 (26065)	23.16	22.10	21.14	19.27	
	25RB (0)	1912.5 (26665)	22.97	22.08	20.96	19.28	
		1882.5 (26365)	22.96	21.95	21.02	19.52	
		1852.5 (26065)	23.17	22.21	21.15	19.50	
	10MHz	1RB-High (49)	1910 (26640)	23.88	23.23	22.08	19.41
			1882.5 (26365)	24.01	23.38	22.03	19.33
			1855 (26090)	24.13	23.69	22.23	19.57
1RB-Middle (24)		1910 (26640)	24.06	23.55	22.35	19.48	
		1882.5 (26365)	24.02	23.40	22.21	19.32	
		1855 (26090)	24.17	23.39	22.31	19.40	
1RB-Low (0)		1910 (26640)	24.01	23.22	22.44	19.20	
		1882.5 (26365)	24.06	23.31	22.10	19.47	
		1855 (26090)	23.90	23.54	22.30	19.33	
25RB-High (25)		1910 (26640)	23.05	22.03	21.11	19.34	
		1882.5 (26365)	23.09	22.07	21.05	19.46	
		1855 (26090)	23.14	22.25	21.32	19.40	
25RB-Middle (12)		1910 (26640)	23.16	22.18	21.10	19.57	
		1882.5 (26365)	23.09	21.95	20.99	19.34	
		1855 (26090)	23.24	22.26	21.18	19.55	
25RB-Low (0)		1910 (26640)	23.06	21.95	21.09	19.52	

	50RB (0)	1882.5 (26365)	23.02	22.10	21.10	19.20	
		1855 (26090)	23.06	22.05	21.07	19.21	
		1910 (26640)	23.09	22.16	21.19	19.28	
		1882.5 (26365)	23.00	21.99	21.01	19.53	
		1855 (26090)	23.09	22.22	21.15	19.36	
15MHz	1RB-High (74)	1907.5 (26615)	23.63	23.39	21.98	19.22	
		1882.5 (26365)	23.78	23.16	21.93	19.29	
		1857.5 (26115)	24.09	23.24	22.45	19.55	
	1RB-Middle (37)	1907.5 (26615)	24.04	23.19	22.02	19.22	
		1882.5 (26365)	23.97	23.15	21.92	19.58	
		1857.5 (26115)	23.96	23.33	22.06	19.19	
	1RB-Low (0)	1907.5 (26615)	23.90	23.06	21.99	19.55	
		1882.5 (26365)	23.90	23.13	22.15	19.44	
		1857.5 (26115)	23.87	23.42	21.98	19.21	
	36RB-High (38)	1907.5 (26615)	22.96	21.93	20.90	19.34	
		1882.5 (26365)	22.96	21.82	20.92	19.31	
		1857.5 (26115)	23.03	22.00	20.97	19.38	
	36RB-Middle (19)	1907.5 (26615)	22.93	21.82	20.96	19.19	
		1882.5 (26365)	22.82	21.86	20.78	19.36	
		1857.5 (26115)	23.14	22.06	21.06	19.32	
	36RB-Low (0)	1907.5 (26615)	22.89	21.88	21.01	19.44	
		1882.5 (26365)	22.83	21.97	20.89	19.37	
		1857.5 (26115)	22.97	21.92	20.92	19.32	
	75RB (0)	1907.5 (26615)	22.84	21.91	20.86	19.57	
		1882.5 (26365)	22.91	21.84	20.77	19.19	
		1857.5 (26115)	23.07	22.02	21.03	19.21	
	20MHz	1RB-High (99)	1905 (26590)	23.70	23.09	21.77	19.21
			1882.5 (26365)	23.65	23.11	22.01	19.32
			1860 (26140)	23.95	23.40	22.11	19.57
		1RB-Middle (50)	1905 (26590)	23.84	23.22	21.96	19.52
			1882.5 (26365)	23.86	23.27	22.45	19.22
			1860 (26140)	24.14	23.39	22.03	19.56
1RB-Low (0)		1905 (26590)	23.71	22.97	21.89	19.26	
		1882.5 (26365)	24.10	23.18	22.21	19.40	
		1860 (26140)	24.05	22.97	21.82	19.44	
50RB-High (50)		1905 (26590)	22.89	21.92	20.90	19.22	
		1882.5 (26365)	22.87	21.94	20.89	19.38	
		1860 (26140)	23.08	22.02	21.12	19.22	
50RB-Middle (25)		1905 (26590)	23.04	21.91	21.03	19.46	
		1882.5 (26365)	22.83	21.91	20.93	19.46	
		1860 (26140)	23.11	22.14	21.13	19.18	

	50RB-Low (0)	1905 (26590)	22.76	21.88	20.85	19.43
		1882.5 (26365)	22.97	21.95	20.96	19.58
		1860 (26140)	23.01	21.96	20.94	19.31
	100RB (0)	1905 (26590)	22.99	21.94	20.91	19.24
		1882.5 (26365)	22.80	21.84	20.76	19.49
		1860 (26140)	23.01	22.15	21.13	19.25

LTE Band25(ANT1 DSI8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	19.6	19.81	19.38	19.23
		1882.5 (26365)	19.55	19.55	19.73	18.84
		1850.7 (26047)	19.58	19.94	19.57	18.88
	1RB-Middle (3)	1914.3 (26683)	19.4	19.66	19.58	19.06
		1882.5 (26365)	19.45	19.73	20.47	19.11
		1850.7 (26047)	19.76	20.01	19.76	18.82
	1RB-Low (0)	1914.3 (26683)	19.34	19.83	19.66	18.84
		1882.5 (26365)	19.79	20.08	19.5	19.05
		1850.7 (26047)	19.81	19.58	19.77	19.06
	3RB-High (3)	1914.3 (26683)	19.37	19.68	19.74	18.98
		1882.5 (26365)	19.53	19.78	19.63	18.79
		1850.7 (26047)	19.54	19.95	19.87	18.92
	3RB-Middle (1)	1914.3 (26683)	19.43	19.59	19.77	19.26
		1882.5 (26365)	19.43	19.88	20.39	19.01
		1850.7 (26047)	19.55	20.08	19.52	18.77
	3RB-Low (0)	1914.3 (26683)	19.37	19.67	19.59	19.15
		1882.5 (26365)	19.51	19.88	19.45	19.18
		1850.7 (26047)	19.48	19.69	19.6	18.84
	6RB (0)	1914.3 (26683)	19.49	19.58	19.76	18.99
		1882.5 (26365)	19.4	19.47	19.33	19.21
		1850.7 (26047)	19.73	19.64	19.9	18.97
3MHz	1RB-High (14)	1913.5 (26675)	19.28	19.97	19.55	19.24
		1882.5 (26365)	19.63	19.72	19.74	18.81
		1851.5 (26055)	19.67	19.88	19.55	18.94
	1RB-Middle (7)	1913.5 (26675)	19.53	19.92	19.56	19.31
		1882.5 (26365)	19.45	19.96	20.56	19.11
		1851.5 (26055)	19.66	20.05	19.75	19.06
	1RB-Low (0)	1913.5 (26675)	19.59	19.79	19.71	19.04
		1882.5 (26365)	19.52	19.99	19.56	19.15
		1851.5 (26055)	19.77	19.78	19.56	18.8
8RB-High (7)	1913.5 (26675)	19.68	19.62	19.65	19.19	

	8RB-Middle (4)	1882.5 (26365)	19.66	19.64	19.66	19.13	
		1851.5 (26055)	19.55	19.67	19.59	19.07	
		1913.5 (26675)	19.74	19.7	19.82	18.85	
		1882.5 (26365)	19.41	19.66	19.8	18.88	
		1851.5 (26055)	19.89	19.57	19.83	18.91	
		1913.5 (26675)	19.41	19.41	19.64	18.91	
	8RB-Low (0)	1882.5 (26365)	19.35	19.54	19.77	19.06	
		1851.5 (26055)	19.61	19.77	19.62	19.15	
		1913.5 (26675)	19.5	19.72	19.52	19.03	
	15RB (0)	1882.5 (26365)	19.6	19.54	19.49	19.04	
		1851.5 (26055)	19.49	19.84	19.76	18.82	
		1912.5 (26665)	19.49	19.83	19.68	19.36	
5MHz	1RB-High (24)	1882.5 (26365)	19.43	19.41	19.56	18.89	
		1852.5 (26065)	19.51	20.18	19.55	19.01	
		1912.5 (26665)	19.49	19.8	19.76	19.2	
	1RB-Middle (12)	1882.5 (26365)	19.63	19.82	20.51	19.1	
		1852.5 (26065)	19.77	20.24	19.77	18.71	
		1912.5 (26665)	19.4	19.89	19.37	19.06	
	1RB-Low (0)	1882.5 (26365)	19.82	19.98	19.63	19.36	
		1852.5 (26065)	19.8	19.48	19.76	19.17	
		1912.5 (26665)	19.41	19.64	19.42	18.83	
	12RB-High (13)	1882.5 (26365)	19.41	19.62	19.46	19.2	
		1852.5 (26065)	19.72	19.6	19.65	18.93	
		1912.5 (26665)	19.76	19.6	19.69	18.87	
	12RB-Middle (6)	1882.5 (26365)	19.34	19.67	19.45	19.07	
		1852.5 (26065)	19.89	19.65	19.89	18.87	
		1912.5 (26665)	19.71	19.68	19.77	19.13	
	12RB-Low (0)	1882.5 (26365)	19.5	19.64	19.45	18.81	
		1852.5 (26065)	19.71	19.83	19.72	19.19	
		1912.5 (26665)	19.55	19.56	19.51	18.96	
	25RB (0)	1882.5 (26365)	19.56	19.33	19.71	18.96	
		1852.5 (26065)	19.6	19.8	19.75	19.02	
		1910 (26640)	19.6	19.88	19.45	18.99	
	10MHz	1RB-High (49)	1882.5 (26365)	19.53	19.7	19.69	19.17
			1855 (26090)	19.65	20	19.83	18.91
			1910 (26640)	19.65	19.74	19.49	19.27
1RB-Middle (24)		1882.5 (26365)	19.69	19.94	20.26	18.84	
		1855 (26090)	19.51	20.33	19.71	18.73	
		1910 (26640)	19.29	19.61	19.51	19.08	
1RB-Low (0)		1882.5 (26365)	19.54	20.19	19.81	19.28	
		1855 (26090)	19.55	19.59	19.54	18.81	

	25RB-High (25)	1910 (26640)	19.47	19.48	19.52	18.99	
		1882.5 (26365)	19.59	19.51	19.51	19.17	
		1855 (26090)	19.5	19.82	19.64	18.85	
	25RB-Middle (12)	1910 (26640)	19.77	19.88	19.69	19.09	
		1882.5 (26365)	19.64	19.72	19.64	18.91	
		1855 (26090)	19.77	19.79	19.67	19.1	
	25RB-Low (0)	1910 (26640)	19.68	19.65	19.41	18.97	
		1882.5 (26365)	19.61	19.59	19.43	19.04	
		1855 (26090)	19.81	19.65	19.46	19.25	
	50RB (0)	1910 (26640)	19.76	19.82	19.43	18.88	
		1882.5 (26365)	19.59	19.39	19.44	18.87	
		1855 (26090)	19.61	19.63	19.73	18.89	
15MHz	1RB-High (74)	1907.5 (26615)	19.49	19.76	19.53	19.14	
		1882.5 (26365)	19.46	19.51	19.49	18.94	
		1857.5 (26115)	19.33	19.82	19.84	19.18	
	1RB-Middle (37)	1907.5 (26615)	19.34	19.57	19.52	19.23	
		1882.5 (26365)	19.79	19.83	20.39	18.98	
		1857.5 (26115)	19.41	19.97	19.81	18.78	
	1RB-Low (0)	1907.5 (26615)	19.6	19.71	19.42	18.83	
		1882.5 (26365)	19.72	20.03	19.75	19.06	
		1857.5 (26115)	19.7	19.71	19.75	19.17	
	36RB-High (38)	1907.5 (26615)	19.62	19.64	19.58	19.09	
		1882.5 (26365)	19.42	19.47	19.67	19.1	
		1857.5 (26115)	19.46	19.61	19.57	18.96	
	36RB-Middle (19)	1907.5 (26615)	19.85	19.71	19.53	18.99	
		1882.5 (26365)	19.69	19.56	19.72	18.81	
		1857.5 (26115)	19.6	19.92	19.92	18.81	
	36RB-Low (0)	1907.5 (26615)	19.47	19.75	19.76	19.16	
		1882.5 (26365)	19.68	19.63	19.76	19.04	
		1857.5 (26115)	19.62	19.88	19.73	19.33	
	75RB (0)	1907.5 (26615)	19.49	19.73	19.74	18.78	
		1882.5 (26365)	19.59	19.41	19.62	18.99	
		1857.5 (26115)	19.5	19.62	19.88	18.73	
	20MHz	1RB-High (99)	1905 (26590)	19.46	19.83	19.58	19.16
			1882.5 (26365)	19.51	19.6	19.6	18.98
			1860 (26140)	19.49	19.98	19.74	19.05
1RB-Middle (50)		1905 (26590)	19.54	19.77	19.67	19.19	
		1882.5 (26365)	19.61	19.83	20.45	18.98	
		1860 (26140)	19.57	20.16	19.62	18.91	
1RB-Low (0)		1905 (26590)	19.42	19.72	19.56	18.97	
		1882.5 (26365)	19.65	20.06	19.64	19.18	

		1860 (26140)	19.67	19.59	19.73	18.97
50RB-High (50)		1905 (26590)	19.6	19.62	19.58	19.03
		1882.5 (26365)	19.53	19.59	19.51	19.09
		1860 (26140)	19.65	19.78	19.71	18.92
50RB-Middle (25)		1905 (26590)	19.68	19.71	19.7	18.9
		1882.5 (26365)	19.53	19.61	19.61	18.94
		1860 (26140)	19.75	19.75	19.76	18.94
50RB-Low (0)		1905 (26590)	19.52	19.61	19.59	19.1
		1882.5 (26365)	19.54	19.62	19.61	19
		1860 (26140)	19.65	19.72	19.63	19.16
100RB (0)		1905 (26590)	19.65	19.69	19.62	18.92
		1882.5 (26365)	19.5	19.44	19.6	19.01
		1860 (26140)	19.68	19.7	19.71	18.9

LTE Band25(ANT4 DSI0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	23.76	23.21	22.05	19.22
		1882.5 (26365)	23.90	23.15	22.34	19.08
		1850.7 (26047)	24.01	23.33	22.26	18.87
	1RB-Middle (3)	1914.3 (26683)	23.90	23.21	22.08	18.85
		1882.5 (26365)	23.92	23.09	22.40	18.83
		1850.7 (26047)	23.96	23.33	22.49	19.09
	1RB-Low (0)	1914.3 (26683)	23.73	23.23	22.09	19.11
		1882.5 (26365)	23.83	23.32	22.14	18.91
		1850.7 (26047)	23.88	23.28	22.32	19.05
	3RB-High (3)	1914.3 (26683)	23.89	23.11	22.17	18.93
		1882.5 (26365)	23.96	23.20	22.18	19.22
		1850.7 (26047)	23.92	23.13	22.22	19.12
	3RB-Middle (1)	1914.3 (26683)	23.87	22.95	22.19	18.91
		1882.5 (26365)	23.96	23.09	22.17	18.92
		1850.7 (26047)	24.00	23.10	22.29	18.85
	3RB-Low (0)	1914.3 (26683)	23.76	22.90	22.07	18.95
		1882.5 (26365)	23.95	23.05	22.43	19.04
		1850.7 (26047)	24.01	23.21	22.19	18.88
	6RB (0)	1914.3 (26683)	22.86	21.99	21.09	18.95
		1882.5 (26365)	22.99	21.96	21.17	19.19
		1850.7 (26047)	22.85	22.25	21.24	19.00
3MHz	1RB-High (14)	1913.5 (26675)	23.81	23.19	22.15	18.86
		1882.5 (26365)	23.83	23.15	22.19	18.84
		1851.5 (26055)	24.01	23.01	22.24	19.09

	1RB-Middle (7)	1913.5 (26675)	23.91	23.32	22.16	18.89	
		1882.5 (26365)	23.98	23.34	22.34	18.99	
		1851.5 (26055)	23.98	23.19	22.25	18.88	
	1RB-Low (0)	1913.5 (26675)	23.90	23.29	22.27	18.84	
		1882.5 (26365)	23.90	23.33	22.28	19.08	
		1851.5 (26055)	23.97	23.25	22.37	18.96	
	8RB-High (7)	1913.5 (26675)	22.97	22.08	21.07	18.93	
		1882.5 (26365)	22.98	22.08	21.25	18.84	
		1851.5 (26055)	23.11	21.71	21.32	19.06	
	8RB-Middle (4)	1913.5 (26675)	22.99	22.10	21.19	19.21	
		1882.5 (26365)	23.00	22.18	21.22	19.11	
		1851.5 (26055)	23.11	21.20	20.92	19.14	
	8RB-Low (0)	1913.5 (26675)	22.95	22.05	21.25	19.06	
		1882.5 (26365)	22.90	21.94	21.11	19.22	
		1851.5 (26055)	22.13	22.07	21.36	19.13	
	15RB (0)	1913.5 (26675)	22.88	21.94	21.08	19.21	
		1882.5 (26365)	22.85	21.88	21.16	18.91	
		1851.5 (26055)	22.53	22.14	21.26	19.10	
	5MHz	1RB-High (24)	1912.5 (26665)	23.85	23.26	22.28	19.05
			1882.5 (26365)	23.87	23.17	22.35	19.10
			1852.5 (26065)	24.01	23.27	22.48	19.01
1RB-Middle (12)		1912.5 (26665)	23.82	23.17	22.32	18.86	
		1882.5 (26365)	23.94	23.24	22.28	19.02	
		1852.5 (26065)	24.06	23.44	22.20	19.13	
1RB-Low (0)		1912.5 (26665)	24.00	23.35	22.33	18.87	
		1882.5 (26365)	23.97	23.32	22.08	19.05	
		1852.5 (26065)	23.85	23.33	22.16	18.98	
12RB-High (13)		1912.5 (26665)	22.90	21.90	21.18	18.94	
		1882.5 (26365)	23.02	22.04	21.17	18.83	
		1852.5 (26065)	23.05	22.17	21.30	19.07	
12RB-Middle (6)		1912.5 (26665)	23.04	22.08	21.30	18.93	
		1882.5 (26365)	22.96	21.98	21.16	18.86	
		1852.5 (26065)	23.15	22.22	21.35	19.23	
12RB-Low (0)		1912.5 (26665)	22.87	21.98	21.15	19.03	
		1882.5 (26365)	22.91	22.01	21.25	18.87	
		1852.5 (26065)	23.01	22.07	21.25	19.04	
25RB (0)		1912.5 (26665)	22.95	21.97	21.02	18.85	
		1882.5 (26365)	22.92	21.94	21.05	19.05	
		1852.5 (26065)	23.15	22.11	21.29	18.84	
10MHz		1RB-High (49)	1910 (26640)	23.81	23.20	22.20	18.85
			1882.5 (26365)	23.84	23.35	22.61	18.96

		1855 (26090)	24.05	23.55	22.29	18.83
	1RB-Middle (24)	1910 (26640)	23.96	23.27	22.46	19.13
		1882.5 (26365)	23.89	23.33	22.44	19.06
		1855 (26090)	23.96	23.38	22.36	19.19
	1RB-Low (0)	1910 (26640)	24.01	23.36	22.32	19.03
		1882.5 (26365)	23.89	23.47	22.35	19.02
		1855 (26090)	23.89	23.35	22.16	19.04
	25RB-High (25)	1910 (26640)	22.97	21.99	21.26	18.88
		1882.5 (26365)	22.98	21.97	21.25	19.05
		1855 (26090)	23.12	22.12	21.36	18.94
	25RB-Middle (12)	1910 (26640)	23.05	22.08	21.23	19.22
		1882.5 (26365)	23.04	21.97	21.20	18.94
		1855 (26090)	23.12	22.18	21.35	19.08
	25RB-Low (0)	1910 (26640)	22.99	21.98	21.18	18.94
		1882.5 (26365)	22.91	22.01	21.22	19.12
		1855 (26090)	23.02	22.08	21.22	19.04
	50RB (0)	1910 (26640)	23.04	21.95	21.20	18.87
		1882.5 (26365)	22.91	21.94	21.21	18.99
		1855 (26090)	23.08	22.14	21.27	19.11
15MHz	1RB-High (74)	1907.5 (26615)	23.73	22.92	21.97	18.94
		1882.5 (26365)	23.71	23.45	22.37	19.14
		1857.5 (26115)	23.96	23.26	22.43	18.90
	1RB-Middle (37)	1907.5 (26615)	23.99	23.06	22.16	19.00
		1882.5 (26365)	23.73	22.97	21.99	18.94
		1857.5 (26115)	23.89	23.32	22.31	19.14
	1RB-Low (0)	1907.5 (26615)	23.77	23.22	22.12	18.97
		1882.5 (26365)	23.80	23.06	22.10	18.97
		1857.5 (26115)	23.70	23.10	21.92	19.09
	36RB-High (38)	1907.5 (26615)	22.83	21.97	20.99	19.18
		1882.5 (26365)	22.86	21.85	21.12	18.90
		1857.5 (26115)	23.03	21.97	21.20	19.23
	36RB-Middle (19)	1907.5 (26615)	22.89	21.81	20.93	18.94
		1882.5 (26365)	22.75	21.78	20.99	18.86
		1857.5 (26115)	23.02	22.08	21.28	18.84
	36RB-Low (0)	1907.5 (26615)	22.84	21.82	21.05	19.21
		1882.5 (26365)	22.90	21.78	20.94	19.03
		1857.5 (26115)	22.95	21.90	21.07	18.95
	75RB (0)	1907.5 (26615)	22.72	21.83	21.08	18.89
		1882.5 (26365)	22.77	21.89	21.04	19.02
		1857.5 (26115)	22.97	21.92	21.23	19.22
20MHz	1RB-High (99)	1905 (26590)	23.70	23.10	22.40	18.96

	1882.5 (26365)	23.70	22.81	21.92	19.17
	1860 (26140)	23.85	23.14	22.14	18.88
1RB-Middle (50)	1905 (26590)	23.67	23.19	22.73	18.86
	1882.5 (26365)	23.78	23.17	22.08	18.88
	1860 (26140)	24.18	23.11	22.92	19.08
1RB-Low (0)	1905 (26590)	23.87	23.15	22.16	18.89
	1882.5 (26365)	23.82	23.21	22.46	19.10
	1860 (26140)	23.78	22.96	22.64	19.18
50RB-High (50)	1905 (26590)	22.85	21.86	21.10	19.01
	1882.5 (26365)	22.80	21.88	21.04	19.03
	1860 (26140)	23.04	21.98	21.21	19.02
50RB-Middle (25)	1905 (26590)	22.89	21.86	21.09	18.85
	1882.5 (26365)	22.69	21.75	21.06	19.17
	1860 (26140)	23.16	22.01	21.23	19.22
50RB-Low (0)	1905 (26590)	22.69	21.86	21.06	19.03
	1882.5 (26365)	22.89	21.83	21.11	19.05
	1860 (26140)	22.95	21.92	21.09	18.97
100RB (0)	1905 (26590)	22.90	21.86	21.11	19.12
	1882.5 (26365)	22.81	21.85	21.05	19.03
	1860 (26140)	22.95	22.09	21.21	18.96

LTE Band25(ANT4 DSI2/3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
1.4MHz	1RB-High (5)	1914.3 (26683)	17.62	17.8	18	18.62	
		1882.5 (26365)	18	18.01	18.16	18.78	
		1850.7 (26047)	17.81	18.59	18.09	18.88	
	1RB-Middle (3)	1914.3 (26683)	17.8	18.1	17.87	18.68	
		1882.5 (26365)	17.99	18.17	18	18.99	
		1850.7 (26047)	18.19	18.27	18.45	18.75	
	1RB-Low (0)	1914.3 (26683)	17.98	17.95	17.9	18.82	
		1882.5 (26365)	17.87	17.99	18.31	18.75	
		1850.7 (26047)	17.77	18.41	18.38	18.92	
	3RB-High (3)	1914.3 (26683)	17.55	17.87	17.63	18.75	
		1882.5 (26365)	17.96	17.87	17.83	18.83	
		1850.7 (26047)	18	18.52	18.27	18.55	
	3RB-Middle (1)	1914.3 (26683)	17.85	18.23	18.02	18.77	
		1882.5 (26365)	17.81	18.01	17.95	18.8	
		1850.7 (26047)	18.22	18.06	18.37	18.81	
	3RB-Low (0)	1914.3 (26683)	17.9	18.08	17.99	18.56	
		1882.5 (26365)	17.86	18.34	18.15	18.71	
		1850.7 (26047)	18.1	18.12	18.26	19.09	
	6RB (0)	1914.3 (26683)	18.05	18.04	18.01	18.5	
		1882.5 (26365)	17.99	18.11	18.03	18.66	
		1850.7 (26047)	18.23	18.19	17.97	18.67	
	3MHz	1RB-High (14)	1913.5 (26675)	17.93	17.93	17.8	18.47
			1882.5 (26365)	17.93	17.85	18.01	18.77
			1851.5 (26055)	17.95	18.43	18.26	18.57
		1RB-Middle (7)	1913.5 (26675)	18.04	18.36	17.84	18.53
			1882.5 (26365)	17.95	18.08	18.17	18.76
			1851.5 (26055)	18.37	18.21	18.15	18.87
1RB-Low (0)		1913.5 (26675)	17.93	18.22	17.94	18.71	
		1882.5 (26365)	17.99	18.05	18.11	18.59	
		1851.5 (26055)	18.12	18.29	18.03	19.05	
8RB-High (7)		1913.5 (26675)	18.14	17.82	17.98	18.46	
		1882.5 (26365)	18.07	17.92	17.75	18.6	
		1851.5 (26055)	18.09	17.87	17.92	18.74	
8RB-Middle (4)		1913.5 (26675)	18.01	17.86	17.95	18.74	
		1882.5 (26365)	17.9	17.83	17.86	18.86	
		1851.5 (26055)	18.13	18.04	18.1	18.79	
8RB-Low (0)		1913.5 (26675)	18.1	18.01	17.93	18.64	
		1882.5 (26365)	18.1	18	17.72	18.84	

		1851.5 (26055)	18.13	17.83	18.09	18.86	
	15RB (0)	1913.5 (26675)	17.97	17.78	17.85	18.64	
		1882.5 (26365)	17.99	18.01	17.7	18.92	
		1851.5 (26055)	18.23	17.9	18.09	18.55	
5MHz	1RB-High (24)	1912.5 (26665)	17.88	17.85	17.83	18.54	
		1882.5 (26365)	17.97	17.97	17.97	18.69	
		1852.5 (26065)	18.07	18.58	18.02	18.86	
	1RB-Middle (12)	1912.5 (26665)	17.76	18.36	17.87	18.65	
		1882.5 (26365)	17.81	18.32	18.21	18.8	
		1852.5 (26065)	18.4	18.05	18.16	18.98	
	1RB-Low (0)	1912.5 (26665)	18	18.09	17.64	18.65	
		1882.5 (26365)	17.85	17.99	18.1	18.79	
		1852.5 (26065)	17.93	18.06	18.35	18.9	
	12RB-High (13)	1912.5 (26665)	17.79	17.83	17.79	18.79	
		1882.5 (26365)	17.99	18.05	17.75	18.59	
		1852.5 (26065)	18.39	17.88	18.18	18.64	
	12RB-Middle (6)	1912.5 (26665)	17.93	17.73	17.71	18.74	
		1882.5 (26365)	17.86	17.89	17.84	18.58	
		1852.5 (26065)	18.05	18.17	17.97	18.72	
	12RB-Low (0)	1912.5 (26665)	18.02	17.74	17.78	18.79	
		1882.5 (26365)	17.9	17.76	18.11	18.77	
		1852.5 (26065)	18.21	17.82	18.07	18.69	
	25RB (0)	1912.5 (26665)	18.04	17.75	17.87	18.44	
		1882.5 (26365)	17.8	17.68	18	18.61	
		1852.5 (26065)	17.99	18.07	18.17	18.82	
	10MHz	1RB-High (49)	1910 (26640)	17.62	18.02	17.64	18.54
			1882.5 (26365)	17.8	18.05	17.9	18.64
			1855 (26090)	17.83	18.39	18.24	18.84
1RB-Middle (24)		1910 (26640)	17.78	18.21	17.76	18.74	
		1882.5 (26365)	17.92	18.02	18.26	18.83	
		1855 (26090)	18.4	18.15	18.18	18.75	
1RB-Low (0)		1910 (26640)	17.71	18.01	17.63	18.82	
		1882.5 (26365)	17.78	18.1	18.25	18.71	
		1855 (26090)	18	18.24	18.08	18.86	
25RB-High (25)		1910 (26640)	18.02	18.01	18.09	18.6	
		1882.5 (26365)	17.77	17.88	18.02	18.75	
		1855 (26090)	18.09	17.92	18.21	18.56	
25RB-Middle (12)		1910 (26640)	18.01	18.03	17.73	18.94	
		1882.5 (26365)	17.85	17.93	17.93	18.61	
		1855 (26090)	18.08	18.16	17.99	18.84	
25RB-Low (0)		1910 (26640)	17.95	17.91	17.67	18.47	

	50RB (0)	1882.5 (26365)	18.1	17.94	17.81	18.97	
		1855 (26090)	18.06	18.08	18.02	19.01	
		1910 (26640)	17.89	17.94	17.73	18.77	
		1882.5 (26365)	17.93	17.94	17.87	18.54	
		1855 (26090)	18.16	18.23	17.94	18.77	
15MHz	1RB-High (74)	1907.5 (26615)	17.9	17.84	17.77	18.81	
		1882.5 (26365)	17.69	17.92	18.09	18.87	
		1857.5 (26115)	18.04	18.32	17.93	18.6	
	1RB-Middle (37)	1907.5 (26615)	17.72	18.43	18.07	18.77	
		1882.5 (26365)	17.87	18.01	18.16	18.84	
		1857.5 (26115)	18.19	18.07	18.19	18.71	
	1RB-Low (0)	1907.5 (26615)	17.77	17.89	17.84	18.62	
		1882.5 (26365)	17.89	18.23	18.28	18.68	
		1857.5 (26115)	17.79	18.41	18.05	19.06	
	36RB-High (38)	1907.5 (26615)	18.12	17.68	18	18.81	
		1882.5 (26365)	18.14	17.93	18.04	18.83	
		1857.5 (26115)	18.08	18.1	18.12	18.62	
	36RB-Middle (19)	1907.5 (26615)	17.92	17.99	17.71	18.73	
		1882.5 (26365)	17.94	17.67	17.86	18.75	
		1857.5 (26115)	18.07	18.05	17.87	18.7	
	36RB-Low (0)	1907.5 (26615)	17.87	18.04	17.75	18.86	
		1882.5 (26365)	18.04	17.88	17.84	18.95	
		1857.5 (26115)	18.25	17.71	18.08	18.92	
	75RB (0)	1907.5 (26615)	17.83	17.76	17.69	18.68	
		1882.5 (26365)	18.06	17.9	17.65	18.62	
		1857.5 (26115)	18.2	18.23	17.83	18.8	
	20MHz	1RB-High (99)	1905 (26590)	17.74	17.96	17.83	18.62
			1882.5 (26365)	17.84	18.02	18	18.81
			1860 (26140)	17.99	18.4	18.11	18.73
1RB-Middle (50)		1905 (26590)	17.88	18.24	17.93	18.67	
		1882.5 (26365)	17.92	18.15	18.07	18.84	
		1860 (26140)	18.23	18.25	18.32	18.87	
1RB-Low (0)		1905 (26590)	17.89	18.09	17.83	18.65	
		1882.5 (26365)	17.94	18.14	18.24	18.76	
		1860 (26140)	17.92	18.24	18.22	18.9	
50RB-High (50)		1905 (26590)	17.99	17.88	17.92	18.65	
		1882.5 (26365)	17.95	17.95	17.84	18.74	
		1860 (26140)	18.21	18.04	18.05	18.71	
50RB-Middle (25)		1905 (26590)	18.03	17.92	17.86	18.9	
		1882.5 (26365)	17.95	17.82	17.85	18.76	
		1860 (26140)	18.1	18.08	17.94	18.72	

	50RB-Low (0)	1905 (26590)	17.95	17.94	17.78	18.67
		1882.5 (26365)	18.04	17.92	17.91	18.77
		1860 (26140)	18.06	17.88	17.92	18.88
	100RB (0)	1905 (26590)	17.99	17.89	17.87	18.6
		1882.5 (26365)	17.93	17.83	17.84	18.73
		1860 (26140)	18.15	18.07	18.03	18.62

LTE Band25(ANT4 DS18)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	22.7	23.26	22.54	18.84
		1882.5 (26365)	22.84	22.95	22.68	18.63
		1850.7 (26047)	23.05	23.21	22.93	18.89
	1RB-Middle (3)	1914.3 (26683)	22.79	22.95	22.53	18.65
		1882.5 (26365)	22.98	22.95	23.67	18.59
		1850.7 (26047)	22.71	22.84	22.88	18.86
	1RB-Low (0)	1914.3 (26683)	22.67	23.19	22.75	18.92
		1882.5 (26365)	22.61	23.08	23.12	18.97
		1850.7 (26047)	22.58	22.71	23.29	18.68
	3RB-High (3)	1914.3 (26683)	22.47	23.38	22.52	18.54
		1882.5 (26365)	22.78	22.96	22.7	18.84
		1850.7 (26047)	22.88	22.92	22.84	19.01
	3RB-Middle (1)	1914.3 (26683)	22.54	23.08	22.81	18.71
		1882.5 (26365)	22.63	23.03	23.67	18.55
		1850.7 (26047)	22.82	23.15	22.9	18.78
	3RB-Low (0)	1914.3 (26683)	22.64	22.93	22.55	18.88
		1882.5 (26365)	22.54	22.96	23.09	18.89
		1850.7 (26047)	22.52	22.72	23.37	18.75
	6RB (0)	1914.3 (26683)	22.85	22.03	22.06	18.67
		1882.5 (26365)	22.89	21.81	21.9	18.83
		1850.7 (26047)	22.93	22.05	21.95	18.78
3MHz	1RB-High (14)	1913.5 (26675)	22.46	23.39	22.53	18.86
		1882.5 (26365)	22.77	22.84	22.57	18.55
		1851.5 (26055)	22.7	23.03	22.89	18.92
	1RB-Middle (7)	1913.5 (26675)	22.77	22.89	22.66	18.94
		1882.5 (26365)	22.64	22.97	23.76	18.85
		1851.5 (26055)	22.65	23.18	22.84	18.7
	1RB-Low (0)	1913.5 (26675)	22.46	22.82	22.83	18.84
		1882.5 (26365)	22.89	22.94	23.06	19.05
		1851.5 (26055)	22.44	22.77	23.3	18.68
8RB-High (7)	1913.5 (26675)	22.54	21.71	21.86	18.7	

		1882.5 (26365)	22.61	21.8	21.77	18.93	
		1851.5 (26055)	22.72	22	21.91	18.93	
	8RB-Middle (4)	1913.5 (26675)	22.75	21.71	22.06	18.84	
		1882.5 (26365)	22.84	21.98	21.83	18.63	
		1851.5 (26055)	23.1	21.96	21.88	18.76	
	8RB-Low (0)	1913.5 (26675)	22.6	21.86	21.61	18.68	
		1882.5 (26365)	22.85	21.82	21.8	18.68	
		1851.5 (26055)	22.75	21.86	22.01	18.7	
	15RB (0)	1913.5 (26675)	22.86	21.9	21.72	18.95	
		1882.5 (26365)	22.77	21.89	21.65	18.89	
1851.5 (26055)		23.04	21.94	21.82	19.03		
5MHz	1RB-High (24)	1912.5 (26665)	22.4	23.06	22.7	18.69	
		1882.5 (26365)	22.62	22.7	22.71	18.66	
		1852.5 (26065)	22.78	22.89	22.59	18.75	
	1RB-Middle (12)	1912.5 (26665)	22.82	22.82	22.49	18.7	
		1882.5 (26365)	22.63	23.06	23.58	18.72	
		1852.5 (26065)	22.78	22.89	23	18.55	
	1RB-Low (0)	1912.5 (26665)	22.68	22.85	22.64	18.98	
		1882.5 (26365)	22.52	23.05	23.1	18.92	
		1852.5 (26065)	22.45	23	23.48	18.84	
	12RB-High (13)	1912.5 (26665)	22.72	22.04	22	18.88	
		1882.5 (26365)	22.67	21.62	21.93	18.75	
		1852.5 (26065)	22.98	22.01	21.9	18.77	
	12RB-Middle (6)	1912.5 (26665)	22.88	22.08	22.02	19.08	
		1882.5 (26365)	22.58	21.91	21.96	18.63	
		1852.5 (26065)	22.81	22.09	22.03	19.02	
	12RB-Low (0)	1912.5 (26665)	22.59	21.8	21.6	18.82	
		1882.5 (26365)	22.75	21.85	21.74	18.86	
		1852.5 (26065)	22.86	21.82	21.86	18.91	
	25RB (0)	1912.5 (26665)	22.91	21.84	21.7	19.01	
		1882.5 (26365)	22.78	21.78	21.75	18.55	
		1852.5 (26065)	22.88	22.01	21.82	18.92	
	10MHz	1RB-High (49)	1910 (26640)	22.77	23.38	22.69	18.77
			1882.5 (26365)	22.54	22.65	22.55	18.5
			1855 (26090)	22.79	22.89	22.86	18.67
1RB-Middle (24)		1910 (26640)	22.63	22.86	22.85	18.86	
		1882.5 (26365)	22.63	22.98	23.43	18.71	
		1855 (26090)	22.74	23.24	22.73	18.87	
1RB-Low (0)		1910 (26640)	22.53	22.99	22.54	19.04	
		1882.5 (26365)	22.71	23.05	23.06	18.75	
		1855 (26090)	22.54	22.79	23.49	18.97	

	25RB-High (25)	1910 (26640)	22.85	21.85	22.08	18.63	
		1882.5 (26365)	22.59	21.9	21.79	18.95	
		1855 (26090)	22.88	22.09	22.15	18.78	
	25RB-Middle (12)	1910 (26640)	22.87	22.08	22	18.96	
		1882.5 (26365)	22.78	21.86	21.81	18.79	
		1855 (26090)	22.94	22	21.89	18.85	
	25RB-Low (0)	1910 (26640)	22.68	21.89	21.91	18.67	
		1882.5 (26365)	22.78	21.61	21.74	18.92	
		1855 (26090)	22.71	22.08	21.92	18.98	
	50RB (0)	1910 (26640)	22.97	21.69	21.82	18.77	
		1882.5 (26365)	22.42	21.82	21.72	18.69	
		1855 (26090)	22.94	21.89	21.9	19.12	
15MHz	1RB-High (74)	1907.5 (26615)	22.68	23.31	22.51	18.87	
		1882.5 (26365)	22.74	22.91	22.37	18.62	
		1857.5 (26115)	22.78	23.08	22.77	18.93	
	1RB-Middle (37)	1907.5 (26615)	22.66	22.99	22.73	18.78	
		1882.5 (26365)	22.72	23.17	23.58	18.58	
		1857.5 (26115)	22.64	23.02	22.81	18.71	
	1RB-Low (0)	1907.5 (26615)	22.53	22.84	22.75	19.02	
		1882.5 (26365)	22.57	22.74	22.88	19.1	
		1857.5 (26115)	22.4	22.82	23.49	18.96	
	36RB-High (38)	1907.5 (26615)	22.64	21.95	21.8	18.68	
		1882.5 (26365)	22.77	21.9	21.8	19.09	
		1857.5 (26115)	23.02	22.03	22.09	18.88	
	36RB-Middle (19)	1907.5 (26615)	22.57	22.09	22.09	18.82	
		1882.5 (26365)	22.82	21.89	21.94	18.89	
		1857.5 (26115)	23.1	22.09	21.86	18.88	
	36RB-Low (0)	1907.5 (26615)	22.74	21.58	21.52	18.74	
		1882.5 (26365)	22.6	21.67	22.04	18.92	
		1857.5 (26115)	22.85	21.9	21.97	18.75	
	75RB (0)	1907.5 (26615)	22.83	21.92	21.85	18.75	
		1882.5 (26365)	22.79	21.86	21.67	18.85	
		1857.5 (26115)	22.89	22.03	22.16	19.14	
	20MHz	1RB-High (99)	1905 (26590)	22.89	23.54	22.91	18.72
			1882.5 (26365)	22.99	23.14	22.85	18.69
			1860 (26140)	23.15	23.31	23.04	18.81
1RB-Middle (50)		1905 (26590)	22.96	23.24	22.98	18.8	
		1882.5 (26365)	23.08	23.33	23.91	18.72	
		1860 (26140)	23.05	23.34	23.21	18.71	
1RB-Low (0)		1905 (26590)	22.95	23.31	22.98	18.95	
		1882.5 (26365)	23.02	23.23	23.37	18.9	

		1860 (26140)	22.83	23.2	23.7	18.82
50RB-High (50)		1905 (26590)	23	22.21	22.18	18.73
		1882.5 (26365)	23.23	22.1	22.09	18.89
		1860 (26140)	23.15	22.36	22.34	18.86
50RB-Middle (25)		1905 (26590)	22.98	22.2	22.21	18.94
		1882.5 (26365)	22.96	22.2	22.16	18.79
		1860 (26140)	23.25	22.31	22.36	18.87
50RB-Low (0)		1905 (26590)	22.99	22.05	22.01	18.71
		1882.5 (26365)	23.1	22.11	22.18	18.82
		1860 (26140)	23.02	22.25	22.19	18.83
100RB (0)		1905 (26590)	23.18	22.16	22.19	18.81
		1882.5 (26365)	22.92	22.09	22.06	18.72
		1860 (26140)	23.19	22.21	22.26	18.94

LTE Band25(ANT4 DSI13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	21.2	21.08	21.16	18.74
		1882.5 (26365)	21.16	21.43	21.19	18.9
		1850.7 (26047)	21.22	21.2	21.19	18.51
	1RB-Middle (3)	1914.3 (26683)	21.42	21.22	21.17	18.81
		1882.5 (26365)	21.09	21.14	21.15	18.79
		1850.7 (26047)	21.38	21.29	21.09	18.67
	1RB-Low (0)	1914.3 (26683)	21.09	21.35	21.23	18.84
		1882.5 (26365)	21.07	21.36	21.18	18.84
		1850.7 (26047)	21.26	21.24	21.32	18.69
	3RB-High (3)	1914.3 (26683)	21.12	21.38	21.25	18.69
		1882.5 (26365)	21.05	21.19	21.32	18.69
		1850.7 (26047)	21.17	21.17	21.1	18.73
	3RB-Middle (1)	1914.3 (26683)	21.1	21.45	21.05	18.59
		1882.5 (26365)	21.2	21.05	21.29	18.85
		1850.7 (26047)	21.19	21.19	21.3	18.59
	3RB-Low (0)	1914.3 (26683)	21.07	21.12	21.1	18.65
		1882.5 (26365)	21.14	21.17	21.07	18.77
		1850.7 (26047)	21.13	21.25	21.3	18.65
	6RB (0)	1914.3 (26683)	21.11	21.13	21.18	18.77
		1882.5 (26365)	21.2	21.25	21.42	18.85
		1850.7 (26047)	21.32	21.34	21.36	18.82
3MHz	1RB-High (14)	1913.5 (26675)	21.27	21.19	21.07	18.56
		1882.5 (26365)	21.4	21.24	21.16	18.7
		1851.5 (26055)	21.37	21.15	21.11	18.53
	1RB-Middle (7)	1913.5 (26675)	21.18	21.29	21.36	18.54
		1882.5 (26365)	21.18	21.11	21.08	18.9
		1851.5 (26055)	21.2	21.43	21.42	18.7
	1RB-Low (0)	1913.5 (26675)	21.17	21.41	21.11	18.8
		1882.5 (26365)	21.24	21.28	21.19	18.85
		1851.5 (26055)	21.44	21.13	21.12	18.87
	8RB-High (7)	1913.5 (26675)	21.07	21.29	21.24	18.57
		1882.5 (26365)	21.42	21.37	21.33	18.55
		1851.5 (26055)	21.11	21.08	21.08	18.68
	8RB-Middle (4)	1913.5 (26675)	21.22	21.17	21.34	18.65
		1882.5 (26365)	21.05	21.24	21.27	18.72
		1851.5 (26055)	21.37	21.43	21.05	18.66
	8RB-Low (0)	1913.5 (26675)	21.43	21.39	21.44	18.75
		1882.5 (26365)	21.13	21.44	21.45	18.59

		1851.5 (26055)	21.15	21.45	21.23	18.6	
	15RB (0)	1913.5 (26675)	21.45	21.2	21.37	18.83	
		1882.5 (26365)	21.45	21.41	21.2	18.89	
		1851.5 (26055)	21.42	21.43	21.32	18.69	
5MHz	1RB-High (24)	1912.5 (26665)	21.39	21.41	21.36	18.74	
		1882.5 (26365)	21.08	21.22	21.26	18.71	
		1852.5 (26065)	21.18	21.12	21.34	18.89	
	1RB-Middle (12)	1912.5 (26665)	21.37	21.06	21.43	18.57	
		1882.5 (26365)	21.25	21.22	21.37	18.54	
		1852.5 (26065)	21.05	21.17	21.22	18.57	
	1RB-Low (0)	1912.5 (26665)	21.21	21.41	21.2	18.76	
		1882.5 (26365)	21.28	21.32	21.25	18.72	
		1852.5 (26065)	21.18	21.05	21.29	18.81	
	12RB-High (13)	1912.5 (26665)	21.15	21.39	21.12	18.64	
		1882.5 (26365)	21.42	21.44	21.43	18.88	
		1852.5 (26065)	21.17	21.38	21.05	18.58	
	12RB-Middle (6)	1912.5 (26665)	21.35	21.11	21.24	18.79	
		1882.5 (26365)	21.4	21.21	21.26	18.63	
		1852.5 (26065)	21.06	21.14	21.26	18.55	
	12RB-Low (0)	1912.5 (26665)	21.05	21.34	21.43	18.81	
		1882.5 (26365)	21.35	21.26	21.38	18.58	
		1852.5 (26065)	21.06	21.18	21.42	18.66	
	25RB (0)	1912.5 (26665)	21.42	21.05	21.23	18.74	
		1882.5 (26365)	21.14	21.24	21.29	18.65	
		1852.5 (26065)	21.25	21.42	21.37	18.84	
	10MHz	1RB-High (49)	1910 (26640)	21.16	21.4	21.15	18.71
			1882.5 (26365)	21.1	21.09	21.22	18.54
			1855 (26090)	21.27	21.22	21.12	18.6
1RB-Middle (24)		1910 (26640)	21.05	21.25	21.29	18.76	
		1882.5 (26365)	21.45	21.31	21.4	18.8	
		1855 (26090)	21.18	21.28	21.14	18.72	
1RB-Low (0)		1910 (26640)	21.11	21.28	21.36	18.63	
		1882.5 (26365)	21.22	21.25	21.31	18.84	
		1855 (26090)	21.33	21.41	21.3	18.9	
25RB-High (25)		1910 (26640)	21.39	21.41	21.38	18.85	
		1882.5 (26365)	21.22	21.38	21.1	18.5	
		1855 (26090)	21.2	21.1	21.33	18.72	
25RB-Middle (12)		1910 (26640)	21.07	21.13	21.22	18.57	
		1882.5 (26365)	21.16	21.38	21.45	18.78	
		1855 (26090)	21.14	21.21	21.13	18.83	
25RB-Low (0)		1910 (26640)	21.27	21.11	21.31	18.77	

	50RB (0)	1882.5 (26365)	21.1	21.32	21.21	18.64	
		1855 (26090)	21.11	21.35	21.37	18.7	
		1910 (26640)	21.31	21.23	21.43	18.56	
		1882.5 (26365)	21.1	21.44	21.39	18.67	
		1855 (26090)	21.05	21.43	21.16	18.64	
15MHz	1RB-High (74)	1907.5 (26615)	21.07	21.26	21.07	18.62	
		1882.5 (26365)	21.32	21.35	21.1	18.81	
		1857.5 (26115)	21.13	21.41	21.44	18.78	
	1RB-Middle (37)	1907.5 (26615)	21.29	21.33	21.07	18.83	
		1882.5 (26365)	21.43	21.23	21.31	18.84	
		1857.5 (26115)	21.41	21.14	21.45	18.53	
	1RB-Low (0)	1907.5 (26615)	21.42	21.34	21.24	18.82	
		1882.5 (26365)	21.31	21.08	21.16	18.56	
		1857.5 (26115)	21.09	21.3	21.36	18.54	
	36RB-High (38)	1907.5 (26615)	21.34	21.41	21.32	18.8	
		1882.5 (26365)	21.34	21.19	21.43	18.71	
		1857.5 (26115)	21.35	21.28	21.45	18.54	
	36RB-Middle (19)	1907.5 (26615)	21.08	21.43	21.18	18.78	
		1882.5 (26365)	21.24	21.28	21.36	18.84	
		1857.5 (26115)	21.24	21.45	21.22	18.82	
	36RB-Low (0)	1907.5 (26615)	21.29	21.34	21.09	18.8	
		1882.5 (26365)	21.36	21.44	21.05	18.79	
		1857.5 (26115)	21.1	21.26	21.11	18.56	
	75RB (0)	1907.5 (26615)	21.28	21.06	21.09	18.81	
		1882.5 (26365)	21.16	21.37	21.24	18.73	
		1857.5 (26115)	21.45	21.05	21.13	18.5	
	20MHz	1RB-High (99)	1905 (26590)	21.23	21.39	21.06	18.87
			1882.5 (26365)	21.14	21.71	21.44	18.74
			1860 (26140)	21.25	21.53	21.51	18.88
1RB-Middle (50)		1905 (26590)	21.11	21.48	21.63	18.7	
		1882.5 (26365)	21.34	21.49	21.7	18.67	
		1860 (26140)	21.42	21.66	21.36	18.8	
1RB-Low (0)		1905 (26590)	21.2	21.37	21.32	18.68	
		1882.5 (26365)	21.4	21.57	21.28	18.66	
		1860 (26140)	21.16	21.38	21.41	18.79	
50RB-High (50)		1905 (26590)	21.31	21.3	21.25	18.65	
		1882.5 (26365)	21.27	21.28	21.22	18.92	
		1860 (26140)	21.42	21.46	21.41	18.66	
50RB-Middle (25)		1905 (26590)	21.3	21.27	21.24	18.9	
		1882.5 (26365)	21.22	21.2	21.17	18.91	
		1860 (26140)	21.41	21.43	21.32	18.94	

	50RB-Low (0)	1905 (26590)	21.25	21.25	21.3	18.67
		1882.5 (26365)	21.27	21.3	21.32	18.67
		1860 (26140)	21.24	21.31	21.4	18.77
	100RB (0)	1905 (26590)	21.25	21.29	21.2	18.67
		1882.5 (26365)	21.26	21.27	21.32	18.66
		1860 (26140)	21.4	21.49	21.41	18.69

LTE Band26(ANT0 DSI0/2/3/8)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	23.73	23.09	21.73	19.68
		831.5 (26865)	23.75	23.24	22.06	19.99
		814.7 (26697)	23.76	23.21	22.29	19.76
	1RB-Middle (3)	848.3 (27033)	23.56	23.16	21.91	19.97
		831.5 (26865)	23.91	23.10	22.14	19.93
		814.7 (26697)	23.83	23.17	22.29	19.83
	1RB-Low (0)	848.3 (27033)	23.55	23.13	21.95	19.82
		831.5 (26865)	23.75	23.22	22.22	19.83
		814.7 (26697)	23.72	23.22	22.29	19.79
	3RB-High (3)	848.3 (27033)	23.78	22.88	21.82	19.79
		831.5 (26865)	23.86	22.92	21.97	19.81
		814.7 (26697)	23.90	23.05	22.03	19.96
	3RB-Middle (1)	848.3 (27033)	23.78	22.89	21.89	19.76
		831.5 (26865)	23.94	22.99	22.05	20.01
		814.7 (26697)	23.90	23.21	22.01	19.86
	3RB-Low (0)	848.3 (27033)	23.79	22.83	21.99	19.75
		831.5 (26865)	23.87	23.00	22.17	19.85
		814.7 (26697)	23.82	23.07	22.02	19.82
	6RB (0)	848.3 (27033)	22.78	21.83	20.74	19.82
		831.5 (26865)	22.88	21.87	20.87	19.91
		814.7 (26697)	22.89	21.96	20.96	19.83
3MHz	1RB-High (14)	847.5 (27025)	23.70	22.98	22.04	19.92
		831.5 (26865)	23.75	23.35	22.17	20.05
		815.5 (26705)	23.70	23.44	22.89	19.94
	1RB-Middle (7)	847.5 (27025)	23.86	23.17	22.09	19.74
		831.5 (26865)	23.97	23.37	22.05	19.87
		815.5 (26705)	23.90	23.43	22.90	19.83
	1RB-Low (0)	847.5 (27025)	23.67	23.05	22.02	19.67
		831.5 (26865)	23.91	23.11	21.97	19.91
		815.5 (26705)	23.84	23.01	22.86	19.68
8RB-High (7)	847.5 (27025)	22.82	21.85	20.78	20.00	

		831.5 (26865)	22.89	22.05	20.92	20.00	
		815.5 (26705)	22.86	21.96	20.94	19.84	
	8RB-Middle (4)	847.5 (27025)	22.74	21.81	20.74	19.87	
		831.5 (26865)	22.95	21.97	20.99	19.95	
	8RB-Low (0)	815.5 (26705)	22.94	22.05	20.98	19.92	
		847.5 (27025)	22.74	21.80	20.74	19.79	
		831.5 (26865)	22.93	21.90	20.96	20.04	
	15RB (0)	815.5 (26705)	22.81	21.95	20.76	19.82	
		847.5 (27025)	22.78	21.70	20.74	19.94	
		831.5 (26865)	22.90	21.95	20.86	19.92	
5MHz	1RB-High (24)	815.5 (26705)	22.90	21.92	20.91	19.98	
		846.5 (27015)	23.85	23.11	21.90	20.05	
		816.5 (26715)	23.93	23.23	21.91	19.94	
	1RB-Middle (12)	846.5 (27015)	23.82	23.34	22.09	19.92	
		816.5 (26715)	23.84	23.39	21.91	19.71	
		831.5 (26865)	23.88	23.23	22.22	19.72	
	1RB-Low (0)	846.5 (27015)	23.86	23.26	22.14	19.95	
		816.5 (26715)	23.72	23.40	22.11	19.70	
		831.5 (26865)	23.92	23.35	22.22	19.74	
	12RB-High (13)	846.5 (27015)	22.77	21.88	20.78	19.97	
		816.5 (26715)	22.88	21.92	20.87	20.06	
		831.5 (26865)	22.92	21.99	20.97	19.82	
	12RB-Middle (6)	846.5 (27015)	22.86	21.94	20.94	19.98	
		816.5 (26715)	22.97	22.02	20.95	19.75	
		831.5 (26865)	23.02	21.94	20.96	19.79	
	12RB-Low (0)	846.5 (27015)	22.89	21.83	20.89	19.78	
		816.5 (26715)	22.96	21.93	20.90	19.75	
		831.5 (26865)	22.83	21.89	20.84	20.01	
	25RB (0)	846.5 (27015)	22.82	21.88	20.90	19.73	
		816.5 (26715)	22.93	21.88	20.89	19.72	
		831.5 (26865)	22.94	21.95	20.91	19.71	
	10MHz	1RB-High (49)	844 (26990)	23.95	23.09	21.81	19.68
			820 (26750)	23.85	23.43	22.06	19.73
			831.5 (26865)	23.91	23.33	22.00	19.76
		1RB-Middle (24)	844 (26990)	23.95	23.22	22.12	19.72
			820 (26750)	23.86	23.39	21.99	19.88
			831.5 (26865)	23.83	23.33	21.99	19.84
1RB-Low (0)		844 (26990)	23.81	23.35	22.13	19.98	
		820 (26750)	23.80	23.42	21.94	19.89	
		831.5 (26865)	23.92	23.34	22.23	19.78	

	25RB-High (25)	844 (26990)	22.81	21.88	20.81	19.77
		831.5 (26865)	23.06	22.07	20.97	19.78
		820 (26750)	22.91	22.02	20.95	19.70
	25RB-Middle (12)	844 (26990)	22.91	21.89	20.89	19.74
		831.5 (26865)	22.98	21.99	21.03	19.92
		820 (26750)	22.91	21.90	20.95	19.75
	25RB-Low (0)	844 (26990)	22.90	21.92	20.91	19.73
		831.5 (26865)	22.82	22.00	20.88	19.76
		820 (26750)	22.94	21.96	20.89	19.76
	50RB (0)	844 (26990)	22.93	21.92	20.92	19.68
		831.5 (26865)	22.98	22.01	20.93	20.05
		820 (26750)	22.89	21.89	20.92	19.91
15MHz	1RB-High (74)	841.5 (26965)	23.66	22.74	21.86	19.97
		831.5 (26865)	23.67	22.94	22.02	20.02
		822.5 (26775)	23.69	22.94	21.75	19.66
	1RB-Middle (37)	841.5 (26965)	23.73	22.95	21.88	19.88
		831.5 (26865)	23.64	23.18	21.97	19.74
		822.5 (26775)	23.62	23.10	21.83	19.98
	1RB-Low (0)	841.5 (26965)	23.78	22.92	21.92	20.06
		831.5 (26865)	23.63	23.23	21.88	19.69
		822.5 (26775)	23.54	23.15	21.89	20.06
	36RB-High (38)	841.5 (26965)	22.94	21.75	20.82	19.70
		831.5 (26865)	22.86	21.87	20.90	19.66
		822.5 (26775)	22.91	21.86	20.88	19.97
	36RB-Middle (19)	841.5 (26965)	22.81	21.81	20.73	19.95
		831.5 (26865)	22.77	21.88	20.80	20.04
		822.5 (26775)	22.81	21.85	20.85	19.66
	36RB-Low (0)	841.5 (26965)	22.87	21.85	20.82	19.90
		831.5 (26865)	22.72	21.82	20.90	19.72
		822.5 (26775)	22.75	21.76	20.76	19.75
	75RB (0)	841.5 (26965)	22.87	21.87	20.77	19.69
		831.5 (26865)	22.86	21.84	20.87	19.88
		822.5 (26775)	22.81	21.92	20.91	20.01

LTE Band26(ANT0 DSI13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	21.43	21.46	21.57	19.7
		831.5 (26865)	21.41	21.38	21.49	19.68
		814.7 (26697)	21.36	21.5	21.61	19.92
	1RB-Middle (3)	848.3 (27033)	21.65	21.43	21.38	19.87
		831.5 (26865)	21.47	21.35	21.44	19.91
		814.7 (26697)	21.41	21.57	21.44	19.68
	1RB-Low (0)	848.3 (27033)	21.61	21.42	21.41	19.74
		831.5 (26865)	21.59	21.62	21.39	19.91
		814.7 (26697)	21.6	21.61	21.61	19.91
	3RB-High (3)	848.3 (27033)	21.41	21.59	21.4	19.78
		831.5 (26865)	21.46	21.56	21.56	19.9
		814.7 (26697)	21.44	21.45	21.38	19.67
	3RB-Middle (1)	848.3 (27033)	21.44	21.52	21.48	19.82
		831.5 (26865)	21.38	21.37	21.38	19.81
		814.7 (26697)	21.42	21.64	21.39	19.82
	3RB-Low (0)	848.3 (27033)	21.62	21.42	21.5	19.75
		831.5 (26865)	21.46	21.54	21.37	19.77
		814.7 (26697)	21.61	21.55	21.56	19.88
	6RB (0)	848.3 (27033)	21.54	21.6	21.65	19.86
		831.5 (26865)	21.37	21.5	21.45	19.7
		814.7 (26697)	21.41	21.35	21.6	19.69
3MHz	1RB-High (14)	847.5 (27025)	21.37	21.43	21.54	19.7
		831.5 (26865)	21.39	21.48	21.45	19.83
		815.5 (26705)	21.37	21.45	21.55	19.65
	1RB-Middle (7)	847.5 (27025)	21.35	21.42	21.56	19.71
		831.5 (26865)	21.38	21.58	21.56	19.87
		815.5 (26705)	21.41	21.62	21.49	19.76
	1RB-Low (0)	847.5 (27025)	21.59	21.62	21.53	19.93
		831.5 (26865)	21.58	21.43	21.38	19.92
		815.5 (26705)	21.48	21.36	21.58	19.85
	8RB-High (7)	847.5 (27025)	21.37	21.39	21.36	19.87
		831.5 (26865)	21.44	21.59	21.65	19.75
		815.5 (26705)	21.6	21.47	21.62	19.68
	8RB-Middle (4)	847.5 (27025)	21.62	21.38	21.65	19.83
		831.5 (26865)	21.58	21.38	21.48	19.68
		815.5 (26705)	21.38	21.36	21.51	19.73
	8RB-Low (0)	847.5 (27025)	21.62	21.38	21.42	19.85
		831.5 (26865)	21.46	21.52	21.52	19.71

		815.5 (26705)	21.36	21.65	21.35	19.94	
	15RB (0)	847.5 (27025)	21.5	21.61	21.46	19.95	
		831.5 (26865)	21.59	21.5	21.52	19.69	
		815.5 (26705)	21.62	21.48	21.39	19.73	
5MHz	1RB-High (24)	846.5 (27015)	21.63	21.63	21.55	19.86	
		831.5 (26865)	21.54	21.51	21.5	19.8	
		816.5 (26715)	21.55	21.52	21.61	19.78	
	1RB-Middle (12)	846.5 (27015)	21.47	21.6	21.49	19.65	
		831.5 (26865)	21.42	21.46	21.49	19.76	
		816.5 (26715)	21.65	21.39	21.5	19.73	
	1RB-Low (0)	846.5 (27015)	21.41	21.52	21.49	19.8	
		831.5 (26865)	21.57	21.55	21.46	19.82	
		816.5 (26715)	21.5	21.41	21.58	19.74	
	12RB-High (13)	846.5 (27015)	21.38	21.56	21.47	19.94	
		831.5 (26865)	21.53	21.59	21.35	19.76	
		816.5 (26715)	21.54	21.46	21.44	19.66	
	12RB-Middle (6)	846.5 (27015)	21.4	21.5	21.6	19.74	
		831.5 (26865)	21.44	21.43	21.45	19.65	
		816.5 (26715)	21.56	21.39	21.36	19.78	
	12RB-Low (0)	846.5 (27015)	21.62	21.35	21.42	19.89	
		831.5 (26865)	21.6	21.6	21.58	19.76	
		816.5 (26715)	21.39	21.36	21.56	19.77	
	25RB (0)	846.5 (27015)	21.63	21.5	21.64	19.68	
		831.5 (26865)	21.52	21.55	21.45	19.9	
		816.5 (26715)	21.64	21.59	21.61	19.78	
	10MHz	1RB-High (49)	844 (26990)	21.44	21.43	21.58	19.77
			831.5 (26865)	21.41	21.44	21.49	19.69
			820 (26750)	21.41	21.6	21.52	19.73
1RB-Middle (24)		844 (26990)	21.48	21.57	21.42	19.88	
		831.5 (26865)	21.59	21.61	21.51	19.73	
		820 (26750)	21.63	21.5	21.53	19.69	
1RB-Low (0)		844 (26990)	21.42	21.47	21.46	19.88	
		831.5 (26865)	21.44	21.57	21.51	19.65	
		820 (26750)	21.43	21.48	21.58	19.73	
25RB-High (25)		844 (26990)	21.36	21.38	21.62	19.87	
		831.5 (26865)	21.38	21.49	21.59	19.85	
		820 (26750)	21.52	21.48	21.39	19.95	
25RB-Middle (12)		844 (26990)	21.42	21.59	21.48	19.86	
		831.5 (26865)	21.47	21.44	21.51	19.81	
		820 (26750)	21.44	21.64	21.45	19.93	
25RB-Low (0)		844 (26990)	21.59	21.42	21.47	19.7	

	50RB (0)	831.5 (26865)	21.61	21.35	21.6	19.8
		820 (26750)	21.65	21.56	21.47	19.85
		844 (26990)	21.56	21.49	21.49	19.76
		831.5 (26865)	21.44	21.64	21.56	19.78
		820 (26750)	21.57	21.41	21.4	19.74
15MHz	1RB-High (74)	841.5 (26965)	21.63	21.62	21.61	19.89
		831.5 (26865)	21.62	21.63	21.63	19.94
		822.5 (26775)	21.57	21.61	21.6	19.65
	1RB-Middle (37)	841.5 (26965)	21.56	21.6	21.65	19.81
		831.5 (26865)	21.61	21.65	21.58	19.7
		822.5 (26775)	21.58	21.57	21.6	19.95
	1RB-Low (0)	841.5 (26965)	21.58	21.56	21.58	19.96
		831.5 (26865)	21.62	21.57	21.57	19.6
		822.5 (26775)	21.59	21.64	21.58	20.01
	36RB-High (38)	841.5 (26965)	21.62	21.59	20.75	19.7
		831.5 (26865)	21.61	21.62	20.83	19.59
		822.5 (26775)	21.6	21.62	20.84	19.89
	36RB-Middle (19)	841.5 (26965)	21.65	21.58	20.65	19.87
		831.5 (26865)	21.61	21.65	20.75	19.94
		822.5 (26775)	21.63	21.63	20.75	19.66
	36RB-Low (0)	841.5 (26965)	21.58	21.58	20.74	19.89
		831.5 (26865)	21.58	21.63	20.88	19.71
		822.5 (26775)	21.62	21.58	20.72	19.73
	75RB (0)	841.5 (26965)	21.6	21.6	20.77	19.65
		831.5 (26865)	21.55	21.65	20.77	19.84
		822.5 (26775)	21.59	21.64	20.84	20

LTE Band26(ANT2 DSI0/2/8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	22.08	21.54	20.28	17.40
		831.5 (26865)	22.42	21.69	20.65	17.22
		814.7 (26697)	22.70	21.79	20.77	17.25
	1RB-Middle (3)	848.3 (27033)	22.06	21.31	20.49	17.42
		831.5 (26865)	22.32	21.82	20.75	17.52
		814.7 (26697)	22.73	21.85	20.85	17.15
	1RB-Low (0)	848.3 (27033)	22.08	21.37	20.29	17.37
		831.5 (26865)	22.34	21.76	20.72	17.36
		814.7 (26697)	22.65	21.83	20.94	17.48
	3RB-High (3)	848.3 (27033)	22.06	21.29	20.33	17.47
		831.5 (26865)	22.41	21.62	20.79	17.20
		814.7 (26697)	22.65	21.83	20.77	17.34
	3RB-Middle (1)	848.3 (27033)	22.09	21.15	20.32	17.28
		831.5 (26865)	22.34	21.62	20.68	17.31
		814.7 (26697)	22.73	21.78	20.65	17.22
	3RB-Low (0)	848.3 (27033)	22.08	21.11	20.28	17.13
		831.5 (26865)	22.47	21.64	20.68	17.21
		814.7 (26697)	22.71	21.88	20.75	17.51
	6RB (0)	848.3 (27033)	21.03	20.16	19.17	17.50
		831.5 (26865)	21.37	20.45	19.68	17.27
		814.7 (26697)	21.66	20.76	19.83	17.47
3MHz	1RB-High (14)	847.5 (27025)	22.13	21.44	20.41	17.23
		831.5 (26865)	22.35	21.77	20.75	17.51
		815.5 (26705)	22.21	21.56	19.80	17.25
	1RB-Middle (7)	847.5 (27025)	22.13	21.47	20.32	17.37
		831.5 (26865)	22.45	21.73	20.71	17.28
		815.5 (26705)	22.42	22.00	19.99	17.28
	1RB-Low (0)	847.5 (27025)	22.03	21.39	20.38	17.52
		831.5 (26865)	22.43	21.73	20.72	17.27
		815.5 (26705)	22.32	21.89	19.97	17.16
	8RB-High (7)	847.5 (27025)	21.03	20.05	19.29	17.49
		831.5 (26865)	21.45	20.45	19.68	17.53
		815.5 (26705)	21.42	20.48	18.64	17.38
	8RB-Middle (4)	847.5 (27025)	20.99	20.08	19.31	17.29
		831.5 (26865)	21.47	20.49	19.76	17.31
		815.5 (26705)	21.48	20.58	18.72	17.13
	8RB-Low (0)	847.5 (27025)	20.95	20.05	19.22	17.34
		831.5 (26865)	21.39	20.39	19.65	17.48

		815.5 (26705)	21.34	20.42	18.68	17.26	
	15RB (0)	847.5 (27025)	21.00	20.06	19.18	17.19	
		831.5 (26865)	21.40	20.48	19.65	17.47	
		815.5 (26705)	21.45	20.48	18.68	17.53	
5MHz	1RB-High (24)	846.5 (27015)	22.05	21.99	20.41	17.32	
		831.5 (26865)	22.39	21.55	20.68	17.33	
		816.5 (26715)	22.52	21.89	20.78	17.42	
	1RB-Middle (12)	846.5 (27015)	22.02	21.95	20.44	17.38	
		831.5 (26865)	22.45	21.93	20.85	17.18	
		816.5 (26715)	22.57	21.96	20.69	17.24	
	1RB-Low (0)	846.5 (27015)	22.08	21.95	20.41	17.52	
		831.5 (26865)	22.41	21.77	20.92	17.32	
		816.5 (26715)	22.64	21.85	20.98	17.42	
	12RB-High (13)	846.5 (27015)	21.01	20.17	19.29	17.50	
		831.5 (26865)	21.41	20.48	19.59	17.25	
		816.5 (26715)	21.58	20.65	19.85	17.34	
	12RB-Middle (6)	846.5 (27015)	21.13	20.24	19.43	17.18	
		831.5 (26865)	21.44	20.53	19.68	17.38	
		816.5 (26715)	21.68	20.80	19.98	17.41	
	12RB-Low (0)	846.5 (27015)	21.07	20.11	19.29	17.36	
		831.5 (26865)	21.29	20.33	19.50	17.24	
		816.5 (26715)	21.62	20.72	19.90	17.29	
	25RB (0)	846.5 (27015)	21.08	20.21	19.30	17.37	
		831.5 (26865)	21.41	20.47	19.55	17.30	
		816.5 (26715)	21.64	20.70	19.90	17.24	
	10MHz	1RB-High (49)	844 (26990)	22.00	21.60	20.45	17.42
			831.5 (26865)	22.30	21.70	20.85	17.26
			820 (26750)	22.49	21.95	20.71	17.17
1RB-Middle (24)		844 (26990)	22.21	21.52	20.46	17.27	
		831.5 (26865)	22.41	21.90	20.73	17.35	
		820 (26750)	22.53	21.87	20.78	17.22	
1RB-Low (0)		844 (26990)	22.28	21.83	20.68	17.20	
		831.5 (26865)	22.42	21.93	20.68	17.23	
		820 (26750)	22.54	21.95	20.74	17.46	
25RB-High (25)		844 (26990)	21.06	20.09	19.32	17.48	
		831.5 (26865)	21.40	20.50	19.67	17.26	
		820 (26750)	21.57	20.57	19.74	17.31	
25RB-Middle (12)		844 (26990)	21.03	20.13	19.36	17.40	
		831.5 (26865)	21.42	20.46	19.73	17.33	
		820 (26750)	21.66	20.61	19.79	17.41	
25RB-Low (0)		844 (26990)	21.19	20.24	19.41	17.46	

		831.5 (26865)	21.33	20.44	19.63	17.46
		820 (26750)	21.61	20.66	19.90	17.18
	50RB (0)	844 (26990)	21.12	20.23	19.48	17.19
		831.5 (26865)	21.36	20.39	19.69	17.52
		820 (26750)	21.59	20.60	19.85	17.44
15MHz	1RB-High (74)	841.5 (26965)	22.02	21.01	20.10	17.34
		831.5 (26865)	22.17	21.29	20.37	17.52
		822.5 (26775)	22.19	21.51	20.41	17.34
	1RB-Middle (37)	841.5 (26965)	21.94	21.30	20.52	17.45
		831.5 (26865)	22.07	21.35	20.64	17.13
		822.5 (26775)	22.15	21.51	20.73	17.32
	1RB-Low (0)	841.5 (26965)	22.24	21.62	20.47	17.32
		831.5 (26865)	22.21	21.82	20.85	17.18
		822.5 (26775)	22.13	21.84	20.92	17.42
	36RB-High (38)	841.5 (26965)	21.11	19.99	19.27	17.27
		831.5 (26865)	21.33	20.27	19.55	17.20
		822.5 (26775)	21.23	20.47	19.62	17.26
	36RB-Middle (19)	841.5 (26965)	21.35	20.21	19.32	17.51
		831.5 (26865)	21.30	20.39	19.56	17.42
		822.5 (26775)	21.33	20.50	19.66	17.34
	36RB-Low (0)	841.5 (26965)	21.23	20.30	19.46	17.24
		831.5 (26865)	21.21	20.40	19.53	17.47
		822.5 (26775)	21.31	20.51	19.64	17.15
	75RB (0)	841.5 (26965)	21.03	20.10	19.35	17.13
		831.5 (26865)	21.27	20.36	19.54	17.19
		822.5 (26775)	21.42	20.54	19.59	17.29

LTE Band26(ANT2 DSI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	20.44	20.53	20.05	17.24
		831.5 (26865)	20.39	20.56	20.11	17.22
		814.7 (26697)	20.29	20.37	19.96	17.32
	1RB-Middle (3)	848.3 (27033)	20.42	20.62	19.92	17.16
		831.5 (26865)	20.3	20.29	19.88	17.33
		814.7 (26697)	20.33	20.33	19.86	17.15
	1RB-Low (0)	848.3 (27033)	20.64	20.64	20.11	17.1
		831.5 (26865)	20.46	20.32	19.89	17.32
		814.7 (26697)	20.65	20.42	19.91	17.23
	3RB-High (3)	848.3 (27033)	20.59	20.26	20.03	17.27
		831.5 (26865)	20.52	20.44	19.93	17.22
		814.7 (26697)	20.44	20.58	20.09	17.13
	3RB-Middle (1)	848.3 (27033)	20.37	20.26	20.03	17.17
		831.5 (26865)	20.59	20.37	19.83	17.35
		814.7 (26697)	20.27	20.63	19.77	17.38
	3RB-Low (0)	848.3 (27033)	20.34	20.31	19.82	17.02
		831.5 (26865)	20.41	20.28	20.12	17.18
		814.7 (26697)	20.37	20.47	20.15	17.36
	6RB (0)	848.3 (27033)	20.34	20.35	19.96	17.35
		831.5 (26865)	20.46	20.63	19.98	17.12
		814.7 (26697)	20.26	20.48	20	17.17
3MHz	1RB-High (14)	847.5 (27025)	20.62	20.53	19.76	17.4
		831.5 (26865)	20.29	20.58	19.95	17.2
		815.5 (26705)	20.57	20.54	19.98	17.2
	1RB-Middle (7)	847.5 (27025)	20.62	20.34	20.09	17.22
		831.5 (26865)	20.29	20.36	20.09	17.4
		815.5 (26705)	20.43	20.32	20.08	17.07
	1RB-Low (0)	847.5 (27025)	20.26	20.59	19.98	17.26
		831.5 (26865)	20.38	20.62	19.75	17.15
		815.5 (26705)	20.56	20.57	19.77	17.15
	8RB-High (7)	847.5 (27025)	20.59	20.59	19.94	17.09
		831.5 (26865)	20.25	20.45	19.97	17
		815.5 (26705)	20.51	20.47	20.08	17.28
	8RB-Middle (4)	847.5 (27025)	20.51	20.48	20.11	17.15
		831.5 (26865)	20.25	20.42	19.88	17.26
		815.5 (26705)	20.35	20.29	19.96	17.12
	8RB-Low (0)	847.5 (27025)	20.29	20.59	20.07	17.35
		831.5 (26865)	20.38	20.6	20.14	17.38

		815.5 (26705)	20.52	20.54	19.99	17.3	
	15RB (0)	847.5 (27025)	20.3	20.25	19.87	17.08	
		831.5 (26865)	20.26	20.31	20.03	17.14	
		815.5 (26705)	20.64	20.38	19.93	17.18	
5MHz	1RB-High (24)	846.5 (27015)	20.48	20.54	19.9	17.04	
		831.5 (26865)	20.35	20.52	19.91	17.23	
		816.5 (26715)	20.53	20.28	19.82	17	
	1RB-Middle (12)	846.5 (27015)	20.59	20.63	20.12	17.02	
		831.5 (26865)	20.32	20.53	19.83	17.23	
		816.5 (26715)	20.58	20.45	19.76	17.11	
	1RB-Low (0)	846.5 (27015)	20.41	20.48	20	17.24	
		831.5 (26865)	20.39	20.38	19.81	17.13	
		816.5 (26715)	20.51	20.35	19.84	17.09	
	12RB-High (13)	846.5 (27015)	20.29	20.26	19.88	17.04	
		831.5 (26865)	20.34	20.49	19.99	17.31	
		816.5 (26715)	20.37	20.6	19.88	17.3	
	12RB-Middle (6)	846.5 (27015)	20.32	20.6	19.88	17.17	
		831.5 (26865)	20.46	20.51	20.11	17.33	
		816.5 (26715)	20.61	20.55	19.93	17.38	
	12RB-Low (0)	846.5 (27015)	20.38	20.43	19.8	17.11	
		831.5 (26865)	20.3	20.65	20.1	17.06	
		816.5 (26715)	20.3	20.28	19.95	17.12	
	25RB (0)	846.5 (27015)	20.49	20.29	20.04	17.16	
		831.5 (26865)	20.58	20.43	20.07	17.38	
		816.5 (26715)	20.33	20.54	20.09	17.37	
	10MHz	1RB-High (49)	844 (26990)	20.36	20.59	19.83	17.17
			831.5 (26865)	20.4	20.54	20.05	17.11
			820 (26750)	20.26	20.28	20.02	17.22
1RB-Middle (24)		844 (26990)	20.46	20.55	20.02	17.24	
		831.5 (26865)	20.28	20.59	19.89	17.18	
		820 (26750)	20.27	20.43	19.81	17.25	
1RB-Low (0)		844 (26990)	20.57	20.61	20.1	17	
		831.5 (26865)	20.41	20.28	19.78	17.12	
		820 (26750)	20.36	20.27	19.84	17.32	
25RB-High (25)		844 (26990)	20.48	20.32	20.06	17.26	
		831.5 (26865)	20.53	20.29	19.99	17.02	
		820 (26750)	20.49	20.58	19.99	17.35	
25RB-Middle (12)		844 (26990)	20.58	20.64	19.87	17.04	
		831.5 (26865)	20.42	20.32	20.14	17.35	
		820 (26750)	20.37	20.34	19.76	17.26	
25RB-Low (0)		844 (26990)	20.45	20.25	19.89	17.25	

		831.5 (26865)	20.36	20.65	19.87	17.33
		820 (26750)	20.46	20.34	19.86	17.02
	50RB (0)	844 (26990)	20.25	20.3	19.8	17.29
		831.5 (26865)	20.64	20.47	20.11	17.15
		820 (26750)	20.27	20.58	19.83	17.09
15MHz	1RB-High (74)	841.5 (26965)	20.55	20.31	19.86	17.25
		831.5 (26865)	20.56	20.81	20.19	17.14
		822.5 (26775)	20.46	20.88	20.04	17.33
	1RB-Middle (37)	841.5 (26965)	20.5	20.64	19.87	17.33
		831.5 (26865)	20.45	21.06	20.17	17.34
		822.5 (26775)	20.57	20.86	20.37	17.19
	1RB-Low (0)	841.5 (26965)	20.61	21.04	20.05	17.1
		831.5 (26865)	20.54	20.71	20.19	17.05
		822.5 (26775)	20.6	20.92	20.29	17.31
	36RB-High (38)	841.5 (26965)	20.38	19.86	18.85	17.16
		831.5 (26865)	20.5	20.14	19.13	17.06
		822.5 (26775)	20.59	20.22	19.2	17.26
	36RB-Middle (19)	841.5 (26965)	20.41	19.92	18.87	17.26
		831.5 (26865)	20.63	20.16	19.16	17.06
		822.5 (26775)	20.6	20.18	19.25	17.07
	36RB-Low (0)	841.5 (26965)	20.65	20.02	18.95	17.32
		831.5 (26865)	20.64	20.07	19.1	17.29
		822.5 (26775)	20.6	20.21	19.23	17.1
	75RB (0)	841.5 (26965)	20.35	19.86	19.01	17.18
		831.5 (26865)	20.58	20.07	19.22	17.06
		822.5 (26775)	20.69	20.26	19.24	17.1

LTE Band41 PC3(ANT0 DSI0/2/3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.91	22.33	21.35	17.99
		2640.3(41093)	23.96	22.62	21.38	18.02
		2593 (40620)	23.74	22.30	21.21	17.96
		2545.8(40148)	23.72	22.11	21.13	17.91
		2498.5 (39675)	23.56	21.94	20.94	18.00
	1RB-Middle (12)	2687.5 (41565)	23.77	22.47	21.44	17.96
		2640.3(41093)	23.75	22.63	21.27	18.13
		2593 (40620)	23.62	22.66	21.29	18.06
		2545.8(40148)	23.60	22.35	21.04	18.14
		2498.5 (39675)	23.52	22.12	20.88	18.03
	1RB-Low (0)	2687.5 (41565)	24.00	22.62	21.53	18.03
		2640.3(41093)	23.94	22.49	21.32	17.94
		2593 (40620)	23.80	22.33	21.06	18.04
		2545.8(40148)	23.79	22.08	20.92	17.78
		2498.5 (39675)	23.60	22.15	20.90	17.85
	12RB-High (13)	2687.5 (41565)	22.35	21.40	20.32	18.09
		2640.3(41093)	22.29	21.31	20.36	18.02
		2593 (40620)	22.34	21.33	20.18	17.95
		2545.8(40148)	22.27	21.31	20.12	17.93
		2498.5 (39675)	22.09	21.09	20.03	18.00
	12RB-Middle (6)	2687.5 (41565)	22.53	21.46	20.27	17.97
		2640.3(41093)	22.41	21.44	20.36	17.93
		2593 (40620)	22.10	21.13	20.35	17.97
		2545.8(40148)	22.15	21.37	20.18	17.95
		2498.5 (39675)	22.10	21.07	20.15	18.21
	12RB-Low (0)	2687.5 (41565)	22.28	21.24	20.46	17.87
		2640.3(41093)	22.36	21.43	20.34	17.96
		2593 (40620)	22.34	21.40	20.27	18.02
		2545.8(40148)	22.21	21.12	20.21	18.13
		2498.5 (39675)	22.24	21.23	20.22	18.02
25RB (0)	2687.5 (41565)	22.50	21.36	20.49	17.85	
	2640.3(41093)	22.57	21.33	20.51	18.00	
	2593 (40620)	22.21	21.12	20.39	17.85	
	2545.8(40148)	22.12	21.33	20.28	18.12	
	2498.5 (39675)	22.11	21.25	20.14	17.93	
10MHz	1RB-High (49)	2685 (41540)	23.79	22.31	21.32	18.07
		2639(41080)	23.73	22.42	21.44	18.19
		2593 (40620)	23.89	22.27	21.18	17.94

		2547(40160)	23.55	21.99	20.89	18.02
		2501 (39700)	23.46	22.00	21.05	18.00
	1RB-Middle (24)	2685 (41540)	23.97	22.60	21.22	17.80
		2639(41080)	23.84	22.68	21.36	18.13
		2593 (40620)	23.57	22.52	21.33	18.04
		2547(40160)	23.54	22.20	21.13	18.08
		2501 (39700)	23.48	22.15	21.10	17.81
			2685 (41540)	23.95	22.56	21.47
	1RB-Low (0)	2639(41080)	23.85	22.55	21.27	18.16
		2593 (40620)	23.58	22.34	21.15	17.90
		2547(40160)	23.75	22.10	21.13	17.81
		2501 (39700)	23.64	22.08	21.06	17.96
			2685 (41540)	22.20	21.19	20.44
	25RB-High (25)	2639(41080)	22.29	21.45	20.53	18.12
		2593 (40620)	22.21	21.09	20.24	17.96
		2547(40160)	22.11	21.12	20.31	18.02
		2501 (39700)	22.18	21.05	19.96	17.86
			2685 (41540)	22.51	21.39	20.36
	25RB-Middle (12)	2639(41080)	22.45	21.47	20.31	18.06
		2593 (40620)	22.19	21.11	20.10	17.92
		2547(40160)	22.34	21.18	20.32	18.12
		2501 (39700)	22.08	21.23	20.20	18.18
			2685 (41540)	22.40	21.36	20.27
	25RB-Low (0)	2639(41080)	22.36	21.38	20.53	17.94
		2593 (40620)	22.24	21.39	20.18	18.27
		2547(40160)	22.14	21.21	20.13	18.28
		2501 (39700)	22.08	21.24	19.99	17.83
			2685 (41540)	22.39	21.37	20.43
	50RB (0)	2639(41080)	22.49	21.33	20.53	17.94
		2593 (40620)	22.39	21.35	20.12	17.80
		2547(40160)	22.10	21.30	20.10	18.01
		2501 (39700)	22.14	21.12	20.03	18.02
			2682.5 (41515)	23.78	22.22	21.42
15MHz	1RB-High (74)	2637.8(41068)	23.96	22.61	21.23	18.04
		2593 (40620)	23.64	22.26	20.98	18.09
		2548.3(40173)	23.68	22.09	21.06	18.07
		2503.5 (39725)	23.43	22.17	20.94	18.10
			2682.5 (41515)	23.75	22.57	21.37
	1RB-Middle (37)	2637.8(41068)	23.91	22.85	21.22	18.08
		2593 (40620)	23.79	22.47	21.19	18.01
		2548.3(40173)	23.70	22.32	20.90	17.92

		2503.5 (39725)	23.42	22.16	20.88	17.92
	1RB-Low (0)	2682.5 (41515)	23.87	22.72	21.27	17.79
		2637.8(41068)	23.84	22.55	21.37	17.95
		2593 (40620)	23.60	22.45	21.24	18.04
		2548.3(40173)	23.73	22.07	20.85	17.77
		2503.5 (39725)	23.53	22.06	20.95	18.03
	36RB-High (38)	2682.5 (41515)	22.40	21.29	20.23	17.98
		2637.8(41068)	22.27	21.35	20.31	18.06
		2593 (40620)	22.11	21.27	20.23	17.90
		2548.3(40173)	22.27	21.28	20.19	18.04
		2503.5 (39725)	22.17	21.18	20.15	17.80
	36RB-Middle (19)	2682.5 (41515)	22.32	21.51	20.39	17.78
		2637.8(41068)	22.31	21.50	20.33	18.08
		2593 (40620)	22.36	21.29	20.15	17.76
		2548.3(40173)	22.29	21.37	20.36	18.01
		2503.5 (39725)	22.11	21.07	20.14	18.19
	36RB-Low (0)	2682.5 (41515)	22.35	21.42	20.39	18.10
		2637.8(41068)	22.52	21.48	20.38	18.15
		2593 (40620)	22.42	21.35	20.30	18.03
		2548.3(40173)	22.20	21.19	20.27	18.06
		2503.5 (39725)	22.18	21.07	20.23	18.00
	75RB (0)	2682.5 (41515)	22.43	21.40	20.46	17.83
		2637.8(41068)	22.39	21.32	20.51	18.07
		2593 (40620)	22.31	21.21	20.26	18.06
		2548.3(40173)	22.29	21.14	20.27	17.89
		2503.5 (39725)	22.25	21.19	20.00	18.00
20MHz	1RB-High (99)	2680 (41490)	23.88	22.39	21.34	17.97
		2636.5(41055)	23.89	22.57	21.34	18.12
		2593 (40620)	23.79	22.28	21.13	17.99
		2549.5(40185)	23.64	22.13	21.07	17.97
		2506 (39750)	23.55	22.07	21.10	18.08
	1RB-Middle (50)	2680 (41490)	23.90	22.59	21.36	17.97
		2636.5(41055)	23.85	22.75	21.37	18.18
		2593 (40620)	23.75	22.58	21.28	18.11
		2549.5(40185)	23.66	22.34	21.03	18.04
		2506 (39750)	23.59	22.20	21.06	17.96
	1RB-Low (0)	2680 (41490)	23.94	22.65	21.45	17.95
		2636.5(41055)	23.95	22.54	21.44	18.12
		2593 (40620)	23.72	22.41	21.14	18.06
		2549.5(40185)	23.73	22.21	21.03	17.95
		2506 (39750)	23.64	22.09	21.08	18.02

	50RB-High (50)	2680 (41490)	22.31	21.33	20.34	18.08
		2636.5(41055)	22.42	21.42	20.45	18.16
		2593 (40620)	22.25	21.24	20.26	18.04
		2549.5(40185)	22.28	21.28	20.22	18.05
		2506 (39750)	22.14	21.12	20.14	17.92
	50RB-Middle (25)	2680 (41490)	22.47	21.46	20.45	17.91
		2636.5(41055)	22.47	21.44	20.45	18.11
		2593 (40620)	22.28	21.26	20.27	17.94
		2549.5(40185)	22.29	21.28	20.28	18.11
		2506 (39750)	22.17	21.17	20.16	18.18
	50RB-Low (0)	2680 (41490)	22.41	21.41	20.45	18.02
		2636.5(41055)	22.49	21.51	20.45	18.09
		2593 (40620)	22.33	21.30	20.27	18.20
		2549.5(40185)	22.30	21.27	20.27	18.18
		2506 (39750)	22.20	21.20	20.15	17.97
	100RB (0)	2680 (41490)	22.44	21.43	20.41	17.91
		2636.5(41055)	22.47	21.44	20.45	18.07
		2593 (40620)	22.29	21.30	20.29	17.97
		2549.5(40185)	22.28	21.28	20.24	18.07
		2506 (39750)	22.15	21.17	20.16	18.09

LTE Band41 PC3(ANT0 DSI8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	20.14	20.33	20.05	19.13
		2640.3(41093)	20.13	20.51	20.64	19.25
		2593 (40620)	20.12	20.38	20.52	19.40
		2545.8(40148)	20.45	20.38	20.33	19.14
		2498.5 (39675)	20.47	20.31	19.98	19.19
	1RB-Middle (12)	2687.5 (41565)	20.13	20.58	20.28	19.00
		2640.3(41093)	20.12	20.37	20.40	19.22
		2593 (40620)	20.23	20.39	20.08	19.11
		2545.8(40148)	20.36	20.43	20.21	18.97
		2498.5 (39675)	20.30	20.55	20.24	18.98
	1RB-Low (0)	2687.5 (41565)	20.30	20.27	20.29	19.05
		2640.3(41093)	20.56	20.42	20.24	19.05
		2593 (40620)	20.41	20.37	20.23	19.25
		2545.8(40148)	20.15	20.29	20.45	19.08
		2498.5 (39675)	20.23	20.30	20.01	19.18
	12RB-High (13)	2687.5 (41565)	20.24	20.43	20.48	19.25
		2640.3(41093)	20.35	20.36	20.62	19.03

		2593 (40620)	20.26	20.48	20.40	19.05	
		2545.8(40148)	20.08	20.32	20.53	19.07	
		2498.5 (39675)	20.24	20.37	20.37	18.85	
	12RB-Middle (6)	2687.5 (41565)	20.09	20.54	20.42	18.95	
		2640.3(41093)	20.48	20.30	20.41	18.86	
		2593 (40620)	20.16	20.45	20.17	19.24	
		2545.8(40148)	20.21	20.25	20.52	18.91	
		2498.5 (39675)	20.23	20.48	20.52	19.10	
	12RB-Low (0)	2687.5 (41565)	20.22	20.43	20.55	19.08	
		2640.3(41093)	20.34	20.46	20.59	19.29	
		2593 (40620)	20.17	20.47	20.28	19.24	
		2545.8(40148)	20.18	20.50	20.41	19.33	
		2498.5 (39675)	20.24	20.39	20.58	18.77	
	25RB (0)	2687.5 (41565)	20.41	20.50	20.28	19.06	
		2640.3(41093)	20.57	20.45	20.38	19.26	
		2593 (40620)	20.27	20.28	20.41	18.99	
		2545.8(40148)	20.30	20.33	20.38	19.12	
		2498.5 (39675)	20.20	20.17	20.42	19.25	
	10MHz	1RB-High (49)	2685 (41540)	20.21	20.19	20.34	19.02
			2639(41080)	20.18	20.39	20.29	18.98
2593 (40620)			20.36	20.45	20.36	19.31	
2547(40160)			20.35	20.31	20.34	18.88	
2501 (39700)			20.14	20.49	20.22	18.96	
1RB-Middle (24)		2685 (41540)	20.02	20.34	20.40	19.13	
		2639(41080)	20.38	20.50	20.55	19.02	
		2593 (40620)	20.12	20.35	20.06	19.17	
		2547(40160)	20.35	20.54	20.10	19.00	
		2501 (39700)	20.16	20.22	20.17	19.15	
1RB-Low (0)		2685 (41540)	20.34	20.24	20.38	19.24	
		2639(41080)	20.41	20.50	20.24	18.93	
		2593 (40620)	20.29	20.27	20.45	19.29	
		2547(40160)	20.37	20.29	20.10	19.15	
		2501 (39700)	20.20	20.41	20.05	19.04	
25RB-High (25)		2685 (41540)	20.05	20.42	20.55	19.01	
		2639(41080)	20.43	20.29	20.42	19.25	
		2593 (40620)	20.41	20.46	20.37	19.03	
		2547(40160)	20.29	20.22	20.32	18.94	
		2501 (39700)	20.16	20.51	20.13	18.89	
25RB-Middle (12)	2685 (41540)	20.39	20.46	20.54	18.97		
	2639(41080)	20.51	20.49	20.72	19.10		
	2593 (40620)	20.16	20.57	20.57	19.21		

		2547(40160)	20.37	20.44	20.43	18.93	
		2501 (39700)	20.41	20.54	20.48	18.93	
	25RB-Low (0)	2685 (41540)	20.33	20.36	20.43	19.29	
		2639(41080)	20.41	20.50	20.48	18.96	
		2593 (40620)	20.12	20.15	20.29	19.04	
		2547(40160)	20.52	20.42	20.38	19.33	
		2501 (39700)	20.23	20.22	20.29	19.11	
	50RB (0)	2685 (41540)	20.16	20.31	20.16	19.11	
		2639(41080)	20.28	20.64	20.68	18.94	
		2593 (40620)	20.29	20.57	20.36	19.18	
		2547(40160)	20.43	20.29	20.60	19.23	
		2501 (39700)	20.34	20.29	20.49	18.97	
	15MHz	1RB-High (74)	2682.5 (41515)	20.19	20.46	20.20	19.08
			2637.8(41068)	20.43	20.59	20.52	19.25
			2593 (40620)	20.41	20.39	20.51	19.13
			2548.3(40173)	20.44	20.45	20.18	18.76
			2503.5 (39725)	20.51	20.45	20.06	19.28
		1RB-Middle (37)	2682.5 (41515)	20.10	20.33	20.42	19.25
2637.8(41068)			20.15	20.67	20.39	19.01	
2593 (40620)			20.35	20.11	20.34	19.16	
2548.3(40173)			20.33	20.47	20.38	19.15	
2503.5 (39725)			20.53	20.27	20.34	19.10	
1RB-Low (0)		2682.5 (41515)	20.05	20.46	20.31	19.25	
		2637.8(41068)	20.29	20.33	20.35	19.24	
		2593 (40620)	20.40	20.48	20.22	19.24	
		2548.3(40173)	20.15	20.47	20.32	19.04	
		2503.5 (39725)	20.06	20.25	20.01	19.03	
36RB-High (38)		2682.5 (41515)	20.27	20.35	20.49	19.23	
		2637.8(41068)	20.21	20.31	20.62	19.12	
		2593 (40620)	20.49	20.37	20.16	19.37	
		2548.3(40173)	20.08	20.16	20.49	19.26	
		2503.5 (39725)	20.21	20.40	20.46	18.94	
36RB-Middle (19)		2682.5 (41515)	20.18	20.42	20.42	19.11	
		2637.8(41068)	20.57	20.43	20.70	19.08	
		2593 (40620)	20.23	20.22	20.21	19.04	
		2548.3(40173)	20.40	20.47	20.28	18.95	
		2503.5 (39725)	20.39	20.31	20.27	19.06	
36RB-Low (0)		2682.5 (41515)	20.25	20.14	20.30	19.05	
		2637.8(41068)	20.21	20.39	20.72	19.23	
		2593 (40620)	20.22	20.17	20.27	19.12	
	2548.3(40173)	20.30	20.46	20.59	19.30		

		2503.5 (39725)	20.32	20.45	20.34	19.08
	75RB (0)	2682.5 (41515)	20.13	20.48	20.16	19.28
		2637.8(41068)	20.30	20.38	20.68	19.23
		2593 (40620)	20.17	20.22	20.33	19.00
		2548.3(40173)	20.35	20.60	20.38	19.30
		2503.5 (39725)	20.16	20.29	20.32	19.22
20MHz	1RB-High (99)	2680 (41490)	20.16	20.26	20.22	18.96
		2636.5(41055)	20.28	20.39	20.45	19.17
		2593 (40620)	20.30	20.37	20.40	19.25
		2549.5(40185)	20.25	20.28	20.17	18.96
		2506 (39750)	20.33	20.34	20.15	19.11
	1RB-Middle (50)	2680 (41490)	20.14	20.39	20.26	19.18
		2636.5(41055)	20.29	20.57	20.38	19.14
		2593 (40620)	20.18	20.28	20.21	19.16
		2549.5(40185)	20.23	20.39	20.19	19.06
		2506 (39750)	20.35	20.42	20.29	19.17
	1RB-Low (0)	2680 (41490)	20.25	20.40	20.41	19.22
		2636.5(41055)	20.49	20.52	20.42	19.11
		2593 (40620)	20.24	20.46	20.41	19.21
		2549.5(40185)	20.22	20.41	20.27	19.17
		2506 (39750)	20.22	20.42	20.15	19.01
	50RB-High (50)	2680 (41490)	20.19	20.32	20.36	19.21
		2636.5(41055)	20.26	20.34	20.42	19.11
		2593 (40620)	20.29	20.34	20.33	19.23
		2549.5(40185)	20.28	20.33	20.36	19.12
		2506 (39750)	20.30	20.39	20.33	18.95
	50RB-Middle (25)	2680 (41490)	20.28	20.36	20.37	19.02
		2636.5(41055)	20.41	20.47	20.52	18.95
		2593 (40620)	20.33	20.41	20.37	19.15
		2549.5(40185)	20.35	20.38	20.43	19.10
		2506 (39750)	20.28	20.36	20.41	19.02
	50RB-Low (0)	2680 (41490)	20.25	20.31	20.39	19.13
		2636.5(41055)	20.39	20.43	20.52	19.13
		2593 (40620)	20.29	20.33	20.40	19.15
		2549.5(40185)	20.35	20.41	20.41	19.21
		2506 (39750)	20.33	20.31	20.38	18.96
100RB (0)	2680 (41490)	20.29	20.33	20.35	19.19	
	2636.5(41055)	20.41	20.48	20.49	19.07	
	2593 (40620)	20.28	20.39	20.38	18.99	
	2549.5(40185)	20.37	20.40	20.40	19.18	
	2506 (39750)	20.30	20.36	20.39	19.12	

LTE Band41 PC3(ANT4 DSI0/8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.13	21.79	20.88	17.64
		2640.3(41093)	23.23	21.86	20.78	17.45
		2593 (40620)	23.26	21.77	21.04	17.60
		2545.8(40148)	22.90	21.49	20.76	17.75
		2498.5 (39675)	22.79	21.53	20.72	17.66
	1RB-Middle (12)	2687.5 (41565)	23.27	21.93	20.94	17.61
		2640.3(41093)	23.29	22.19	20.95	17.53
		2593 (40620)	23.16	21.73	20.83	17.76
		2545.8(40148)	22.86	21.88	20.65	17.34
		2498.5 (39675)	23.14	21.42	20.87	17.51
	1RB-Low (0)	2687.5 (41565)	23.11	21.89	20.96	17.39
		2640.3(41093)	23.14	21.90	20.74	17.71
		2593 (40620)	23.24	21.77	20.82	17.57
		2545.8(40148)	22.86	21.49	20.48	17.70
		2498.5 (39675)	23.04	21.55	20.72	17.63
	12RB-High (13)	2687.5 (41565)	21.62	20.60	19.88	17.33
		2640.3(41093)	21.60	20.78	20.00	17.62
		2593 (40620)	21.71	20.77	19.73	17.65
		2545.8(40148)	21.59	20.47	19.56	17.65
		2498.5 (39675)	21.38	20.52	19.62	17.54
	12RB-Middle (6)	2687.5 (41565)	21.81	20.72	19.94	17.42
		2640.3(41093)	21.72	20.69	19.79	17.65
		2593 (40620)	21.61	20.62	20.09	17.71
		2545.8(40148)	21.48	20.41	19.83	17.45
		2498.5 (39675)	21.64	20.44	19.84	17.52
	12RB-Low (0)	2687.5 (41565)	21.67	20.79	20.07	17.61
		2640.3(41093)	21.82	20.79	19.96	17.55
		2593 (40620)	21.74	20.69	20.04	17.46
		2545.8(40148)	21.57	20.51	19.57	17.54
		2498.5 (39675)	21.73	20.83	19.95	17.59
25RB (0)	2687.5 (41565)	21.83	20.88	20.13	17.42	
	2640.3(41093)	21.83	20.69	19.82	17.62	
	2593 (40620)	21.71	20.82	19.85	17.39	
	2545.8(40148)	21.37	20.53	19.69	17.48	
	2498.5 (39675)	21.60	20.67	19.85	17.54	
10MHz	1RB-High (49)	2685 (41540)	23.25	21.89	20.70	17.65
		2639(41080)	23.13	21.86	20.79	17.55
		2593 (40620)	23.05	21.73	20.93	17.60

		2547(40160)	23.04	21.39	20.75	17.61
		2501 (39700)	22.94	21.57	20.59	17.52
	1RB-Middle (24)	2685 (41540)	23.05	22.11	20.87	17.67
		2639(41080)	23.16	22.22	20.82	17.49
		2593 (40620)	23.02	21.74	20.80	17.56
		2547(40160)	22.81	21.81	20.57	17.51
		2501 (39700)	23.14	21.41	20.78	17.41
		1RB-Low (0)	2685 (41540)	23.12	21.98	21.04
	2639(41080)		23.32	21.84	20.97	17.72
	2593 (40620)		23.31	21.52	20.85	17.68
	2547(40160)		22.75	21.41	20.44	17.73
	2501 (39700)		23.13	21.58	20.77	17.44
	25RB-High (25)	2685 (41540)	21.85	20.78	19.89	17.41
		2639(41080)	21.69	20.84	19.76	17.52
		2593 (40620)	21.83	20.62	20.01	17.55
		2547(40160)	21.35	20.56	19.65	17.46
		2501 (39700)	21.39	20.50	19.63	17.61
	25RB-Middle (12)	2685 (41540)	21.85	20.85	20.12	17.51
		2639(41080)	21.82	20.88	19.99	17.69
		2593 (40620)	21.62	20.87	20.03	17.50
		2547(40160)	21.50	20.62	19.69	17.54
		2501 (39700)	21.71	20.59	19.71	17.36
	25RB-Low (0)	2685 (41540)	21.85	20.89	20.00	17.44
		2639(41080)	21.60	20.61	19.88	17.58
		2593 (40620)	21.81	20.88	20.03	17.54
		2547(40160)	21.49	20.41	19.51	17.44
		2501 (39700)	21.81	20.64	19.91	17.53
	50RB (0)	2685 (41540)	21.81	20.69	20.07	17.43
		2639(41080)	21.65	20.72	20.02	17.61
		2593 (40620)	21.71	20.83	19.79	17.36
		2547(40160)	21.40	20.54	19.56	17.48
		2501 (39700)	21.54	20.73	19.88	17.68
15MHz	1RB-High (74)	2682.5 (41515)	23.10	21.78	20.92	17.73
		2637.8(41068)	23.10	21.98	20.72	17.41
		2593 (40620)	23.05	21.88	20.94	17.48
		2548.3(40173)	23.06	21.34	20.57	17.56
		2503.5 (39725)	22.78	21.49	20.63	17.57
	1RB-Middle (37)	2682.5 (41515)	23.23	21.95	20.90	17.70
		2637.8(41068)	23.06	22.35	20.91	17.49
		2593 (40620)	23.00	21.72	21.05	17.80
		2548.3(40173)	23.01	21.67	20.54	17.41

		2503.5 (39725)	23.12	21.40	20.85	17.62
	1RB-Low (0)	2682.5 (41515)	23.32	21.93	21.11	17.47
		2637.8(41068)	23.15	21.81	20.71	17.74
		2593 (40620)	23.05	21.53	20.95	17.72
		2548.3(40173)	22.75	21.36	20.46	17.50
		2503.5 (39725)	23.18	21.78	20.81	17.45
	36RB-High (38)	2682.5 (41515)	21.72	20.68	19.74	17.42
		2637.8(41068)	21.68	20.88	19.97	17.45
		2593 (40620)	21.67	20.73	19.98	17.73
		2548.3(40173)	21.55	20.48	19.57	17.44
		2503.5 (39725)	21.37	20.69	19.73	17.52
	36RB-Middle (19)	2682.5 (41515)	21.83	20.69	19.94	17.53
		2637.8(41068)	21.93	20.86	19.87	17.66
		2593 (40620)	21.84	20.73	19.98	17.59
		2548.3(40173)	21.57	20.59	19.84	17.42
		2503.5 (39725)	21.63	20.57	19.80	17.58
	36RB-Low (0)	2682.5 (41515)	21.81	20.67	20.08	17.69
		2637.8(41068)	21.66	20.69	19.79	17.43
		2593 (40620)	21.78	20.86	19.93	17.58
		2548.3(40173)	21.46	20.37	19.65	17.49
		2503.5 (39725)	21.62	20.71	19.74	17.67
	75RB (0)	2682.5 (41515)	21.84	20.88	19.99	17.55
		2637.8(41068)	21.80	20.69	19.82	17.71
		2593 (40620)	21.84	20.75	19.94	17.54
		2548.3(40173)	21.38	20.51	19.63	17.48
		2503.5 (39725)	21.60	20.79	19.70	17.66
20MHz	1RB-High (99)	2680 (41490)	23.23	21.81	20.87	17.72
		2636.5(41055)	23.19	21.88	20.89	17.59
		2593 (40620)	23.21	21.80	20.94	17.55
		2549.5(40185)	23.04	21.44	20.71	17.72
		2506 (39750)	22.94	21.47	20.67	17.61
	1RB-Middle (50)	2680 (41490)	23.21	22.09	20.93	17.62
		2636.5(41055)	23.22	22.28	20.96	17.67
		2593 (40620)	23.17	21.68	20.97	17.70
		2549.5(40185)	22.96	21.78	20.72	17.50
		2506 (39750)	23.07	21.50	20.95	17.54
	1RB-Low (0)	2680 (41490)	23.22	22.02	21.02	17.47
		2636.5(41055)	23.24	21.86	20.89	17.67
		2593 (40620)	23.22	21.68	20.98	17.73
		2549.5(40185)	22.90	21.46	20.56	17.68
		2506 (39750)	23.14	21.71	20.85	17.53

	50RB-High (50)	2680 (41490)	21.78	20.75	19.92	17.50
		2636.5(41055)	21.73	20.78	19.93	17.55
		2593 (40620)	21.79	20.74	19.91	17.65
		2549.5(40185)	21.53	20.54	19.72	17.62
		2506 (39750)	21.55	20.60	19.79	17.62
	50RB-Middle (25)	2680 (41490)	21.85	20.84	20.02	17.55
		2636.5(41055)	21.88	20.78	19.92	17.74
		2593 (40620)	21.75	20.80	20.00	17.66
		2549.5(40185)	21.53	20.57	19.74	17.60
		2506 (39750)	21.69	20.61	19.88	17.52
	50RB-Low (0)	2680 (41490)	21.81	20.85	20.06	17.59
		2636.5(41055)	21.74	20.73	19.93	17.48
		2593 (40620)	21.79	20.78	19.94	17.49
		2549.5(40185)	21.48	20.52	19.68	17.60
		2506 (39750)	21.72	20.74	19.91	17.64
	100RB (0)	2680 (41490)	21.83	20.84	20.06	17.55
		2636.5(41055)	21.73	20.71	19.94	17.70
		2593 (40620)	21.78	20.81	19.96	17.45
		2549.5(40185)	21.54	20.51	19.70	17.60
		2506 (39750)	21.62	20.69	19.80	17.60

LTE Band41 PC3(ANT4 DSI2/3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	18.29	18.40	18.27	18.79
		2640.3(41093)	18.02	18.14	18.06	18.58
		2593 (40620)	18.15	18.33	18.22	18.78
		2545.8(40148)	18.05	17.71	17.57	18.46
		2498.5 (39675)	17.82	17.80	18.07	18.98
	1RB-Middle (12)	2687.5 (41565)	18.17	18.00	18.09	18.81
		2640.3(41093)	17.99	17.97	17.88	18.80
		2593 (40620)	18.16	18.24	17.97	18.86
		2545.8(40148)	17.79	17.98	17.66	19.05
		2498.5 (39675)	18.17	18.34	18.29	18.88
	1RB-Low (0)	2687.5 (41565)	18.29	18.18	17.91	18.74
		2640.3(41093)	18.30	17.93	17.95	18.52
		2593 (40620)	18.02	18.06	18.26	18.55
		2545.8(40148)	17.72	18.02	17.71	18.59
		2498.5 (39675)	18.02	18.12	17.91	18.81
	12RB-High (13)	2687.5 (41565)	18.02	18.14	18.35	19.01
		2640.3(41093)	18.17	18.06	17.94	18.72

		2593 (40620)	18.16	17.92	18.32	18.52	
		2545.8(40148)	18.03	17.95	17.85	18.66	
		2498.5 (39675)	17.97	17.96	17.87	19.05	
	12RB-Middle (6)	2687.5 (41565)	18.17	18.39	18.22	18.71	
		2640.3(41093)	18.15	18.02	18.03	18.77	
		2593 (40620)	18.05	18.01	17.99	18.78	
		2545.8(40148)	18.12	17.99	18.08	19.09	
		2498.5 (39675)	18.19	17.99	18.04	18.62	
	12RB-Low (0)	2687.5 (41565)	18.22	18.28	18.00	18.71	
		2640.3(41093)	18.07	18.05	18.24	18.89	
		2593 (40620)	18.11	18.01	18.27	19.02	
		2545.8(40148)	18.00	18.04	17.73	18.89	
		2498.5 (39675)	18.34	18.07	18.28	19.08	
	25RB (0)	2687.5 (41565)	18.36	18.32	18.22	18.94	
		2640.3(41093)	18.14	18.32	18.10	18.91	
		2593 (40620)	18.13	18.27	18.36	18.75	
		2545.8(40148)	17.92	17.82	18.06	18.77	
		2498.5 (39675)	18.15	18.29	17.96	18.73	
	10MHz	1RB-High (49)	2685 (41540)	18.24	18.29	18.03	18.65
			2639(41080)	17.99	17.90	18.02	18.76
2593 (40620)			18.17	17.99	18.18	18.79	
2547(40160)			17.88	17.86	17.67	18.77	
2501 (39700)			18.05	17.79	17.72	18.81	
1RB-Middle (24)		2685 (41540)	18.22	18.11	18.04	18.74	
		2639(41080)	17.99	17.82	17.64	19.04	
		2593 (40620)	18.25	18.12	17.99	18.64	
		2547(40160)	17.84	17.81	17.61	19.06	
		2501 (39700)	18.22	18.28	17.98	18.79	
1RB-Low (0)		2685 (41540)	18.01	18.24	18.17	19.08	
		2639(41080)	18.14	18.20	18.09	18.69	
		2593 (40620)	18.00	18.14	18.05	18.82	
		2547(40160)	17.95	18.14	17.87	18.82	
		2501 (39700)	18.07	18.20	17.82	18.55	
25RB-High (25)		2685 (41540)	18.35	18.00	18.02	18.84	
		2639(41080)	18.04	17.99	17.78	18.67	
		2593 (40620)	18.36	18.10	18.36	18.51	
		2547(40160)	17.93	17.73	17.78	18.59	
		2501 (39700)	18.24	18.05	18.21	18.86	
25RB-Middle (12)	2685 (41540)	18.11	18.12	18.39	18.86		
	2639(41080)	18.21	18.16	18.12	19.02		
	2593 (40620)	18.38	18.11	18.27	18.89		

		2547(40160)	17.79	17.92	17.75	19.09
		2501 (39700)	17.99	18.30	17.95	18.91
	25RB-Low (0)	2685 (41540)	18.07	18.05	18.17	18.61
		2639(41080)	18.42	18.05	18.23	18.60
		2593 (40620)	18.35	18.34	18.26	18.98
		2547(40160)	17.77	17.96	17.72	18.83
		2501 (39700)	18.12	18.20	18.22	19.00
	50RB (0)	2685 (41540)	18.11	18.31	18.04	18.88
		2639(41080)	18.21	17.93	18.01	18.70
		2593 (40620)	18.23	18.34	18.28	18.83
2547(40160)		18.00	17.88	18.00	18.76	
2501 (39700)		18.05	18.03	18.27	18.65	
15MHz	1RB-High (74)	2682.5 (41515)	17.98	18.24	18.07	18.56
		2637.8(41068)	18.10	17.94	18.11	18.86
		2593 (40620)	18.19	18.14	17.94	18.56
		2548.3(40173)	17.94	17.75	17.68	18.79
		2503.5 (39725)	17.72	17.90	17.80	18.63
	1RB-Middle (37)	2682.5 (41515)	18.25	18.15	17.93	18.82
		2637.8(41068)	17.96	17.92	17.85	18.93
		2593 (40620)	18.01	17.99	18.13	18.54
		2548.3(40173)	17.82	17.73	17.64	18.91
		2503.5 (39725)	18.12	18.28	18.15	18.78
	1RB-Low (0)	2682.5 (41515)	18.05	18.17	18.19	19.11
		2637.8(41068)	18.17	18.06	18.06	18.53
		2593 (40620)	18.20	18.16	18.21	18.58
		2548.3(40173)	17.84	18.05	17.77	18.66
		2503.5 (39725)	17.89	18.15	18.22	18.66
	36RB-High (38)	2682.5 (41515)	18.23	18.33	18.23	18.70
		2637.8(41068)	18.06	18.15	18.15	18.99
		2593 (40620)	18.34	18.08	18.08	18.88
		2548.3(40173)	18.03	17.75	17.69	18.66
		2503.5 (39725)	18.24	17.96	18.08	18.96
	36RB-Middle (19)	2682.5 (41515)	18.30	18.36	18.33	18.73
		2637.8(41068)	17.90	18.02	18.25	18.86
		2593 (40620)	18.20	18.17	18.11	18.70
		2548.3(40173)	17.76	17.74	17.82	18.81
2503.5 (39725)		18.26	18.14	17.91	18.65	
36RB-Low (0)	2682.5 (41515)	18.26	18.35	18.19	18.94	
	2637.8(41068)	18.08	17.93	17.94	18.60	
	2593 (40620)	18.38	18.19	18.22	19.06	
	2548.3(40173)	17.82	17.79	17.89	18.78	

		2503.5 (39725)	18.06	18.09	18.00	18.82
	75RB (0)	2682.5 (41515)	18.29	18.35	18.08	18.75
		2637.8(41068)	18.30	18.22	18.27	18.67
		2593 (40620)	18.23	18.01	18.04	19.12
		2548.3(40173)	18.09	17.79	17.89	18.78
		2503.5 (39725)	18.26	18.01	18.30	18.54
20MHz	1RB-High (99)	2680 (41490)	18.15	18.20	18.09	18.74
		2636.5(41055)	18.06	18.06	17.93	18.68
		2593 (40620)	18.13	18.15	18.05	18.74
		2549.5(40185)	17.87	17.88	17.68	18.66
		2506 (39750)	17.92	17.92	17.88	18.80
	1RB-Middle (50)	2680 (41490)	18.14	18.11	18.05	18.80
		2636.5(41055)	18.01	17.99	17.79	18.92
		2593 (40620)	18.09	18.09	18.09	18.68
		2549.5(40185)	17.99	17.92	17.75	18.89
		2506 (39750)	18.02	18.20	18.09	18.91
	1RB-Low (0)	2680 (41490)	18.18	18.15	18.09	18.92
		2636.5(41055)	18.19	18.08	18.01	18.71
		2593 (40620)	18.13	18.14	18.11	18.74
		2549.5(40185)	17.85	17.98	17.85	18.79
		2506 (39750)	18.08	18.11	18.02	18.67
	50RB-High (50)	2680 (41490)	18.20	18.18	18.17	18.86
		2636.5(41055)	18.00	18.01	17.98	18.87
		2593 (40620)	18.16	18.11	18.17	18.70
		2549.5(40185)	17.96	17.93	17.88	18.78
		2506 (39750)	18.07	18.04	18.06	18.85
	50RB-Middle (25)	2680 (41490)	18.14	18.19	18.19	18.78
		2636.5(41055)	18.09	18.09	18.11	18.85
		2593 (40620)	18.19	18.19	18.14	18.74
		2549.5(40185)	17.92	17.89	17.92	18.89
		2506 (39750)	18.15	18.15	18.11	18.78
	50RB-Low (0)	2680 (41490)	18.21	18.21	18.18	18.78
		2636.5(41055)	18.25	18.08	18.09	18.74
		2593 (40620)	18.19	18.18	18.12	18.90
		2549.5(40185)	17.93	17.92	17.92	18.82
		2506 (39750)	18.23	18.17	18.17	18.88
100RB (0)	2680 (41490)	18.23	18.23	18.19	18.77	
	2636.5(41055)	18.15	18.12	18.09	18.79	
	2593 (40620)	18.19	18.17	18.18	18.93	
	2549.5(40185)	17.94	17.90	17.91	18.92	
	2506 (39750)	18.15	18.12	18.14	18.72	

LTE Band41 PC2(ANT0 DSI0/2/3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	26.35	25.48	24.28	21.13
		2640.3(41093)	26.31	25.70	24.59	21.23
		2593 (40620)	26.24	25.60	24.52	21.51
		2545.8(40148)	26.21	25.63	24.31	21.46
		2498.5 (39675)	25.94	25.37	24.18	21.47
	1RB-Middle (12)	2687.5 (41565)	26.35	25.76	24.34	21.20
		2640.3(41093)	26.35	25.75	24.67	21.47
		2593 (40620)	26.31	25.75	24.58	21.31
		2545.8(40148)	26.25	25.55	24.47	21.19
		2498.5 (39675)	26.00	25.58	24.33	21.16
	1RB-Low (0)	2687.5 (41565)	26.30	25.55	24.34	21.43
		2640.3(41093)	26.37	25.81	24.48	21.47
		2593 (40620)	26.22	25.75	24.41	21.12
		2545.8(40148)	26.20	25.50	24.48	21.50
		2498.5 (39675)	26.00	25.48	24.27	21.18
	12RB-High (13)	2687.5 (41565)	25.24	24.38	23.40	21.37
		2640.3(41093)	25.46	24.51	23.52	21.26
		2593 (40620)	25.40	24.44	23.41	21.34
		2545.8(40148)	25.31	24.40	23.28	21.34
		2498.5 (39675)	25.08	24.17	23.11	21.41
	12RB-Middle (6)	2687.5 (41565)	25.26	24.44	23.38	21.27
		2640.3(41093)	25.51	24.52	23.55	21.35
		2593 (40620)	25.41	24.48	23.46	21.34
		2545.8(40148)	25.34	24.47	23.36	21.17
		2498.5 (39675)	25.12	24.22	23.13	21.37
	12RB-Low (0)	2687.5 (41565)	25.27	24.28	23.33	21.21
		2640.3(41093)	25.44	24.54	23.46	21.36
		2593 (40620)	25.44	24.49	23.44	21.20
		2545.8(40148)	25.30	24.37	23.36	21.15
		2498.5 (39675)	25.14	24.20	23.17	21.18
25RB (0)	2687.5 (41565)	25.27	24.35	23.32	21.37	
	2640.3(41093)	25.41	24.51	23.50	21.19	
	2593 (40620)	25.39	24.48	23.44	21.48	
	2545.8(40148)	25.29	24.40	23.35	21.41	
	2498.5 (39675)	25.08	24.15	23.15	21.31	
10MHz	1RB-High (49)	2685 (41540)	26.26	25.44	24.21	21.19
		2639(41080)	26.16	25.60	24.51	21.25
		2593 (40620)	26.21	25.66	24.37	21.29

		2547(40160)	26.12	25.59	24.47	21.32
		2501 (39700)	25.91	25.38	24.17	21.51
	1RB-Middle (24)	2685 (41540)	26.25	25.68	24.44	21.45
		2639(41080)	26.33	25.70	24.43	21.29
		2593 (40620)	26.26	25.61	24.56	21.52
		2547(40160)	26.17	25.43	24.36	21.47
		2501 (39700)	25.95	25.39	24.10	21.49
		1RB-Low (0)	2685 (41540)	26.22	25.49	24.26
	2639(41080)		26.30	25.67	24.57	21.27
	2593 (40620)		26.21	25.62	24.33	21.42
	2547(40160)		26.10	25.43	24.35	21.47
	2501 (39700)		25.92	25.41	24.21	21.13
	25RB-High (25)	2685 (41540)	25.10	24.23	23.22	21.42
		2639(41080)	25.36	24.46	23.46	21.13
		2593 (40620)	25.36	24.34	23.35	21.24
		2547(40160)	25.29	24.31	23.31	21.30
		2501 (39700)	25.07	24.11	23.04	21.39
	25RB-Middle (12)	2685 (41540)	25.23	24.33	23.33	21.20
		2639(41080)	25.45	24.46	23.47	21.32
		2593 (40620)	25.35	24.41	23.38	21.22
		2547(40160)	25.31	24.38	23.33	21.25
		2501 (39700)	25.09	24.11	23.09	21.20
	25RB-Low (0)	2685 (41540)	25.25	24.26	23.27	21.30
		2639(41080)	25.43	24.45	23.49	21.22
		2593 (40620)	25.32	24.38	23.37	21.12
		2547(40160)	25.31	24.30	23.30	21.41
		2501 (39700)	24.96	24.03	23.00	21.18
	50RB (0)	2685 (41540)	25.26	24.28	23.25	21.20
		2639(41080)	25.41	24.47	23.45	21.16
		2593 (40620)	25.36	24.37	23.35	21.30
		2547(40160)	25.24	24.30	23.26	21.35
		2501 (39700)	25.03	24.08	23.09	21.15
15MHz	1RB-High (74)	2682.5 (41515)	26.00	25.51	24.20	21.34
		2637.8(41068)	26.14	25.35	24.29	21.22
		2593 (40620)	26.16	25.72	24.41	21.30
		2548.3(40173)	26.07	25.54	24.18	21.13
		2503.5 (39725)	25.77	25.37	24.05	21.25
	1RB-Middle (37)	2682.5 (41515)	26.06	25.55	24.34	21.48
		2637.8(41068)	26.18	25.54	24.42	21.41
		2593 (40620)	26.14	25.53	24.40	21.15
		2548.3(40173)	26.06	25.55	24.26	21.46

		2503.5 (39725)	25.87	25.21	24.15	21.14
	1RB-Low (0)	2682.5 (41515)	26.05	25.47	24.23	21.51
		2637.8(41068)	26.19	25.65	24.50	21.51
		2593 (40620)	26.08	25.40	24.22	21.30
		2548.3(40173)	25.98	25.32	24.20	21.14
		2503.5 (39725)	25.76	25.14	23.98	21.13
	36RB-High (38)	2682.5 (41515)	25.10	24.12	23.15	21.33
		2637.8(41068)	25.34	24.35	23.33	21.19
		2593 (40620)	25.26	24.32	23.28	21.38
		2548.3(40173)	25.17	24.23	23.20	21.47
		2503.5 (39725)	24.96	24.00	22.98	21.23
	36RB-Middle (19)	2682.5 (41515)	25.17	24.20	23.18	21.14
		2637.8(41068)	25.33	24.34	23.39	21.27
		2593 (40620)	25.26	24.26	23.22	21.36
		2548.3(40173)	25.15	24.20	23.23	21.26
		2503.5 (39725)	24.98	24.01	23.03	21.16
	36RB-Low (0)	2682.5 (41515)	25.18	24.22	23.22	21.42
		2637.8(41068)	25.33	24.39	23.37	21.48
		2593 (40620)	25.21	24.27	23.27	21.40
		2548.3(40173)	25.18	24.19	23.18	21.16
		2503.5 (39725)	24.88	23.94	22.91	21.46
	75RB (0)	2682.5 (41515)	25.18	24.21	23.22	21.32
		2637.8(41068)	25.33	24.29	23.34	21.42
		2593 (40620)	25.24	24.25	23.26	21.19
		2548.3(40173)	25.15	24.19	23.21	21.35
		2503.5 (39725)	24.97	24.00	23.01	21.48
20MHz	1RB-High (99)	2680 (41490)	25.98	25.32	24.33	21.23
		2636.5(41055)	26.13	25.60	24.42	21.26
		2593 (40620)	26.17	25.61	24.46	21.37
		2549.5(40185)	25.94	25.25	24.21	21.27
		2506 (39750)	25.77	25.16	24.12	21.21
	1RB-Middle (50)	2680 (41490)	26.10	25.91	24.19	21.49
		2636.5(41055)	26.09	25.57	24.45	21.30
		2593 (40620)	26.07	25.75	24.41	21.46
		2549.5(40185)	25.98	25.53	24.43	21.48
		2506 (39750)	25.77	25.29	24.03	21.27
	1RB-Low (0)	2680 (41490)	26.09	25.49	24.37	21.37
		2636.5(41055)	26.26	25.60	24.48	21.35
		2593 (40620)	26.23	25.40	24.43	21.20
		2549.5(40185)	26.01	25.46	24.29	21.15
		2506 (39750)	25.83	25.24	24.08	21.50

	50RB-High (50)	2680 (41490)	25.10	24.12	23.10	21.29
		2636.5(41055)	25.28	24.27	23.33	21.27
		2593 (40620)	25.24	24.29	23.23	21.42
		2549.5(40185)	25.14	24.15	23.20	21.34
		2506 (39750)	24.97	24.01	22.98	21.27
	50RB-Middle (25)	2680 (41490)	25.13	24.19	23.23	21.33
		2636.5(41055)	25.31	24.35	23.36	21.41
		2593 (40620)	25.22	24.23	23.28	21.19
		2549.5(40185)	25.18	24.14	23.18	21.25
		2506 (39750)	24.93	24.00	23.03	21.38
	50RB-Low (0)	2680 (41490)	25.14	24.19	23.26	21.48
		2636.5(41055)	25.23	24.35	23.33	21.52
		2593 (40620)	25.23	24.20	23.22	21.21
		2549.5(40185)	25.07	24.10	23.11	21.49
		2506 (39750)	24.88	23.95	22.92	21.39
	100RB (0)	2680 (41490)	25.13	24.16	23.19	21.26
		2636.5(41055)	25.29	24.28	23.36	21.43
		2593 (40620)	25.21	24.26	23.28	21.15
		2549.5(40185)	25.15	24.19	23.16	21.44
		2506 (39750)	24.94	24.00	23.00	21.50

LTE Band41 PC2(ANT0 DSI8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	21.90	22.23	22.36	19.82
		2640.3(41093)	21.92	22.26	22.36	19.87
		2593 (40620)	22.05	22.05	22.29	19.63
		2545.8(40148)	21.88	22.05	22.01	19.62
		2498.5 (39675)	21.77	22.29	22.08	20.13
	1RB-Middle (12)	2687.5 (41565)	21.70	22.11	22.15	19.63
		2640.3(41093)	21.81	22.11	22.17	19.64
		2593 (40620)	21.84	22.63	22.17	19.93
		2545.8(40148)	21.82	22.15	22.12	19.77
		2498.5 (39675)	21.77	22.33	22.48	19.86
	1RB-Low (0)	2687.5 (41565)	21.83	22.39	22.02	20.01
		2640.3(41093)	22.34	22.42	22.36	19.98
		2593 (40620)	22.11	22.31	22.06	20.00
		2545.8(40148)	22.03	22.34	22.36	19.66
		2498.5 (39675)	22.02	22.00	21.98	19.84
	12RB-High (13)	2687.5 (41565)	22.14	21.99	22.11	19.78
		2640.3(41093)	21.91	22.28	21.95	19.73

		2593 (40620)	22.17	21.87	22.10	19.61	
		2545.8(40148)	22.04	21.98	21.87	19.74	
		2498.5 (39675)	21.90	21.91	21.84	20.08	
	12RB-Middle (6)	2687.5 (41565)	21.80	22.10	22.03	19.66	
		2640.3(41093)	22.14	22.09	22.33	19.78	
		2593 (40620)	22.16	22.24	22.09	19.84	
		2545.8(40148)	22.22	22.19	22.18	19.87	
		2498.5 (39675)	21.90	22.06	22.00	19.75	
	12RB-Low (0)	2687.5 (41565)	22.11	22.21	21.93	20.08	
		2640.3(41093)	22.13	22.09	22.00	19.92	
		2593 (40620)	21.86	22.05	22.05	20.00	
		2545.8(40148)	22.20	21.93	21.99	19.66	
		2498.5 (39675)	22.00	22.06	22.05	19.81	
	25RB (0)	2687.5 (41565)	22.05	22.11	21.87	19.80	
		2640.3(41093)	22.20	22.09	22.13	19.70	
		2593 (40620)	21.96	21.95	22.21	20.16	
		2545.8(40148)	21.93	21.90	22.22	20.02	
		2498.5 (39675)	22.20	22.23	22.03	19.78	
	10MHz	1RB-High (49)	2685 (41540)	21.77	22.02	22.35	19.87
			2639(41080)	22.16	22.37	22.22	19.74
2593 (40620)			22.06	22.19	22.24	19.71	
2547(40160)			21.85	22.15	22.00	19.93	
2501 (39700)			21.69	22.45	22.31	19.84	
1RB-Middle (24)		2685 (41540)	21.94	21.85	22.04	19.92	
		2639(41080)	21.94	22.28	22.20	19.59	
		2593 (40620)	22.02	22.51	22.10	19.83	
		2547(40160)	22.05	22.00	21.98	19.81	
		2501 (39700)	21.76	22.06	22.25	19.94	
1RB-Low (0)		2685 (41540)	21.91	22.51	21.94	20.17	
		2639(41080)	21.99	22.35	22.36	19.72	
		2593 (40620)	22.00	22.25	22.26	20.15	
		2547(40160)	21.94	22.66	22.20	19.96	
		2501 (39700)	21.84	22.09	22.20	19.88	
25RB-High (25)		2685 (41540)	22.04	22.15	22.05	20.00	
		2639(41080)	22.03	21.91	21.97	19.83	
		2593 (40620)	22.11	22.22	22.27	19.68	
		2547(40160)	22.20	21.96	22.16	19.90	
		2501 (39700)	21.83	22.11	22.02	19.88	
25RB-Middle (12)		2685 (41540)	21.86	22.18	21.88	19.86	
		2639(41080)	22.27	22.21	22.03	19.62	
		2593 (40620)	22.16	21.95	22.07	19.85	

		2547(40160)	22.27	22.07	22.05	19.87	
		2501 (39700)	22.08	22.17	22.16	19.72	
	25RB-Low (0)	2685 (41540)	21.94	22.08	22.04	19.94	
		2639(41080)	21.89	22.24	22.01	19.81	
		2593 (40620)	22.23	22.24	22.17	19.95	
		2547(40160)	22.04	21.93	22.25	19.92	
		2501 (39700)	22.04	22.14	22.02	20.07	
	50RB (0)	2685 (41540)	21.94	21.82	22.22	19.79	
		2639(41080)	22.21	22.04	22.01	19.79	
		2593 (40620)	22.08	21.89	21.89	19.90	
		2547(40160)	22.09	22.20	22.09	20.01	
		2501 (39700)	21.92	22.07	21.99	19.92	
	15MHz	1RB-High (74)	2682.5 (41515)	21.65	22.03	22.23	19.95
			2637.8(41068)	22.09	22.44	22.21	19.87
			2593 (40620)	21.80	22.37	21.93	19.80
			2548.3(40173)	22.00	22.20	21.96	19.70
			2503.5 (39725)	21.69	22.46	22.06	19.78
		1RB-Middle (37)	2682.5 (41515)	21.71	22.16	22.04	19.94
2637.8(41068)			22.10	22.18	22.36	19.77	
2593 (40620)			21.75	22.84	22.28	19.60	
2548.3(40173)			21.99	22.00	22.34	19.70	
2503.5 (39725)			21.68	22.32	22.19	20.00	
1RB-Low (0)		2682.5 (41515)	22.02	22.21	22.14	19.97	
		2637.8(41068)	22.30	22.58	22.36	19.72	
		2593 (40620)	22.11	22.12	22.03	20.18	
		2548.3(40173)	22.00	22.27	22.32	19.74	
		2503.5 (39725)	21.88	22.28	21.91	19.79	
36RB-High (38)		2682.5 (41515)	21.92	22.04	22.02	19.91	
		2637.8(41068)	22.08	22.18	22.02	19.92	
		2593 (40620)	21.87	21.94	22.00	19.86	
		2548.3(40173)	22.01	22.04	21.86	19.90	
		2503.5 (39725)	21.94	22.14	22.15	19.76	
36RB-Middle (19)		2682.5 (41515)	22.18	21.91	21.98	19.74	
		2637.8(41068)	22.16	22.35	22.01	19.89	
		2593 (40620)	21.98	22.00	21.90	19.57	
		2548.3(40173)	22.20	22.15	22.26	20.22	
	2503.5 (39725)	21.95	21.91	22.23	19.87		
36RB-Low (0)	2682.5 (41515)	21.96	22.02	21.92	20.06		
	2637.8(41068)	22.21	22.33	22.39	20.01		
	2593 (40620)	21.95	22.23	21.98	20.05		
	2548.3(40173)	21.88	22.07	22.10	19.87		

		2503.5 (39725)	22.09	22.15	22.08	20.03
	75RB (0)	2682.5 (41515)	22.17	22.05	22.11	20.17
		2637.8(41068)	22.21	22.10	22.31	19.66
		2593 (40620)	22.22	21.85	22.03	19.93
		2548.3(40173)	22.14	21.87	22.06	19.75
		2503.5 (39725)	21.88	21.94	22.07	19.62
20MHz	1RB-High (99)	2680 (41490)	21.85	22.19	22.23	19.87
		2636.5(41055)	21.98	22.41	22.25	19.76
		2593 (40620)	21.91	22.20	22.12	19.80
		2549.5(40185)	21.81	22.17	22.03	19.82
		2506 (39750)	21.86	22.36	22.12	19.98
	1RB-Middle (50)	2680 (41490)	21.85	22.04	22.13	19.80
		2636.5(41055)	21.99	22.31	22.31	19.79
		2593 (40620)	21.90	22.68	22.09	19.75
		2549.5(40185)	21.93	22.20	22.15	19.86
		2506 (39750)	21.86	22.17	22.36	20.04
	1RB-Low (0)	2680 (41490)	21.94	22.31	22.11	19.97
		2636.5(41055)	22.15	22.42	22.31	19.78
		2593 (40620)	22.03	22.29	22.21	19.99
		2549.5(40185)	21.95	22.47	22.24	19.82
		2506 (39750)	21.85	22.20	22.00	19.93
	50RB-High (50)	2680 (41490)	21.98	22.02	22.02	19.89
		2636.5(41055)	22.02	22.09	22.08	19.80
		2593 (40620)	22.00	22.06	22.08	19.77
		2549.5(40185)	22.04	22.06	22.04	19.75
		2506 (39750)	22.00	22.03	22.03	19.89
	50RB-Middle (25)	2680 (41490)	22.00	22.05	22.08	19.85
		2636.5(41055)	22.12	22.18	22.20	19.79
		2593 (40620)	22.11	22.04	22.09	19.75
		2549.5(40185)	22.09	22.10	22.12	20.02
		2506 (39750)	22.01	22.08	22.06	19.91
	50RB-Low (0)	2680 (41490)	22.00	22.06	22.06	19.91
		2636.5(41055)	22.05	22.17	22.20	20.00
		2593 (40620)	22.03	22.05	22.05	19.96
		2549.5(40185)	22.07	22.10	22.09	19.78
		2506 (39750)	21.97	22.02	22.04	19.94
100RB (0)	2680 (41490)	22.01	21.99	22.03	19.99	
	2636.5(41055)	22.14	22.15	22.16	19.83	
	2593 (40620)	22.06	22.01	22.07	19.98	
	2549.5(40185)	22.03	22.07	22.10	19.92	
	2506 (39750)	22.00	22.08	22.05	19.81	

LTE Band41 PC2(ANT4 DSI0/8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	25.68	25.00	24.14	21.04
		2640.3(41093)	25.62	25.12	24.07	20.75
		2593 (40620)	25.80	25.18	24.20	20.92
		2545.8(40148)	25.49	24.78	23.75	21.01
		2498.5 (39675)	25.68	25.08	24.03	20.96
	1RB-Middle (12)	2687.5 (41565)	25.79	25.32	24.26	20.76
		2640.3(41093)	25.71	25.21	24.07	20.91
		2593 (40620)	25.91	25.22	24.25	20.91
		2545.8(40148)	25.50	24.82	23.99	21.03
		2498.5 (39675)	25.76	25.15	24.17	21.00
	1RB-Low (0)	2687.5 (41565)	25.69	25.14	24.06	20.78
		2640.3(41093)	25.67	25.02	24.13	20.91
		2593 (40620)	25.85	25.22	24.19	20.79
		2545.8(40148)	25.43	24.83	23.83	20.75
		2498.5 (39675)	25.68	25.09	24.14	21.09
	12RB-High (13)	2687.5 (41565)	24.92	23.97	23.08	21.07
		2640.3(41093)	24.83	23.85	23.04	20.89
		2593 (40620)	24.95	23.95	23.20	20.73
		2545.8(40148)	24.55	23.59	22.81	20.85
		2498.5 (39675)	24.76	23.82	22.97	20.95
	12RB-Middle (6)	2687.5 (41565)	24.93	23.97	23.15	20.94
		2640.3(41093)	24.84	23.89	23.09	20.74
		2593 (40620)	24.97	23.98	23.19	20.96
		2545.8(40148)	24.56	23.61	22.83	20.76
		2498.5 (39675)	24.78	23.85	23.08	21.09
	12RB-Low (0)	2687.5 (41565)	24.90	23.93	23.07	20.77
		2640.3(41093)	24.81	23.83	23.06	20.87
		2593 (40620)	24.94	24.00	23.19	20.84
		2545.8(40148)	24.55	23.55	22.72	20.73
		2498.5 (39675)	24.78	23.90	23.06	20.98
25RB (0)	2687.5 (41565)	24.88	23.91	23.07	20.90	
	2640.3(41093)	24.79	23.82	23.03	20.88	
	2593 (40620)	24.96	23.99	23.17	20.83	
	2545.8(40148)	24.57	23.57	22.79	20.92	
	2498.5 (39675)	24.76	23.77	23.00	20.73	
10MHz	1RB-High (49)	2685 (41540)	25.70	25.20	24.17	20.72
		2639(41080)	25.60	25.12	24.00	20.94
		2593 (40620)	25.82	25.21	24.24	20.75

		2547(40160)	25.43	24.83	23.74	20.94
		2501 (39700)	25.59	25.05	24.03	20.86
	1RB-Middle (24)	2685 (41540)	25.80	25.30	24.18	20.87
		2639(41080)	25.79	25.16	24.24	21.08
		2593 (40620)	25.82	25.32	24.22	20.98
		2547(40160)	25.49	24.89	23.94	20.79
		2501 (39700)	25.70	25.06	24.17	20.84
		1RB-Low (0)	2685 (41540)	25.76	25.33	24.17
	2639(41080)		25.72	25.10	24.11	21.06
	2593 (40620)		25.75	25.39	24.20	20.94
	2547(40160)		25.32	24.85	23.76	20.78
	2501 (39700)		25.63	25.06	24.09	21.10
	25RB-High (25)	2685 (41540)	24.84	23.87	23.02	20.92
		2639(41080)	24.81	23.88	23.03	20.87
		2593 (40620)	24.95	24.01	23.12	20.98
		2547(40160)	24.59	23.62	22.82	20.88
		2501 (39700)	24.76	23.79	22.89	20.81
	25RB-Middle (12)	2685 (41540)	24.92	23.97	23.12	20.92
		2639(41080)	24.84	23.89	23.09	20.77
		2593 (40620)	24.98	23.96	23.17	20.83
		2547(40160)	24.62	23.67	22.85	21.10
		2501 (39700)	24.75	23.76	23.09	20.84
	25RB-Low (0)	2685 (41540)	24.91	23.89	23.08	20.96
		2639(41080)	24.84	23.84	23.07	20.85
		2593 (40620)	24.93	24.00	23.18	20.81
		2547(40160)	24.57	23.58	22.75	20.85
		2501 (39700)	24.70	23.77	22.91	20.78
	50RB (0)	2685 (41540)	24.91	23.91	23.11	21.06
		2639(41080)	24.77	23.83	23.02	20.93
		2593 (40620)	24.95	23.98	23.19	20.91
		2547(40160)	24.58	23.62	22.79	20.92
		2501 (39700)	24.75	23.82	23.01	20.84
15MHz	1RB-High (74)	2682.5 (41515)	25.63	25.13	24.02	20.94
		2637.8(41068)	25.53	25.02	24.08	20.97
		2593 (40620)	25.69	25.02	24.04	21.02
		2548.3(40173)	25.43	24.77	23.73	20.97
		2503.5 (39725)	25.36	24.69	23.80	21.06
	1RB-Middle (37)	2682.5 (41515)	25.60	25.15	23.94	20.93
		2637.8(41068)	25.51	25.11	23.88	20.79
		2593 (40620)	25.70	24.96	24.11	20.73
		2548.3(40173)	25.30	24.87	23.67	20.95

		2503.5 (39725)	25.64	24.76	23.93	21.09
	1RB-Low (0)	2682.5 (41515)	25.61	25.11	23.98	21.04
		2637.8(41068)	25.57	24.91	24.02	20.75
		2593 (40620)	25.59	25.00	24.00	20.81
		2548.3(40173)	25.23	24.69	23.58	21.04
		2503.5 (39725)	25.44	24.88	23.78	20.78
	36RB-High (38)	2682.5 (41515)	24.66	23.70	22.89	20.92
		2637.8(41068)	24.67	23.67	22.83	20.80
		2593 (40620)	24.86	23.86	23.04	21.03
		2548.3(40173)	24.44	23.56	22.62	21.00
		2503.5 (39725)	24.55	23.62	22.73	20.74
	36RB-Middle (19)	2682.5 (41515)	24.71	23.72	22.95	20.75
		2637.8(41068)	24.67	23.70	22.85	20.97
		2593 (40620)	24.85	23.80	22.97	20.95
		2548.3(40173)	24.41	23.44	22.65	20.84
		2503.5 (39725)	24.62	23.63	22.85	20.98
	36RB-Low (0)	2682.5 (41515)	24.71	23.69	22.92	20.87
		2637.8(41068)	24.68	23.69	22.93	20.77
		2593 (40620)	24.83	23.82	23.04	21.12
		2548.3(40173)	24.40	23.40	22.61	21.06
		2503.5 (39725)	24.55	23.59	22.76	21.07
	75RB (0)	2682.5 (41515)	24.69	23.74	22.93	21.06
		2637.8(41068)	24.65	23.66	22.89	21.04
		2593 (40620)	24.76	23.80	23.01	20.91
		2548.3(40173)	24.42	23.45	22.68	20.85
		2503.5 (39725)	24.62	23.60	22.83	20.99
20MHz	1RB-High (99)	2680 (41490)	25.63	25.00	24.03	21.03
		2636.5(41055)	25.51	24.89	23.97	20.76
		2593 (40620)	25.85	25.26	23.99	20.88
		2549.5(40185)	25.66	24.65	23.75	20.74
		2506 (39750)	25.70	24.57	23.61	20.98
	1RB-Middle (50)	2680 (41490)	25.61	25.11	24.11	21.01
		2636.5(41055)	25.50	24.89	24.13	20.87
		2593 (40620)	25.64	25.15	24.10	20.93
		2549.5(40185)	25.30	24.74	23.54	21.08
		2506 (39750)	25.51	24.71	23.71	20.97
	1RB-Low (0)	2680 (41490)	25.67	25.05	24.02	20.74
		2636.5(41055)	25.71	24.98	24.01	20.78
		2593 (40620)	25.65	25.01	24.16	20.88
		2549.5(40185)	25.21	24.80	23.67	20.84
		2506 (39750)	25.49	24.74	24.06	21.10

	50RB-High (50)	2680 (41490)	24.71	23.71	22.86	20.98
		2636.5(41055)	24.65	23.71	22.83	20.74
		2593 (40620)	24.82	23.81	22.97	20.92
		2549.5(40185)	24.46	23.45	22.67	20.86
		2506 (39750)	24.54	23.56	22.73	20.74
	50RB-Middle (25)	2680 (41490)	24.73	23.76	22.97	21.11
		2636.5(41055)	24.64	23.67	22.88	20.89
		2593 (40620)	24.83	23.83	23.03	21.06
		2549.5(40185)	24.45	23.41	22.64	21.11
		2506 (39750)	24.62	23.63	22.78	20.72
	50RB-Low (0)	2680 (41490)	24.75	23.74	22.95	20.99
		2636.5(41055)	24.68	23.72	22.90	20.73
		2593 (40620)	24.81	23.83	23.03	20.84
		2549.5(40185)	24.36	23.33	22.58	20.89
		2506 (39750)	24.58	23.58	22.73	20.90
	100RB (0)	2680 (41490)	24.76	23.75	22.95	21.08
		2636.5(41055)	24.67	23.72	22.89	20.73
		2593 (40620)	24.82	23.81	22.98	20.75
		2549.5(40185)	24.46	23.43	22.62	21.10
		2506 (39750)	24.56	23.59	22.81	21.05

LTE Band41 PC2(ANT4 DSI2/3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	20.68	21.04	20.48	20.77
		2640.3(41093)	20.46	20.65	20.68	20.63
		2593 (40620)	20.71	20.82	20.59	20.88
		2545.8(40148)	20.38	20.82	20.22	20.69
		2498.5 (39675)	20.32	20.67	20.82	20.76
	1RB-Middle (12)	2687.5 (41565)	20.40	21.21	20.44	20.96
		2640.3(41093)	20.64	21.03	20.55	20.96
		2593 (40620)	20.35	21.08	20.84	20.90
		2545.8(40148)	20.18	20.55	20.24	21.03
		2498.5 (39675)	20.66	20.95	20.49	20.52
	1RB-Low (0)	2687.5 (41565)	20.82	21.05	20.56	20.67
		2640.3(41093)	20.58	20.73	21.03	21.07
		2593 (40620)	20.50	20.99	20.82	20.64
		2545.8(40148)	20.25	20.63	20.64	20.76
		2498.5 (39675)	20.71	20.53	20.58	20.80
	12RB-High (13)	2687.5 (41565)	20.50	20.53	20.54	20.79
		2640.3(41093)	20.83	20.76	20.62	20.54

		2593 (40620)	20.73	20.68	20.48	20.80	
		2545.8(40148)	20.28	20.37	20.37	20.66	
		2498.5 (39675)	20.53	20.43	20.63	20.67	
	12RB-Middle (6)	2687.5 (41565)	20.44	20.81	20.43	20.89	
		2640.3(41093)	20.57	20.70	20.50	20.58	
		2593 (40620)	20.79	20.75	20.52	20.85	
		2545.8(40148)	20.27	20.36	20.57	21.05	
		2498.5 (39675)	20.65	20.47	20.36	20.85	
	12RB-Low (0)	2687.5 (41565)	20.59	20.69	20.75	20.90	
		2640.3(41093)	20.57	20.58	20.41	20.75	
		2593 (40620)	20.71	20.57	20.51	20.92	
		2545.8(40148)	20.48	20.28	20.48	20.66	
		2498.5 (39675)	20.44	20.40	20.33	20.64	
	25RB (0)	2687.5 (41565)	20.77	20.69	20.76	20.80	
		2640.3(41093)	20.77	20.62	20.42	20.89	
		2593 (40620)	20.58	20.89	20.57	20.82	
		2545.8(40148)	20.45	20.39	20.48	20.66	
		2498.5 (39675)	20.45	20.78	20.78	20.88	
	10MHz	1RB-High (49)	2685 (41540)	20.39	20.65	20.42	21.10
			2639(41080)	20.40	20.84	20.61	20.79
2593 (40620)			20.73	20.73	20.84	20.90	
2547(40160)			20.40	20.72	20.55	20.81	
2501 (39700)			20.32	20.77	20.44	20.93	
1RB-Middle (24)		2685 (41540)	20.44	21.00	20.36	20.65	
		2639(41080)	20.45	20.83	20.85	20.65	
		2593 (40620)	20.50	21.13	20.87	20.93	
		2547(40160)	20.44	20.79	20.51	20.76	
		2501 (39700)	20.52	21.19	20.68	20.70	
1RB-Low (0)		2685 (41540)	20.53	20.93	20.62	20.70	
		2639(41080)	20.52	20.79	20.68	20.76	
		2593 (40620)	20.82	20.86	20.62	20.55	
		2547(40160)	20.17	20.56	20.45	20.97	
		2501 (39700)	20.54	20.59	20.77	20.61	
25RB-High (25)		2685 (41540)	20.75	20.54	20.43	20.58	
		2639(41080)	20.58	20.57	20.60	20.77	
		2593 (40620)	20.78	20.81	20.55	20.86	
		2547(40160)	20.60	20.40	20.26	20.49	
		2501 (39700)	20.67	20.53	20.58	20.62	
25RB-Middle (12)		2685 (41540)	20.83	20.78	20.60	20.71	
		2639(41080)	20.70	20.85	20.48	20.67	
		2593 (40620)	20.61	20.70	20.77	20.69	

		2547(40160)	20.26	20.53	20.50	20.94	
		2501 (39700)	20.74	20.69	20.39	20.90	
	25RB-Low (0)	2685 (41540)	20.54	20.67	20.74	20.69	
		2639(41080)	20.53	20.67	20.67	20.85	
		2593 (40620)	20.69	20.74	20.81	20.73	
		2547(40160)	20.31	20.43	20.51	20.68	
		2501 (39700)	20.55	20.49	20.65	20.65	
		2685 (41540)	20.50	20.64	20.36	20.82	
	50RB (0)	2639(41080)	20.73	20.54	20.36	20.81	
		2593 (40620)	20.87	20.58	20.39	20.91	
		2547(40160)	20.49	20.47	20.30	20.80	
		2501 (39700)	20.70	20.76	20.68	20.96	
		2682.5 (41515)	20.64	20.90	20.75	20.96	
	15MHz	1RB-High (74)	2637.8(41068)	20.55	20.85	20.49	20.82
			2593 (40620)	20.83	20.81	20.68	20.79
			2548.3(40173)	20.36	20.66	20.62	20.71
			2503.5 (39725)	20.36	20.81	20.64	20.78
			2682.5 (41515)	20.44	20.88	20.74	20.66
		1RB-Middle (37)	2637.8(41068)	20.65	20.66	20.80	20.77
			2593 (40620)	20.62	21.37	20.90	20.87
2548.3(40173)			20.38	20.58	20.34	20.97	
2503.5 (39725)			20.62	20.98	20.65	20.65	
2682.5 (41515)			20.67	21.04	20.56	20.66	
1RB-Low (0)		2637.8(41068)	20.54	20.97	20.80	21.06	
		2593 (40620)	20.59	20.73	20.64	20.54	
		2548.3(40173)	20.44	20.64	20.32	20.88	
		2503.5 (39725)	20.34	20.66	20.56	20.85	
		2682.5 (41515)	20.54	20.67	20.54	20.61	
36RB-High (38)	2637.8(41068)	20.59	20.72	20.75	20.53		
	2593 (40620)	20.78	20.67	20.53	20.76		
	2548.3(40173)	20.29	20.52	20.16	20.77		
	2503.5 (39725)	20.66	20.53	20.59	20.74		
	2682.5 (41515)	20.63	20.68	20.48	20.76		
36RB-Middle (19)	2637.8(41068)	20.82	20.48	20.50	20.66		
	2593 (40620)	20.91	20.65	20.43	20.92		
	2548.3(40173)	20.60	20.24	20.49	20.74		
	2503.5 (39725)	20.45	20.63	20.66	20.95		
	2682.5 (41515)	20.62	20.73	20.66	20.68		
36RB-Low (0)	2637.8(41068)	20.68	20.61	20.71	20.97		
	2593 (40620)	20.90	20.75	20.83	21.07		
	2548.3(40173)	20.52	20.25	20.48	20.86		
	2682.5 (41515)	20.64	20.90	20.75	20.96		

		2503.5 (39725)	20.48	20.69	20.35	20.87
	75RB (0)	2682.5 (41515)	20.51	20.36	20.61	21.02
		2637.8(41068)	20.62	20.68	20.37	20.58
		2593 (40620)	20.49	20.77	20.70	20.91
		2548.3(40173)	20.39	20.22	20.41	20.89
		2503.5 (39725)	20.74	20.76	20.63	20.91
20MHz	1RB-High (99)	2680 (41490)	20.54	20.85	20.59	20.90
		2636.5(41055)	20.58	20.78	20.52	20.66
		2593 (40620)	20.63	20.93	20.70	20.76
		2549.5(40185)	20.23	20.72	20.42	20.84
		2506 (39750)	20.41	20.67	20.64	20.87
	1RB-Middle (50)	2680 (41490)	20.55	21.04	20.55	20.79
		2636.5(41055)	20.53	20.83	20.70	20.81
		2593 (40620)	20.53	21.27	20.72	20.94
		2549.5(40185)	20.38	20.66	20.33	20.86
		2506 (39750)	20.49	21.09	20.57	20.70
	1RB-Low (0)	2680 (41490)	20.62	20.93	20.67	20.86
		2636.5(41055)	20.64	20.88	20.87	20.93
		2593 (40620)	20.65	20.93	20.72	20.73
		2549.5(40185)	20.31	20.65	20.50	20.84
		2506 (39750)	20.52	20.73	20.71	20.73
	50RB-High (50)	2680 (41490)	20.66	20.59	20.55	20.71
		2636.5(41055)	20.63	20.60	20.56	20.71
		2593 (40620)	20.68	20.63	20.61	20.90
		2549.5(40185)	20.41	20.35	20.35	20.69
		2506 (39750)	20.57	20.57	20.49	20.67
	50RB-Middle (25)	2680 (41490)	20.64	20.66	20.56	20.74
		2636.5(41055)	20.68	20.66	20.58	20.68
		2593 (40620)	20.74	20.67	20.61	20.82
		2549.5(40185)	20.40	20.41	20.38	20.87
		2506 (39750)	20.62	20.64	20.53	20.82
	50RB-Low (0)	2680 (41490)	20.65	20.65	20.56	20.79
		2636.5(41055)	20.66	20.67	20.57	20.80
		2593 (40620)	20.72	20.70	20.64	20.90
		2549.5(40185)	20.44	20.37	20.37	20.86
		2506 (39750)	20.54	20.58	20.52	20.76
100RB (0)	2680 (41490)	20.65	20.56	20.56	20.82	
	2636.5(41055)	20.65	20.61	20.52	20.73	
	2593 (40620)	20.67	20.69	20.59	20.74	
	2549.5(40185)	20.45	20.33	20.35	20.80	
	2506 (39750)	20.61	20.58	20.59	20.77	

LTE Band48(ANT5 DSI0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	23.66	22.61	21.60	18.31
		55990	23.54	22.53	21.65	18.34
		55265	23.62	22.84	21.63	18.62
	1RB-Middle (12)	56715	23.76	22.76	21.63	18.41
		55990	23.63	22.71	21.56	18.46
		55265	23.72	22.62	21.57	18.46
	1RB-Low (0)	56715	23.67	22.64	21.67	18.55
		55990	23.53	22.58	21.59	18.37
		55265	23.63	22.70	21.75	18.64
	12RB-High (13)	56715	22.76	21.84	20.73	18.55
		55990	22.59	21.63	20.62	18.38
		55265	22.73	21.71	20.96	18.58
	12RB-Middle (6)	56715	22.75	21.84	20.79	18.46
		55990	22.64	21.64	20.59	18.33
		55265	22.77	21.77	21.00	18.64
	12RB-Low (0)	56715	22.77	21.79	20.76	18.53
		55990	22.59	21.62	20.64	18.39
		55265	22.70	21.69	20.91	18.37
25RB (0)	56715	22.80	21.81	20.69	18.36	
	55990	22.60	21.58	20.61	18.36	
	55265	22.72	21.73	20.96	18.25	
10MHz	1RB-High (49)	56690	23.72	22.79	21.54	18.32
		55990	23.58	22.55	21.64	18.51
		55290	23.73	22.74	21.79	18.42
	1RB-Middle (24)	56690	23.77	22.74	21.73	18.50
		55990	23.64	22.60	21.53	18.39
		55290	23.74	22.82	21.63	18.45
	1RB-Low (0)	56690	23.83	22.74	21.67	18.62
		55990	23.67	22.72	21.45	18.64
		55290	23.68	22.71	21.66	18.59
	25RB-High (25)	56690	22.73	21.74	20.76	18.27
		55990	22.64	21.61	20.66	18.29
		55290	22.80	21.78	20.78	18.45
	25RB-Middle (12)	56690	22.80	21.79	20.80	18.38
		55990	22.68	21.66	20.67	18.47
		55290	22.77	21.77	20.77	18.31
	25RB-Low (0)	56690	22.79	21.77	20.79	18.58
		55990	22.61	21.68	20.66	18.28

		55290	22.74	21.75	20.74	18.31
	50RB (0)	56690	22.80	21.76	20.79	18.31
		55990	22.66	21.61	20.62	18.28
		55290	22.77	21.77	20.76	18.31
15MHz	1RB-High (74)	56665	23.49	22.49	21.32	18.31
		55990	23.27	22.38	21.34	18.54
		55315	23.55	22.58	21.62	18.31
	1RB-Middle (37)	56665	23.57	22.61	21.46	18.50
		55990	23.42	22.61	21.35	18.59
		55315	23.54	22.62	21.40	18.61
	1RB-Low (0)	56665	23.51	22.55	21.62	18.52
		55990	23.37	22.54	21.30	18.31
		55315	23.48	22.46	21.49	18.36
	36RB-High (38)	56665	22.68	21.62	20.70	18.50
		55990	22.51	21.50	20.50	18.41
		55315	22.70	21.71	20.71	18.58
	36RB-Middle (19)	56665	22.57	21.56	20.59	18.63
		55990	22.53	21.51	20.51	18.29
		55315	22.67	21.67	20.69	18.35
	36RB-Low (0)	56665	22.58	21.60	20.59	18.37
		55990	22.42	21.43	20.47	18.63
		55315	22.64	21.65	20.65	18.38
	75RB (0)	56665	22.58	21.60	20.63	18.25
		55990	22.45	21.43	20.45	18.47
		55315	22.66	21.64	20.71	18.53
20MHz	1RB-High (99)	56640	23.54	22.54	21.52	18.28
		55990	23.32	22.50	21.21	18.27
		55340	23.64	22.56	21.54	18.42
	1RB-Middle (50)	56640	23.60	22.82	22.02	18.38
		55990	23.48	22.50	21.38	18.63
		55340	23.54	22.77	21.71	18.54
	1RB-Low (0)	56640	23.54	22.50	21.45	18.39
		55990	23.41	22.57	21.37	18.29
		55340	23.47	22.40	21.38	18.59
	50RB-High (50)	56640	22.69	21.64	20.67	18.54
		55990	22.53	21.55	20.50	18.55
		55340	22.78	21.70	20.75	18.57
	50RB-Middle (25)	56640	22.60	21.59	20.66	18.33
		55990	22.53	21.57	20.53	18.49
		55340	22.75	21.70	20.68	18.39
50RB-Low (0)	56640	22.58	21.63	20.59	18.47	

	100RB (0)	55990	22.44	21.45	20.48	18.59
		55340	22.65	21.68	20.65	18.65
		56640	22.59	21.55	20.61	18.63
		55990	22.47	21.44	20.42	18.33
		55340	22.70	21.71	20.65	18.61

LTE Band48(ANT5 DSI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	18.79	18.76	18.61	18.56
		55990	18.53	18.73	18.7	18.32
		55265	18.96	18.68	18.76	18.6
	1RB-Middle (12)	56715	18.87	18.74	18.74	18.63
		55990	18.63	19.07	18.58	18.29
		55265	19.06	19.23	18.94	18.78
	1RB-Low (0)	56715	18.87	18.88	18.75	18.61
		55990	18.75	18.81	18.78	18.78
		55265	18.83	18.72	18.96	18.56
	12RB-High (13)	56715	18.7	18.82	18.94	18.53
		55990	18.77	18.85	19.04	18.53
		55265	19.13	18.88	19.2	18.47
	12RB-Middle (6)	56715	18.77	19.04	19.08	18.46
		55990	18.86	18.83	19.01	18.56
		55265	18.94	19.03	19.01	18.56
	12RB-Low (0)	56715	18.78	18.75	18.64	18.7
		55990	18.93	18.92	18.83	18.77
		55265	18.77	18.84	18.82	18.58
	25RB (0)	56715	18.83	18.76	19.05	18.5
		55990	18.9	18.96	18.74	18.65
		55265	18.82	18.79	19.07	18.64
10MHz	1RB-High (49)	56690	18.76	18.47	18.53	18.77
		55990	18.72	18.72	18.96	18.59
		55290	18.85	18.99	18.99	18.88
	1RB-Middle (24)	56690	18.73	18.6	18.58	18.83
		55990	18.81	19.06	18.52	18.52
		55290	18.79	19.23	18.93	18.44
	1RB-Low (0)	56690	18.77	18.97	18.94	18.45
		55990	18.69	18.88	18.54	18.56
		55290	18.75	18.79	18.68	18.6
	25RB-High (25)	56690	19.05	18.67	18.89	18.59
55990		18.79	18.74	18.7	18.67	

		55290	19.04	19.03	19.17	18.59	
	25RB-Middle (12)	56690	18.83	18.94	19.02	18.58	
		55990	18.88	18.75	18.96	18.66	
		55290	19.08	19.01	18.91	18.6	
	25RB-Low (0)	56690	18.75	18.73	18.64	18.87	
		55990	18.76	18.83	18.89	18.68	
		55290	19.16	18.78	18.83	18.78	
	50RB (0)	56690	18.78	18.83	18.8	18.46	
		55990	18.78	18.87	18.82	18.53	
		55290	19.17	18.96	18.96	18.6	
15MHz	1RB-High (74)	56665	18.51	18.84	18.51	18.8	
		55990	18.64	18.78	18.89	18.51	
		55315	19.09	18.73	18.86	18.52	
	1RB-Middle (37)	56665	18.67	18.81	18.76	18.77	
		55990	18.63	19.2	18.56	18.32	
		55315	18.9	19.08	18.98	18.75	
	1RB-Low (0)	56665	18.77	19.04	18.85	18.75	
		55990	18.63	19.08	18.77	18.51	
		55315	18.63	18.77	19	18.37	
	36RB-High (38)	56665	18.95	18.91	19	18.69	
		55990	18.85	18.91	18.82	18.8	
		55315	19.02	19.13	19.04	18.62	
	36RB-Middle (19)	56665	18.76	18.82	18.71	18.56	
		55990	18.89	18.74	18.71	18.58	
		55315	19.03	18.94	19.17	18.51	
	36RB-Low (0)	56665	18.96	18.8	18.84	18.54	
		55990	18.86	18.78	18.78	18.71	
		55315	19	19.14	19.06	18.53	
	75RB (0)	56665	19.01	18.93	18.72	18.32	
		55990	18.7	18.65	18.93	18.75	
		55315	18.83	19.06	18.98	18.76	
	20MHz	1RB-High (99)	56640	18.69	18.65	18.54	18.73
			55990	18.72	18.84	18.84	18.48
			55340	18.9	18.87	18.84	18.72
1RB-Middle (50)		56640	18.79	18.74	18.62	18.68	
		55990	18.79	19.01	18.7	18.48	
		55340	18.88	19.03	18.87	18.58	
1RB-Low (0)		56640	18.89	18.92	18.76	18.55	
		55990	18.75	18.89	18.72	18.65	
		55340	18.79	18.9	18.82	18.51	
50RB-High (50)		56640	18.88	18.77	18.83	18.6	

		55990	18.91	18.92	18.88	18.65
		55340	18.99	19	19	18.62
		56640	18.85	18.84	18.9	18.62
	50RB-Middle (25)	55990	18.79	18.8	18.82	18.56
		55340	18.95	18.99	19.02	18.59
		56640	18.79	18.76	18.78	18.7
	50RB-Low (0)	55990	18.79	18.81	18.82	18.75
		55340	18.96	18.98	18.97	18.58
		56640	18.86	18.83	18.87	18.52
	100RB (0)	55990	18.79	18.79	18.76	18.71
		55340	18.97	18.94	18.99	18.57

LTE Band48(ANT5 DSI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	56715	16.59	16.67	16.69	16.55	
		55990	16.87	16.42	16.48	16.64	
		55265	16.44	16.87	16.85	16.65	
	1RB-Middle (12)	56715	16.33	16.32	16.74	16.48	
		55990	16.75	16.62	16.74	16.41	
		55265	16.56	16.61	16.63	16.39	
	1RB-Low (0)	56715	16.69	16.54	16.66	16.53	
		55990	16.37	16.46	16.37	16.56	
		55265	16.77	16.65	16.75	16.38	
	12RB-High (13)	56715	16.34	16.73	16.43	16.51	
		55990	16.31	16.6	16.32	16.61	
		55265	16.51	16.36	16.44	16.57	
	12RB-Middle (6)	56715	16.65	16.87	16.45	16.44	
		55990	16.82	16.53	16.61	16.63	
		55265	16.79	16.49	16.73	16.56	
	12RB-Low (0)	56715	16.34	16.44	16.42	16.63	
		55990	16.81	16.65	16.35	16.56	
		55265	16.82	16.46	16.75	16.35	
	25RB (0)	56715	16.58	16.46	16.37	16.48	
		55990	16.52	16.71	16.38	16.36	
		55265	16.53	16.72	16.53	16.5	
	10MHz	1RB-High (49)	56690	16.35	16.5	16.88	16.43
			55990	16.43	16.51	16.73	16.36
			55290	16.51	16.84	16.61	16.47
1RB-Middle (24)		56690	16.53	16.69	16.46	16.49	
		55990	16.89	16.42	16.64	16.36	

		55290	16.85	16.79	16.87	16.44
	1RB-Low (0)	56690	16.74	16.7	16.49	16.38
		55990	16.47	16.87	16.3	16.54
		55290	16.7	16.71	16.42	16.63
	25RB-High (25)	56690	16.7	16.48	16.74	16.65
		55990	16.3	16.54	16.61	16.44
		55290	16.76	16.63	16.77	16.64
	25RB-Middle (12)	56690	16.67	16.69	16.84	16.52
		55990	16.82	16.51	16.42	16.46
		55290	16.49	16.89	16.86	16.5
	25RB-Low (0)	56690	16.71	16.39	16.66	16.55
		55990	16.55	16.73	16.63	16.47
		55290	16.52	16.66	16.76	16.54
	50RB (0)	56690	16.76	16.44	16.46	16.44
		55990	16.55	16.78	16.33	16.35
		55290	16.58	16.46	16.6	16.57
15MHz	1RB-High (74)	56665	16.82	16.6	16.81	16.61
		55990	16.41	16.82	16.32	16.6
		55315	16.7	16.76	16.75	16.55
	1RB-Middle (37)	56665	16.66	16.74	16.49	16.38
		55990	16.34	16.79	16.74	16.47
		55315	16.69	16.58	16.6	16.55
	1RB-Low (0)	56665	16.61	16.61	16.45	16.45
		55990	16.48	16.39	16.33	16.55
		55315	16.74	16.5	16.89	16.44
	36RB-High (38)	56665	16.67	16.9	16.53	16.43
		55990	16.31	16.88	16.62	16.37
		55315	16.58	16.37	16.37	16.65
	36RB-Middle (19)	56665	16.35	16.47	16.73	16.37
		55990	16.39	16.86	16.78	16.56
		55315	16.43	16.46	16.62	16.61
	36RB-Low (0)	56665	16.71	16.8	16.77	16.58
		55990	16.53	16.7	16.61	16.64
		55315	16.8	16.31	16.4	16.46
75RB (0)	56665	16.51	16.44	16.58	16.52	
	55990	16.33	16.47	16.39	16.35	
	55315	16.67	16.36	16.7	16.51	
20MHz	1RB-High (99)	56640	16.47	16.56	16.36	16.55
		55990	16.48	16.48	16.5	16.43
		55340	16.68	16.71	16.78	16.54
	1RB-Middle (50)	56640	16.49	16.74	16.5	16.44

		55990	16.51	16.51	16.51	16.52	
		55340	16.69	16.68	16.72	16.6	
	1RB-Low (0)	56640	16.6	16.5	16.41	16.52	
		55990	16.53	16.5	16.62	16.59	
	50RB-High (50)	55340	16.64	16.81	16.54	16.54	
		56640	16.62	16.62	16.61	16.49	
		55990	16.64	16.64	16.66	16.52	
	50RB-Middle (25)	55340	16.86	16.87	16.86	16.55	
		56640	16.64	16.66	16.62	16.48	
		55990	16.68	16.62	16.63	16.46	
	50RB-Low (0)	55340	16.87	16.87	16.83	16.6	
		56640	16.64	16.63	16.63	16.58	
		55990	16.6	16.53	16.53	16.56	
	100RB (0)	55340	16.85	16.88	16.84	16.54	
		56640	16.6	16.63	16.65	16.4	
		55990	16.54	16.54	16.5	16.54	
			55340	16.83	16.8	16.8	16.4

LTE Band48(ANT5 DSI8)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	21.36	21.11	21.3	18.49
		55990	21.06	21.22	21.1	18.58
		55265	21.32	21.35	21.27	18.33
	1RB-Middle (12)	56715	21.23	21.35	21.03	18.72
		55990	21.37	21.4	21.19	18.54
		55265	21.55	21.38	21.16	18.61
	1RB-Low (0)	56715	21.44	21.37	21.39	18.5
		55990	21.04	21.45	21.41	18.58
		55265	21.12	21.47	21.5	18.75
	12RB-High (13)	56715	21.31	21.43	21.09	18.64
		55990	21.38	21.43	21.39	18.39
		55265	21.53	21.25	21.6	18.6
	12RB-Middle (6)	56715	21.38	21.28	21.25	18.67
		55990	21.17	21.18	21.25	18.54
		55265	21.42	21.3	21.63	18.69
	12RB-Low (0)	56715	21.44	21.27	21.19	18.48
		55990	21.28	21.37	21.41	18.32
		55265	21.59	21.47	21.37	18.54
25RB (0)	56715	21.48	21.37	21.39	18.87	
	55990	21.27	21.14	21.25	18.7	

		55265	21.5	21.35	21.53	18.41
10MHz	1RB-High (49)	56690	21.12	21.1	21.3	18.63
		55990	21.1	21.18	21.19	18.31
		55290	21.48	21.44	21.2	18.51
	1RB-Middle (24)	56690	21.15	21.31	21.02	18.67
		55990	21.46	21.39	21.26	18.5
		55290	21.32	21.41	21.28	18.51
	1RB-Low (0)	56690	21.14	21.44	21.16	18.74
		55990	21.12	21.28	21.46	18.61
		55290	21.17	21.31	21.29	18.7
	25RB-High (25)	56690	21.18	21.27	21.4	18.46
		55990	21.39	21.12	21.4	18.58
		55290	21.61	21.31	21.59	18.35
	25RB-Middle (12)	56690	21.14	21.35	21.27	18.53
		55990	21.15	21.14	21.48	18.49
		55290	21.37	21.58	21.51	18.56
	25RB-Low (0)	56690	21.24	21.16	21.4	18.57
		55990	21.24	21.05	21.4	18.44
		55290	21.42	21.66	21.61	18.81
	50RB (0)	56690	21.5	21.26	21.52	18.54
		55990	21.5	21.15	21.22	18.42
55290		21.48	21.37	21.55	18.57	
15MHz	1RB-High (74)	56665	21.37	21.19	21.03	18.59
		55990	21.31	21.33	21.13	18.58
		55315	21.43	21.11	21.33	18.31
	1RB-Middle (37)	56665	21.41	21.24	21.1	18.85
		55990	21.27	21.55	21.11	18.81
		55315	21.2	21.27	21.17	18.52
	1RB-Low (0)	56665	21.26	21.55	21.47	18.58
		55990	21.13	21.24	21.32	18.59
		55315	21.26	21.35	21.18	18.71
	36RB-High (38)	56665	21.36	21.3	21.41	18.58
		55990	21.37	21.51	21.42	18.7
		55315	21.67	21.61	21.69	18.4
	36RB-Middle (19)	56665	21.28	21.51	21.32	18.75
		55990	21.08	21.15	21.35	18.68
		55315	21.27	21.46	21.3	18.47
	36RB-Low (0)	56665	21.18	21.38	21.47	18.77
		55990	21.34	21.41	21.37	18.48
		55315	21.72	21.63	21.57	18.58
	75RB (0)	56665	21.39	21.24	21.34	18.52

		55990	21.25	21.3	21.25	18.47
		55315	21.37	21.34	21.55	18.42
20MHz	1RB-High (99)	56640	21.22	21.11	21.2	18.64
		55990	21.24	21.31	21.23	18.47
		55340	21.34	21.3	21.33	18.48
	1RB-Middle (50)	56640	21.28	21.23	21.19	18.74
		55990	21.29	21.36	21.27	18.67
		55340	21.4	21.4	21.23	18.46
	1RB-Low (0)	56640	21.31	21.4	21.32	18.68
		55990	21.22	21.33	21.34	18.71
		55340	21.32	21.38	21.33	18.65
	50RB-High (50)	56640	21.33	21.26	21.29	18.62
		55990	21.37	21.32	21.34	18.56
		55340	21.48	21.45	21.5	18.54
	50RB-Middle (25)	56640	21.33	21.31	21.33	18.6
		55990	21.25	21.23	21.31	18.52
		55340	21.46	21.44	21.47	18.53
	50RB-Low (0)	56640	21.35	21.27	21.28	18.61
		55990	21.38	21.24	21.25	18.45
		55340	21.55	21.48	21.42	18.71
	100RB (0)	56640	21.31	21.31	21.36	18.67
		55990	21.31	21.26	21.27	18.58
		55340	21.49	21.46	21.44	18.53

LTE Band48(ANT5 DSI13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	19.37	19.54	19.41	18.79
		55990	19.45	19.33	19.42	18.76
		55265	19.37	19.41	19.55	18.79
	1RB-Middle (12)	56715	19.39	19.47	19.32	18.8
		55990	19.57	19.43	19.57	18.78
		55265	19.56	19.34	19.59	18.8
	1RB-Low (0)	56715	19.48	19.56	19.59	18.66
		55990	19.4	19.39	19.34	18.77
		55265	19.58	19.5	19.43	18.9
	12RB-High (13)	56715	19.34	19.53	19.32	18.66
		55990	19.36	19.47	19.49	18.93
		55265	19.48	19.43	19.52	18.94
	12RB-Middle (6)	56715	19.39	19.44	19.44	18.78
		55990	19.51	19.32	19.43	18.79

		55265	19.35	19.46	19.45	18.76
	12RB-Low (0)	56715	19.45	19.53	19.41	18.68
		55990	19.32	19.35	19.57	18.66
		55265	19.49	19.32	19.5	18.92
	25RB (0)	56715	19.34	19.51	19.42	18.9
		55990	19.49	19.39	19.38	18.66
		55265	19.34	19.51	19.38	18.88
10MHz	1RB-High (49)	56690	19.39	19.33	19.32	18.67
		55990	19.36	19.45	19.48	18.78
		55290	19.32	19.59	19.5	18.86
	1RB-Middle (24)	56690	19.58	19.57	19.56	18.83
		55990	19.46	19.6	19.58	18.75
		55290	19.44	19.3	19.5	18.91
	1RB-Low (0)	56690	19.44	19.42	19.44	18.95
		55990	19.58	19.56	19.56	18.71
		55290	19.55	19.59	19.35	18.89
	25RB-High (25)	56690	19.53	19.43	19.48	18.73
		55990	19.35	19.47	19.31	18.79
		55290	19.45	19.36	19.42	18.94
	25RB-Middle (12)	56690	19.38	19.56	19.35	18.76
		55990	19.38	19.55	19.48	18.9
		55290	19.51	19.59	19.41	18.77
	25RB-Low (0)	56690	19.55	19.31	19.37	18.81
		55990	19.6	19.49	19.46	18.91
		55290	19.3	19.51	19.43	18.73
	50RB (0)	56690	19.55	19.4	19.43	18.89
		55990	19.55	19.4	19.54	18.84
		55290	19.48	19.32	19.43	18.84
15MHz	1RB-High (74)	56665	19.34	19.54	19.39	18.75
		55990	19.45	19.5	19.58	18.86
		55315	19.38	19.49	19.54	18.95
	1RB-Middle (37)	56665	19.59	19.6	19.31	18.7
		55990	19.35	19.5	19.56	18.78
		55315	19.55	19.32	19.46	18.83
	1RB-Low (0)	56665	19.44	19.56	19.55	18.78
		55990	19.56	19.54	19.52	18.67
		55315	19.55	19.52	19.3	18.84
	36RB-High (38)	56665	19.53	19.3	19.44	18.9
		55990	19.41	19.3	19.44	18.78
		55315	19.52	19.46	19.57	18.89
36RB-Middle (19)	56665	19.59	19.48	19.38	18.76	

	36RB-Low (0)	55990	19.47	19.43	19.5	18.89	
		55315	19.33	19.34	19.37	18.87	
		56665	19.37	19.54	19.32	18.67	
	75RB (0)	55990	19.53	19.53	19.36	18.88	
		55315	19.57	19.54	19.37	18.87	
		56665	19.59	19.47	19.39	18.78	
	20MHz	1RB-High (99)	55990	19.34	19.55	19.55	18.76
			55315	19.33	19.55	19.42	18.9
			56640	19.53	19.53	19.49	18.73
1RB-Middle (50)		55990	19.42	19.48	19.34	18.92	
		55340	19.6	19.6	19.55	18.85	
		56640	19.65	19.63	19.74	18.67	
1RB-Low (0)		55990	19.5	19.73	19.85	18.76	
		55340	19.56	19.52	19.58	18.85	
		56640	19.64	19.61	19.48	18.89	
50RB-High (50)		55990	19.54	19.47	19.5	18.94	
		55340	19.52	19.46	19.43	18.9	
		56640	19.62	19.68	19.63	18.79	
50RB-Middle (25)		55990	19.57	19.59	19.58	18.81	
		55340	19.61	19.68	19.68	18.67	
		56640	19.61	19.69	19.7	18.68	
50RB-Low (0)		55990	19.59	19.61	19.61	18.94	
		55340	19.61	19.67	19.7	18.81	
		56640	19.64	19.65	19.66	18.78	
100RB (0)		55990	19.52	19.49	19.48	18.69	
		55340	19.6	19.61	19.62	18.72	
		56640	19.71	19.65	19.7	18.72	
			55990	19.48	19.51	19.52	18.77
			55340	19.66	19.61	19.66	18.89
			56640	19.71	19.65	19.7	18.72

LTE Band48(ANT7 DSI0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	22.73	21.78	20.97	18.32
		55990	22.96	21.89	21.03	18.31
		55265	23.12	22.12	21.28	18.23
	1RB-Middle (12)	56715	22.76	21.74	20.89	18.23
		55990	22.94	22.08	21.29	18.08
		55265	23.13	22.33	21.42	18.11
	1RB-Low (0)	56715	22.71	21.63	20.79	18.14
		55990	22.90	21.90	20.99	18.10

		55265	23.06	21.97	21.19	18.38
	12RB-High (13)	56715	21.79	20.75	19.90	18.08
		55990	21.99	20.95	20.17	18.35
		55265	22.12	21.07	20.12	18.11
	12RB-Middle (6)	56715	21.82	20.85	19.98	18.30
		55990	22.00	20.98	20.04	18.17
		55265	22.14	21.14	20.20	18.38
	12RB-Low (0)	56715	21.77	20.77	19.87	18.19
		55990	21.96	20.94	20.05	18.19
		55265	22.11	21.15	20.21	18.11
	25RB (0)	56715	21.80	20.77	19.83	18.40
		55990	22.00	20.99	20.08	18.05
		55265	22.13	21.12	20.36	18.17
10MHz	1RB-High (49)	56690	22.72	21.77	20.89	18.21
		55990	23.01	22.02	21.08	18.08
		55290	23.11	22.08	21.20	18.07
	1RB-Middle (24)	56690	22.77	21.87	20.99	18.06
		55990	23.08	21.99	21.09	18.34
		55290	23.17	22.19	21.28	18.37
	1RB-Low (0)	56690	22.72	21.93	21.07	18.38
		55990	22.94	22.04	21.23	18.14
		55290	23.14	22.16	21.37	18.06
	25RB-High (25)	56690	21.76	20.82	20.01	18.38
		55990	22.01	21.05	20.30	18.12
		55290	22.18	21.18	20.32	18.22
	25RB-Middle (12)	56690	21.82	20.83	20.06	18.02
		55990	22.05	21.09	20.17	18.10
		55290	22.18	21.20	20.26	18.09
	25RB-Low (0)	56690	21.79	20.78	19.96	18.30
		55990	21.98	20.98	20.16	18.30
		55290	22.15	21.16	20.37	18.30
	50RB (0)	56690	21.80	20.83	19.91	18.27
		55990	22.02	21.04	20.25	18.09
		55290	22.17	21.17	20.30	18.05
15MHz	1RB-High (74)	56665	22.65	21.56	20.72	18.34
		55990	22.75	21.82	20.87	18.39
		55315	22.84	21.96	21.14	18.35
	1RB-Middle (37)	56665	22.57	21.78	20.98	18.09
		55990	22.75	21.84	21.09	18.17
		55315	22.91	22.11	21.25	18.16
1RB-Low (0)	56665	22.61	21.59	20.71	18.15	

		55990	22.72	21.80	20.98	18.26	
		55315	22.94	22.04	21.18	18.05	
	36RB-High (38)	56665	21.71	20.71	19.95	18.41	
		55990	21.89	20.87	19.99	18.05	
	36RB-Middle (19)	55315	22.06	21.00	20.18	18.04	
		56665	21.59	20.59	19.72	18.18	
		55990	21.90	20.88	19.93	18.42	
	36RB-Low (0)	55315	22.04	20.98	20.08	18.11	
		56665	21.69	20.60	19.75	18.21	
		55990	21.76	20.79	19.96	18.10	
	75RB (0)	55315	22.02	21.02	20.13	18.34	
		56665	21.67	20.60	19.65	18.37	
		55990	21.81	20.79	19.85	18.41	
	20MHz	1RB-High (99)	55315	22.02	20.99	20.16	18.26
			56665	21.67	20.60	19.65	18.37
55990			21.81	20.79	19.85	18.41	
1RB-Middle (50)		56640	22.79	21.57	20.70	18.29	
		55990	22.79	21.86	21.03	18.24	
		55340	22.88	21.96	21.07	18.27	
1RB-Low (0)		56640	22.79	21.78	20.94	18.03	
		55990	22.81	21.82	20.88	18.37	
		55340	22.96	21.93	21.03	18.25	
50RB-High (50)		56640	22.66	21.70	20.93	18.18	
		55990	22.71	21.77	20.85	18.15	
		55340	22.88	21.96	21.17	18.03	
50RB-Middle (25)		56640	21.91	20.73	19.95	18.16	
		55990	21.89	20.94	20.08	18.31	
		55340	22.03	21.05	20.25	18.03	
50RB-Low (0)		56640	21.89	20.63	19.75	18.32	
		55990	21.87	20.92	20.10	18.06	
		55340	22.05	21.05	20.25	18.26	
100RB (0)		56640	21.79	20.67	19.72	18.03	
		55990	21.78	20.80	19.91	18.41	
		55340	22.04	21.04	20.26	18.11	
			56640	21.82	20.64	19.72	18.38
			55990	21.82	20.79	19.86	18.14
			55340	22.05	21.03	20.10	18.12

LTE Band48(ANT7 DSI2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	17.29	17.67	17.59	17.75
		55990	17.68	17.66	17.43	17.73
		55265	17.81	18.03	17.68	17.82
	1RB-Middle (12)	56715	17.71	17.68	17.5	17.61
		55990	17.51	17.48	17.43	17.66
		55265	17.9	17.92	17.77	17.62
	1RB-Low (0)	56715	17.36	17.38	17.46	17.59
		55990	17.5	17.43	17.53	17.6
		55265	17.99	17.8	17.7	17.45
	12RB-High (13)	56715	17.46	17.47	17.5	17.45
		55990	17.81	17.87	17.8	17.67
		55265	17.93	18.03	17.76	17.96
	12RB-Middle (6)	56715	17.59	17.63	17.68	17.53
		55990	17.63	17.44	17.69	17.86
		55265	18.05	17.9	17.87	17.75
	12RB-Low (0)	56715	17.53	17.53	17.57	17.86
		55990	17.82	17.58	17.59	17.87
		55265	17.97	17.83	17.86	17.75
	25RB (0)	56715	17.62	17.61	17.42	17.61
		55990	17.71	17.74	17.57	17.86
		55265	18.22	17.69	17.89	17.76
10MHz	1RB-High (49)	56690	17.55	17.54	17.55	17.7
		55990	17.87	17.69	17.61	17.76
		55290	17.76	17.91	17.78	17.77
	1RB-Middle (24)	56690	17.59	17.46	17.5	17.72
		55990	17.72	17.67	17.49	17.73
		55290	17.85	17.9	17.63	17.96
	1RB-Low (0)	56690	17.57	17.42	17.62	17.9
		55990	17.61	17.53	17.6	17.65
		55290	17.85	17.94	17.74	17.45
	25RB-High (25)	56690	17.73	17.69	17.6	17.48
		55990	17.76	17.88	17.82	17.67
		55290	17.88	18.11	17.96	17.73
	25RB-Middle (12)	56690	17.64	17.45	17.79	17.48
		55990	17.92	17.52	17.72	17.81
		55290	17.93	17.77	17.85	17.51
	25RB-Low (0)	56690	17.7	17.41	17.43	18.01
		55990	17.81	17.46	17.47	17.73

		55290	18.01	17.89	17.91	17.56
	50RB (0)	56690	17.63	17.55	17.49	17.47
		55990	17.85	17.46	17.75	17.74
		55290	18.24	17.81	17.91	17.63
15MHz	1RB-High (74)	56665	17.63	17.33	17.51	17.89
		55990	17.84	17.81	17.69	17.91
		55315	18.1	17.86	17.59	17.81
	1RB-Middle (37)	56665	17.67	17.57	17.82	17.71
		55990	17.57	17.65	17.51	17.62
		55315	17.89	17.98	17.91	17.66
	1RB-Low (0)	56665	17.38	17.68	17.64	17.76
		55990	17.71	17.48	17.32	17.62
		55315	17.82	17.85	17.66	17.7
	36RB-High (38)	56665	17.63	17.79	17.56	17.4
		55990	17.99	17.54	17.85	17.76
		55315	18.18	18.05	17.94	17.86
	36RB-Middle (19)	56665	17.74	17.45	17.83	17.62
		55990	17.6	17.43	17.43	17.67
		55315	18.12	18.06	17.78	17.6
	36RB-Low (0)	56665	17.5	17.65	17.41	17.99
		55990	17.63	17.79	17.77	17.68
		55315	17.95	17.98	17.73	17.89
	75RB (0)	56665	17.5	17.55	17.66	17.74
		55990	17.88	17.45	17.55	17.81
		55315	18.13	17.84	17.96	17.69
20MHz	1RB-High (99)	56640	17.47	17.51	17.55	17.78
		55990	17.67	17.7	17.58	17.72
		55340	17.9	17.84	17.66	17.8
	1RB-Middle (50)	56640	17.57	17.56	17.66	17.58
		55990	17.89	17.63	17.61	17.7
		55340	17.93	17.99	17.78	17.82
	1RB-Low (0)	56640	17.86	17.52	17.58	17.78
		55990	17.65	17.56	17.52	17.78
		55340	17.96	17.96	17.73	17.55
	50RB-High (50)	56640	17.63	17.64	17.59	17.59
		55990	17.97	17.73	17.73	17.59
		55340	18.05	17.91	17.88	17.85
	50RB-Middle (25)	56640	17.85	17.61	17.64	17.68
		55990	17.74	17.63	17.61	17.82
		55340	18.06	17.95	17.9	17.57
50RB-Low (0)	56640	17.64	17.59	17.59	17.82	

		55990	17.67	17.63	17.59	17.73
		55340	18.02	17.92	17.87	17.72
	100RB (0)	56640	17.55	17.62	17.62	17.59
		55990	17.69	17.64	17.58	17.84
		55340	18.07	17.89	17.88	17.69

LTE Band48(ANT7 DSI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	16.1	16.05	15.92	15.74
		55990	16.2	15.88	15.82	15.86
		55265	15.94	15.99	16.04	15.73
	1RB-Middle (12)	56715	16.12	16	15.85	15.89
		55990	16.07	15.87	15.95	15.76
		55265	15.86	15.85	15.77	15.87
	1RB-Low (0)	56715	16.18	15.91	15.8	15.75
		55990	16.15	15.77	15.76	15.87
		55265	15.92	15.98	15.99	15.65
	12RB-High (13)	56715	15.89	15.81	15.91	15.72
		55990	16.13	16	16.08	15.65
		55265	15.85	15.97	16.03	15.79
	12RB-Middle (6)	56715	15.95	15.74	16.14	15.69
		55990	15.87	16.02	15.99	15.73
		55265	15.99	15.86	15.89	15.84
	12RB-Low (0)	56715	16.2	15.85	15.77	15.66
		55990	16	16	15.75	15.71
		55265	16.21	16.03	16.13	15.66
25RB (0)	56715	15.89	15.67	15.82	15.65	
	55990	16.14	15.74	16.07	15.92	
	55265	15.96	15.94	16	15.8	
10MHz	1RB-High (49)	56690	15.9	16.04	16.15	15.71
		55990	15.89	15.7	15.89	15.72
		55290	15.95	16	15.97	15.7
	1RB-Middle (24)	56690	15.96	15.78	15.92	15.85
		55990	15.89	15.71	16.08	15.71
		55290	15.91	15.8	16.03	15.78
	1RB-Low (0)	56690	16.25	15.79	16.12	15.86
		55990	16.24	15.65	15.98	15.76
		55290	16.08	15.65	15.76	15.72
25RB-High (25)	56690	16.17	15.86	15.77	15.94	
	55990	15.97	15.85	16.06	15.7	

	25RB-Middle (12)	55290	16.02	15.76	15.92	15.8
		56690	16.25	15.73	16.03	15.72
		55990	16.15	15.75	15.85	15.81
	25RB-Low (0)	55290	16.01	15.81	16.02	15.69
		56690	16.03	15.69	15.94	15.78
		55990	15.97	15.72	16.13	15.67
	50RB (0)	55290	15.98	15.72	15.85	15.84
		56690	15.89	15.66	15.99	15.9
		55990	15.92	15.93	15.83	15.91
15MHz	1RB-High (74)	55290	16.2	16	16.07	15.82
		56665	16.04	15.71	15.76	15.85
		55990	16.12	15.93	15.95	15.81
	1RB-Middle (37)	55315	16.16	15.91	15.78	15.81
		56665	16.12	15.66	15.81	15.74
		55990	16.21	16	15.75	15.76
	1RB-Low (0)	55315	16.24	15.77	15.78	15.8
		56665	16.25	15.96	15.97	15.76
		55990	15.96	15.73	15.95	15.73
	36RB-High (38)	55315	16.14	15.93	15.94	15.75
		56665	15.96	15.98	15.95	15.85
		55990	16.21	16.03	16.13	15.76
	36RB-Middle (19)	55315	16.12	15.81	15.9	15.93
		56665	15.94	15.82	15.75	15.88
		55990	16.15	15.98	16.06	15.95
	36RB-Low (0)	55315	16.1	15.82	15.86	15.66
		56665	16.09	16	16.02	15.95
		55990	15.88	15.89	15.85	15.9
	75RB (0)	55315	16.2	15.75	15.93	15.91
		56665	16.14	15.78	15.96	15.71
		55990	15.99	16	15.93	15.86
20MHz	1RB-High (99)	55315	16.21	15.96	15.91	15.9
		56640	16.1	15.83	15.62	15.81
		55990	15.71	15.68	15.62	15.72
	1RB-Middle (50)	55340	16.02	16.17	15.92	15.83
		56640	16.16	15.97	15.81	15.86
		55990	15.72	16.02	15.68	15.92
	1RB-Low (0)	55340	16.01	16.23	16.05	15.8
		56640	16.14	15.95	15.82	15.65
		55990	15.76	15.88	15.62	15.7
50RB-High (50)	55340	15.93	15.95	16.01	15.74	
	56640	16.23	15.95	15.93	15.73	

		55990	15.79	15.77	15.77	15.83
		55340	16.15	16.18	16.12	15.82
		56640	16.18	15.92	15.88	15.75
	50RB-Middle (25)	55990	15.8	15.81	15.82	15.94
		55340	16.1	16.12	16.11	15.77
		56640	16.18	15.93	15.92	15.72
	50RB-Low (0)	55990	15.85	15.81	15.87	15.89
		55340	16.09	16.05	16.05	15.9
		56640	15.93	15.87	15.87	15.83
	100RB (0)	55990	15.83	15.81	15.78	15.82
		55340	16.1	16.05	16.13	15.84
		56640	15.93	15.87	15.87	15.83

LTE Band48(ANT7 DS18)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	56715	22.1	21.82	21.75	18.42	
		55990	22.6	22.76	22.41	18.32	
		55265	22.26	22.63	22.24	18.15	
	1RB-Middle (12)	56715	22.23	21.92	21.94	18.42	
		55990	22.63	22.33	22.3	18.42	
		55265	22.43	22.27	21.99	18.54	
	1RB-Low (0)	56715	22.38	22	21.88	18.57	
		55990	22.47	22.35	22.17	18.49	
		55265	22.59	22.21	22.17	18.57	
	12RB-High (13)	56715	21.94	21.03	21.04	18.25	
		55990	22.54	21.54	21.49	18.28	
		55265	22.45	21.12	21.17	18.4	
	12RB-Middle (6)	56715	22.15	21.06	21.15	18.46	
		55990	22.35	21.4	21.6	18.51	
		55265	22.39	21.35	21.44	18.5	
	12RB-Low (0)	56715	22.01	20.99	21.11	18.46	
		55990	22.34	21.56	21.38	18.39	
		55265	22.3	21.22	21.35	18.55	
	25RB (0)	56715	22.05	21.2	20.96	18.69	
		55990	22.48	21.65	21.32	18.07	
		55265	22.31	21.24	21.36	18.47	
	10MHz	1RB-High (49)	56690	22.15	21.86	21.81	18.43
			55990	22.49	22.74	22.51	18.35
			55290	22.24	22.41	22.4	18.38
1RB-Middle (24)		56690	22.07	21.95	21.94	18.38	
		55990	22.43	22.41	22.61	18.54	

		55290	22.42	22.57	22.29	18.47
	1RB-Low (0)	56690	22.34	22.08	21.73	18.51
		55990	22.55	22.34	22.42	18.31
		55290	22.5	22.24	22.25	18.62
	25RB-High (25)	56690	22.28	20.9	21.25	18.59
		55990	22.41	21.5	21.39	18.24
		55290	22.35	21.37	21.45	18.67
	25RB-Middle (12)	56690	22.19	21.05	21.01	18.53
		55990	22.64	21.3	21.63	18.48
		55290	22.2	21.23	21.5	18.55
	25RB-Low (0)	56690	22.14	21.24	21.11	18.43
		55990	22.33	21.33	21.47	18.46
		55290	22.23	21.12	21.23	18.33
	50RB (0)	56690	22.11	20.91	21.06	18.5
		55990	22.29	21.53	21.39	18.18
		55290	22.26	21.34	21.14	18.42
15MHz	1RB-High (74)	56665	22.31	21.9	21.69	18.59
		55990	22.78	22.71	22.41	18.14
		55315	22.62	22.38	22.18	18.27
	1RB-Middle (37)	56665	22.09	22.23	21.87	18.33
		55990	22.67	22.64	22.48	18.5
		55315	22.42	22.37	22.1	18.4
	1RB-Low (0)	56665	22.38	22.06	22.02	18.67
		55990	22.73	22.55	22.22	18.64
		55315	22.58	22.19	22.19	18.32
	36RB-High (38)	56665	22.11	20.96	21	18.3
		55990	22.43	21.67	21.5	18.25
		55315	22.27	21.28	21.47	18.69
	36RB-Middle (19)	56665	21.89	20.9	21.18	18.26
		55990	22.52	21.37	21.61	18.51
		55315	22.28	21.44	21.48	18.5
	36RB-Low (0)	56665	22.11	21.23	20.99	18.24
		55990	22.25	21.48	21.32	18.63
		55315	22.16	21.47	21.26	18.47
75RB (0)	56665	22.11	21.2	20.88	18.59	
	55990	22.33	21.6	21.59	18.28	
	55315	22.46	21.13	21.25	18.27	
20MHz	1RB-High (99)	56640	22.23	21.93	21.81	18.53
		55990	22.62	22.59	22.31	18.32
		55340	22.42	22.56	22.25	18.29
	1RB-Middle (50)	56640	22.26	22.05	22.03	18.35

	1RB-Low (0)	55990	22.62	22.51	22.47	18.5	
		55340	22.42	22.39	22.16	18.42	
		56640	22.3	22.07	21.93	18.52	
	50RB-High (50)	55990	22.65	22.44	22.35	18.44	
		55340	22.5	22.26	22.25	18.52	
		56640	22.11	21.09	21.08	18.43	
	50RB-Middle (25)	55990	22.55	21.52	21.54	18.4	
		55340	22.32	21.29	21.3	18.52	
		56640	22.08	21.07	21.03	18.4	
	50RB-Low (0)	55990	22.49	21.45	21.47	18.32	
		55340	22.34	21.35	21.39	18.48	
		56640	22.06	21.09	21.07	18.3	
	100RB (0)	55990	22.44	21.43	21.43	18.48	
		55340	22.29	21.29	21.29	18.39	
		56640	22.09	21.04	21.08	18.53	
			55990	22.46	21.47	21.46	18.27
			55340	22.33	21.33	21.33	18.31
			56640	22.09	21.04	21.08	18.53

LTE Band48(ANT7 DSI13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	21.12	21.27	21.18	18.52
		55990	21.14	21.33	21.08	18.54
		55265	21.16	21.1	21.28	18.48
	1RB-Middle (12)	56715	21.14	21.32	21.3	18.38
		55990	21.19	21.11	21.32	18.44
		55265	21.16	21.25	21.11	18.31
	1RB-Low (0)	56715	21.14	21.34	21.17	18.34
		55990	21.1	21.13	21.34	18.29
		55265	21.21	21.36	21.06	18.41
	12RB-High (13)	56715	21.35	21.12	21.23	18.51
		55990	21.17	21.19	21.07	18.55
		55265	21.11	21.07	21.18	18.33
	12RB-Middle (6)	56715	21.27	21.3	21.17	18.29
		55990	21.22	21.07	21.34	18.45
		55265	21.19	21.11	21.09	18.4
	12RB-Low (0)	56715	21.24	21.15	21.2	18.41
		55990	21.14	21.26	21.28	18.33
		55265	21.08	21.16	21.32	18.28
	25RB (0)	56715	21.25	21.17	21.16	18.51
		55990	21.12	21.36	21.36	18.25

		55265	21.13	21.15	21.18	18.47
10MHz	1RB-High (49)	56690	21.34	21.21	21.34	18.34
		55990	21.06	21.22	21.1	18.52
		55290	21.26	21.07	21.26	18.47
	1RB-Middle (24)	56690	21.24	21.2	21.33	18.28
		55990	21.19	21.14	21.26	18.42
		55290	21.08	21.33	21.27	18.34
	1RB-Low (0)	56690	21.23	21.15	21.16	18.32
		55990	21.28	21.36	21.17	18.3
		55290	21.07	21.18	21.06	18.53
	25RB-High (25)	56690	21.09	21.34	21.23	18.26
		55990	21.07	21.17	21.23	18.5
		55290	21.22	21.22	21.12	18.28
	25RB-Middle (12)	56690	21.19	21.35	21.14	18.49
		55990	21.32	21.2	21.26	18.41
		55290	21.12	21.19	21.1	18.31
	25RB-Low (0)	56690	21.1	21.34	21.19	18.47
		55990	21.16	21.26	21.17	18.46
		55290	21.2	21.22	21.35	18.51
	50RB (0)	56690	21.31	21.08	21.28	18.55
		55990	21.18	21.08	21.3	18.45
55290		21.16	21.34	21.08	18.43	
15MHz	1RB-High (74)	56665	21.09	21.08	21.31	18.38
		55990	21.15	21.32	21.15	18.55
		55315	21.09	21.16	21.08	18.52
	1RB-Middle (37)	56665	21.19	21.23	21.22	18.37
		55990	21.21	21.34	21.26	18.45
		55315	21.33	21.19	21.26	18.48
	1RB-Low (0)	56665	21.24	21.26	21.14	18.29
		55990	21.24	21.3	21.16	18.34
		55315	21.33	21.15	21.16	18.54
	36RB-High (38)	56665	21.33	21.15	21.24	18.54
		55990	21.34	21.2	21.06	18.32
		55315	21.27	21.35	21.23	18.47
	36RB-Middle (19)	56665	21.32	21.32	21.21	18.49
		55990	21.25	21.12	21.22	18.26
		55315	21.1	21.36	21.13	18.43
	36RB-Low (0)	56665	21.2	21.29	21.12	18.42
		55990	21.16	21.2	21.32	18.54
		55315	21.22	21.21	21.35	18.55
	75RB (0)	56665	21.31	21.33	21.26	18.37

		55990	21.21	21.36	21.12	18.42
		55315	21.21	21.08	21.28	18.4
20MHz	1RB-High (99)	56640	21.31	21.27	21.24	18.59
		55990	21.14	21.26	21.13	18.48
		55340	21.33	21.34	21.22	18.37
	1RB-Middle (50)	56640	21.36	21.34	21.6	18.56
		55990	21.15	21.29	21.19	18.36
		55340	21.31	21.31	21.47	18.56
	1RB-Low (0)	56640	21.35	21.45	21.34	18.51
		55990	21.19	21.23	21.13	18.57
		55340	21.24	21.22	21.13	18.58
	50RB-High (50)	56640	21.39	21.41	21.38	18.61
		55990	21.24	21.24	21.24	18.56
		55340	21.44	21.48	21.49	18.46
	50RB-Middle (25)	56640	21.45	21.39	21.4	18.37
		55990	21.29	21.26	21.31	18.64
		55340	21.38	21.39	21.39	18.37
	50RB-Low (0)	56640	21.4	21.39	21.38	18.61
		55990	21.2	21.16	21.15	18.53
		55340	21.36	21.3	21.34	18.62
	100RB (0)	56640	21.39	21.4	21.38	18.42
		55990	21.18	21.14	21.19	18.42
		55340	21.42	21.39	21.38	18.41

LTE Band48(ANT4 DSI0/8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	18.13	17.17	16.29	13.43
		55990	18.67	17.71	16.61	13.86
		55265	19.40	18.28	17.30	13.53
	1RB-Middle (12)	56715	18.43	17.54	16.57	13.97
		55990	18.82	17.53	16.63	13.68
		55265	19.22	18.52	17.37	13.81
	1RB-Low (0)	56715	18.38	17.30	16.55	13.71
		55990	18.81	17.67	16.93	13.43
		55265	19.14	18.26	17.18	13.71
	12RB-High (13)	56715	17.33	16.40	15.58	13.75
		55990	17.59	16.72	15.93	13.45
		55265	18.10	17.24	16.59	13.53
	12RB-Middle (6)	56715	17.35	16.17	15.51	13.57
		55990	17.58	16.83	16.03	13.43

		55265	18.35	17.09	16.54	13.84	
	12RB-Low (0)	56715	17.54	16.44	15.54	13.64	
		55990	17.71	16.60	15.87	13.62	
		55265	18.18	17.03	16.42	13.60	
	25RB (0)	56715	17.57	16.24	15.57	13.46	
		55990	17.51	16.60	15.85	13.81	
		55265	18.10	17.08	16.32	13.69	
10MHz	1RB-High (49)	56690	18.39	17.29	16.23	13.66	
		55990	18.62	17.82	16.85	13.57	
		55290	19.04	18.29	17.21	13.65	
	1RB-Middle (24)	56690	18.53	17.49	16.48	14.03	
		55990	18.59	17.36	16.75	13.61	
		55290	19.28	18.57	17.07	13.95	
	1RB-Low (0)	56690	18.32	17.25	16.76	13.84	
		55990	18.69	17.45	16.79	13.52	
		55290	19.34	17.97	17.17	13.72	
	25RB-High (25)	56690	17.15	16.43	15.51	14.01	
		55990	17.85	16.69	15.84	13.64	
		55290	18.28	17.04	16.39	13.72	
	25RB-Middle (12)	56690	17.38	16.49	15.61	13.50	
		55990	17.75	16.70	16.00	13.52	
		55290	18.25	17.18	16.52	13.64	
	25RB-Low (0)	56690	17.58	16.22	15.47	13.79	
		55990	17.66	16.65	15.90	13.61	
		55290	18.19	17.07	16.21	13.60	
	50RB (0)	56690	17.23	16.14	15.59	13.56	
		55990	17.87	16.76	15.71	13.78	
		55290	18.14	17.09	16.21	13.58	
	15MHz	1RB-High (74)	56665	18.23	17.08	16.30	13.59
			55990	18.68	17.62	16.82	13.61
			55315	19.20	18.09	17.17	13.64
1RB-Middle (37)		56665	18.32	17.24	16.61	13.79	
		55990	18.62	17.44	16.96	13.66	
		55315	19.21	18.60	17.35	13.65	
1RB-Low (0)		56665	18.40	17.41	16.46	13.80	
		55990	18.77	17.62	17.00	13.59	
		55315	19.33	18.04	17.48	13.48	
36RB-High (38)		56665	17.30	16.39	15.30	14.02	
		55990	17.45	16.79	15.80	13.78	
		55315	18.33	17.02	16.46	13.41	
36RB-Middle (19)	56665	17.56	16.42	15.38	13.52		

	36RB-Low (0)	55990	17.67	16.73	15.92	13.66
		55315	18.26	16.99	16.28	13.72
		56665	17.33	16.29	15.74	13.60
		55990	17.64	16.81	15.76	13.43
		55315	18.12	17.29	16.37	13.60
		56665	17.57	16.33	15.52	13.45
	75RB (0)	55990	17.57	16.68	15.73	13.62
		55315	18.35	17.29	16.28	13.87
		56640	18.21	17.14	16.24	13.60
		55990	18.65	17.76	16.66	13.73
20MHz	1RB-High (99)	55340	19.20	18.25	17.31	13.72
		56640	18.36	17.41	16.41	13.85
		55990	18.73	17.52	16.78	13.68
	1RB-Middle (50)	55340	19.21	18.46	17.17	13.81
		56640	18.49	17.24	16.63	13.78
		55990	18.71	17.60	16.81	13.61
	1RB-Low (0)	55340	19.19	18.15	17.33	13.58
		56640	17.29	16.27	15.48	13.84
		55990	17.65	16.67	15.85	13.65
	50RB-High (50)	55340	18.18	17.17	16.39	13.58
		56640	17.39	16.36	15.58	13.70
		55990	17.72	16.69	15.86	13.58
	50RB-Middle (25)	55340	18.21	17.18	16.39	13.74
		56640	17.42	16.41	15.61	13.66
		55990	17.68	16.68	15.90	13.55
	50RB-Low (0)	55340	18.16	17.14	16.36	13.77
		56640	17.37	16.31	15.57	13.64
		55990	17.70	16.70	15.90	13.61
	100RB (0)	55340	18.24	17.18	16.36	13.75

LTE Band48(ANT4 DSI2/3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	13.31	13.08	13.13	13.82
		55990	13.76	13.54	13.48	13.28
		55265	14.25	14.33	13.95	13.39
	1RB-Middle (12)	56715	13.24	13.26	13.37	13.35
		55990	13.73	13.94	13.63	13.49
		55265	14.24	14.04	14.45	13.93
	1RB-Low (0)	56715	13.7	13.38	13.41	13.27
		55990	13.65	13.89	13.62	13.75

		55265	14.34	14.08	14.01	13.38
	12RB-High (13)	56715	13.35	13.49	13.17	13.48
		55990	13.87	13.8	13.61	13.53
		55265	14.33	14.48	14.28	13.73
	12RB-Middle (6)	56715	13.3	13.29	13.51	13.83
		55990	13.77	13.82	13.51	13.78
		55265	14.47	14.39	14.21	13.64
	12RB-Low (0)	56715	13.46	13.4	13.59	13.69
		55990	13.74	13.68	13.59	13.66
		55265	14.28	14.2	14.27	13.59
	25RB (0)	56715	13.51	13.35	13.42	13.92
		55990	13.71	13.73	13.58	13.68
		55265	14.09	14.25	14.33	13.71
10MHz	1RB-High (49)	56690	13.16	13.13	13.03	13.6
		55990	13.41	13.52	13.56	13.27
		55290	14.07	14.35	14.03	13.29
	1RB-Middle (24)	56690	13.45	13.4	13.39	13.49
		55990	13.81	13.9	13.59	13.63
		55290	14.2	14.19	14.05	13.59
	1RB-Low (0)	56690	13.67	13.74	13.62	13.51
		55990	13.59	13.92	13.63	13.56
		55290	13.96	14.33	14.03	13.41
	25RB-High (25)	56690	13.25	13.35	13.17	13.7
		55990	13.69	13.81	13.67	13.48
		55290	14.18	14.3	14.1	13.7
	25RB-Middle (12)	56690	13.27	13.53	13.27	13.81
		55990	13.88	13.87	13.54	13.79
		55290	14.13	14.31	14.24	13.76
	25RB-Low (0)	56690	13.3	13.6	13.53	13.3
		55990	13.86	13.48	13.59	13.55
		55290	14.1	14.16	14.17	13.35
	50RB (0)	56690	13.21	13.23	13.24	13.99
		55990	13.44	13.61	13.65	13.87
		55290	14.14	14.23	14.33	13.7
15MHz	1RB-High (74)	56665	13.03	13.26	13.1	13.82
		55990	13.76	13.5	13.64	13.45
		55315	14.19	14.16	13.88	13.61
	1RB-Middle (37)	56665	13.31	13.29	13.2	13.4
		55990	13.79	13.9	13.46	13.67
		55315	14.13	14.26	14.34	13.69
1RB-Low (0)	56665	13.66	13.64	13.35	13.52	

		55990	13.9	13.93	13.4	13.53
		55315	14.29	14.05	14.09	13.43
		56665	13.41	13.14	13.19	13.49
	36RB-High (38)	55990	13.88	13.6	13.66	13.4
		55315	14.1	14.46	14.18	13.7
		56665	13.34	13.48	13.2	13.52
	36RB-Middle (19)	55990	13.91	13.71	13.65	13.8
		55315	14.15	14.26	14.22	13.73
		56665	13.44	13.42	13.54	13.63
	36RB-Low (0)	55990	13.57	13.6	13.49	13.74
		55315	14.18	14.03	14.38	13.52
		56665	13.5	13.29	13.41	13.8
	75RB (0)	55990	13.42	13.47	13.52	13.82
		55315	14.17	14.1	14.38	13.36
		56640	13.15	13.22	13.22	13.66
20MHz	1RB-High (99)	55990	13.58	13.64	13.59	13.42
		55340	14.15	14.16	14.07	13.42
		56640	13.31	13.35	13.38	13.5
	1RB-Middle (50)	55990	13.62	13.76	13.52	13.51
		55340	14.25	14.23	14.25	13.73
		56640	13.5	13.56	13.44	13.44
	1RB-Low (0)	55990	13.71	13.76	13.58	13.62
		55340	14.14	14.15	14.1	13.49
		56640	13.32	13.32	13.3	13.55
	50RB-High (50)	55990	13.73	13.71	13.69	13.4
		55340	14.24	14.29	14.28	13.61
		56640	13.4	13.43	13.35	13.67
	50RB-Middle (25)	55990	13.71	13.71	13.71	13.65
		55340	14.29	14.26	14.25	13.6
		56640	13.47	13.44	13.41	13.5
	50RB-Low (0)	55990	13.68	13.65	13.67	13.7
		55340	14.24	14.21	14.21	13.42
		56640	13.4	13.38	13.38	13.8
	100RB (0)	55990	13.61	13.62	13.61	13.69
		55340	14.25	14.21	14.25	13.54

LTE Band48(ANT2 DSI0/2/3/8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	18.34	16.86	16.14	13.23
		55990	18.19	17.17	16.28	13.19
		55265	18.68	17.72	16.84	13.62
	1RB-Middle (12)	56715	18.16	16.93	16.07	13.39
		55990	18.16	17.17	16.34	13.42
		55265	18.75	17.63	16.66	13.27
	1RB-Low (0)	56715	18.32	17.37	16.22	13.31
		55990	18.28	17.12	16.31	13.18
		55265	18.34	17.49	16.36	13.14
	12RB-High (13)	56715	17.03	16.07	15.63	13.46
		55990	17.31	16.28	15.42	13.57
		55265	17.51	16.57	15.77	13.58
	12RB-Middle (6)	56715	17.33	16.26	15.39	13.12
		55990	17.42	16.29	15.63	13.28
		55265	17.39	16.69	15.80	13.15
	12RB-Low (0)	56715	17.34	16.40	15.30	13.54
		55990	17.41	16.40	15.59	13.55
		55265	17.68	16.68	15.66	13.32
	25RB (0)	56715	17.30	16.37	15.24	13.37
		55990	17.38	16.24	15.56	13.14
		55265	17.38	16.69	15.94	13.37
10MHz	1RB-High (49)	56690	18.00	16.81	16.19	13.34
		55990	18.30	17.19	16.26	13.27
		55290	18.69	17.45	16.73	13.56
	1RB-Middle (24)	56690	18.26	17.28	16.14	13.53
		55990	18.33	17.46	16.53	13.32
		55290	18.42	17.56	16.64	13.40
	1RB-Low (0)	56690	18.45	17.35	16.31	13.29
		55990	18.17	17.01	16.10	13.15
		55290	18.45	17.33	16.58	13.28
	25RB-High (25)	56690	17.34	16.25	15.34	13.20
		55990	17.17	16.08	15.33	13.28
		55290	17.54	16.83	15.89	13.62
	25RB-Middle (12)	56690	17.15	16.32	15.50	13.16
		55990	17.17	16.25	15.34	13.33
		55290	17.52	16.62	15.85	13.51
	25RB-Low (0)	56690	17.12	16.34	15.35	13.50
		55990	17.32	16.22	15.27	13.26

		55290	17.33	16.41	15.68	13.64
	50RB (0)	56690	17.42	16.22	15.51	13.48
		55990	17.17	16.37	15.45	13.23
		55290	17.63	16.68	15.74	13.38
15MHz	1RB-High (74)	56665	18.22	16.83	16.18	13.39
		55990	18.28	17.34	16.25	13.30
		55315	18.43	17.71	16.64	13.71
	1RB-Middle (37)	56665	18.45	16.96	16.31	13.50
		55990	18.31	17.28	16.40	13.23
		55315	18.44	17.76	16.41	13.39
	1RB-Low (0)	56665	18.28	17.22	16.40	13.10
		55990	18.31	17.07	16.47	13.35
		55315	18.37	17.45	16.55	13.13
	36RB-High (38)	56665	17.16	16.26	15.48	13.21
		55990	17.28	16.44	15.64	13.30
		55315	17.52	16.43	15.84	13.44
	36RB-Middle (19)	56665	17.28	16.17	15.45	13.34
		55990	17.29	16.36	15.60	13.46
		55315	17.64	16.56	15.72	13.27
	36RB-Low (0)	56665	17.33	16.28	15.45	13.49
		55990	17.13	16.05	15.57	13.50
		55315	17.49	16.41	15.72	13.56
	75RB (0)	56665	17.30	16.21	15.55	13.30
		55990	17.28	16.28	15.54	13.22
		55315	17.45	16.62	15.67	13.23
20MHz	1RB-High (99)	56640	18.20	16.93	16.11	13.25
		55990	18.39	17.16	16.32	13.39
		55340	18.61	17.56	16.77	13.55
	1RB-Middle (50)	56640	18.33	17.13	16.25	13.51
		55990	18.19	17.28	16.42	13.25
		55340	18.59	17.60	16.61	13.29
	1RB-Low (0)	56640	18.46	17.30	16.36	13.26
		55990	18.29	17.16	16.27	13.33
		55340	18.44	17.38	16.51	13.28
	50RB-High (50)	56640	17.22	16.20	15.43	13.29
		55990	17.31	16.27	15.46	13.38
		55340	17.63	16.63	15.83	13.42
	50RB-Middle (25)	56640	17.32	16.23	15.42	13.28
		55990	17.30	16.26	15.45	13.35
		55340	17.58	16.60	15.76	13.35
50RB-Low (0)	56640	17.30	16.26	15.48	13.45	

	100RB (0)	55990	17.23	16.21	15.45	13.44
		55340	17.48	16.51	15.69	13.52
		56640	17.28	16.25	15.43	13.37
		55990	17.29	16.28	15.46	13.33
		55340	17.56	16.61	15.78	13.38

LTE Band66(ANT1 DSI0/2/3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	23.81	23.27	22.07	19.45
		1745 (132322)	23.91	23.16	22.11	19.21
		1710.7 (131979)	23.79	23.15	21.81	19.39
	1RB-Middle (3)	1779.3 (132665)	24.03	23.61	22.08	19.42
		1745 (132322)	23.93	23.49	22.14	19.21
		1710.7 (131979)	23.87	23.19	22.05	19.19
	1RB-Low (0)	1779.3 (132665)	23.77	23.41	22.07	19.25
		1745 (132322)	23.86	23.17	21.92	19.48
		1710.7 (131979)	23.80	23.44	22.10	19.18
	3RB-High (3)	1779.3 (132665)	23.91	23.03	21.87	19.48
		1745 (132322)	23.85	23.00	21.99	19.16
		1710.7 (131979)	23.89	23.15	21.91	19.45
	3RB-Middle (1)	1779.3 (132665)	23.84	23.00	21.95	19.40
		1745 (132322)	23.90	23.19	22.05	19.25
		1710.7 (131979)	23.87	23.02	21.90	19.30
	3RB-Low (0)	1779.3 (132665)	23.85	22.94	21.79	19.25
		1745 (132322)	23.82	23.12	22.04	19.32
		1710.7 (131979)	23.88	23.00	21.95	19.18
	6RB (0)	1779.3 (132665)	22.98	22.04	20.87	19.33
		1745 (132322)	22.93	21.99	20.96	19.17
		1710.7 (131979)	22.90	21.92	20.93	19.28
3MHz	1RB-High (14)	1778.5 (132657)	23.83	23.38	22.06	19.19
		1745 (132322)	23.78	23.13	22.08	19.35
		1711.5 (131987)	23.86	23.10	21.95	19.30
	1RB-Middle (7)	1778.5 (132657)	23.83	23.25	22.09	19.43
		1745 (132322)	23.88	23.36	22.20	19.48
		1711.5 (131987)	23.89	23.27	22.11	19.21
	1RB-Low (0)	1778.5 (132657)	23.74	23.06	22.08	19.43
		1745 (132322)	23.81	23.22	22.14	19.28
		1711.5 (131987)	23.80	23.19	22.06	19.15
	8RB-High (7)	1778.5 (132657)	22.97	22.00	20.85	19.42
		1745 (132322)	22.95	22.04	20.96	19.23

		1711.5 (131987)	22.93	22.03	20.99	19.28	
	8RB-Middle (4)	1778.5 (132657)	22.93	22.06	20.97	19.19	
		1745 (132322)	22.98	22.13	20.99	19.44	
		1711.5 (131987)	23.01	22.11	20.96	19.17	
	8RB-Low (0)	1778.5 (132657)	22.96	22.03	20.82	19.15	
		1745 (132322)	22.93	21.88	20.86	19.22	
		1711.5 (131987)	22.92	22.05	20.86	19.27	
	15RB (0)	1778.5 (132657)	22.84	21.83	20.86	19.27	
		1745 (132322)	22.85	21.87	20.89	19.23	
		1711.5 (131987)	22.92	21.94	20.87	19.45	
5MHz	1RB-High (24)	1777.5 (132647)	23.85	23.12	22.07	19.15	
		1745 (132322)	23.89	23.15	22.14	19.23	
		1712.5 (131997)	23.77	23.19	22.15	19.20	
	1RB-Middle (12)	1777.5 (132647)	23.85	23.19	22.01	19.25	
		1745 (132322)	23.91	23.18	21.98	19.52	
		1712.5 (131997)	23.90	23.39	22.06	19.25	
	1RB-Low (0)	1777.5 (132647)	23.84	23.30	22.06	19.39	
		1745 (132322)	23.94	23.37	22.10	19.37	
		1712.5 (131997)	23.82	23.22	22.15	19.16	
	12RB-High (13)	1777.5 (132647)	22.94	22.00	20.89	19.24	
		1745 (132322)	22.98	21.96	21.01	19.27	
		1712.5 (131997)	23.03	22.02	20.86	19.46	
	12RB-Middle (6)	1777.5 (132647)	22.94	22.02	20.96	19.34	
		1745 (132322)	22.87	21.96	20.91	19.48	
		1712.5 (131997)	23.04	21.99	20.97	19.50	
	12RB-Low (0)	1777.5 (132647)	22.98	21.98	20.89	19.53	
		1745 (132322)	22.93	21.92	20.95	19.22	
		1712.5 (131997)	23.01	21.98	20.98	19.17	
	25RB (0)	1777.5 (132647)	22.95	21.95	20.81	19.25	
		1745 (132322)	22.85	21.94	20.88	19.37	
		1712.5 (131997)	22.99	22.00	20.88	19.40	
	10MHz	1RB-High (49)	1775 (132622)	23.83	23.43	22.08	19.44
			1745 (132322)	23.84	23.42	22.14	19.25
			1715 (132022)	23.94	23.19	22.27	19.25
1RB-Middle (24)		1775 (132622)	23.80	23.27	22.24	19.17	
		1745 (132322)	23.87	23.12	22.05	19.46	
		1715 (132022)	23.91	23.21	22.08	19.47	
1RB-Low (0)		1775 (132622)	23.80	23.40	22.16	19.49	
		1745 (132322)	23.80	23.18	21.97	19.53	
		1715 (132022)	23.80	23.25	22.29	19.25	
25RB-High (25)	1775 (132622)	22.93	21.98	20.97	19.47		

		1745 (132322)	22.95	22.11	21.01	19.24	
		1715 (132022)	22.95	22.11	21.10	19.47	
		1775 (132622)	22.89	21.93	20.92	19.43	
	25RB-Middle (12)	1745 (132322)	23.03	21.99	21.06	19.27	
		1715 (132022)	22.95	22.04	21.05	19.39	
	25RB-Low (0)	1775 (132622)	22.93	21.86	20.93	19.44	
		1745 (132322)	22.83	21.88	20.95	19.24	
		1715 (132022)	22.99	22.00	20.99	19.22	
	50RB (0)	1775 (132622)	22.91	21.83	20.88	19.50	
1745 (132322)		22.91	21.92	20.89	19.35		
1715 (132022)		22.97	21.97	20.96	19.50		
15MHz	1RB-High (74)	1772.5 (132597)	23.80	23.06	22.06	19.23	
		1745 (132322)	23.74	23.11	21.87	19.45	
		1717.5 (132047)	23.93	23.36	22.18	19.32	
	1RB-Middle (37)	1772.5 (132597)	23.65	22.88	21.83	19.52	
		1745 (132322)	23.68	22.95	21.98	19.39	
		1717.5 (132047)	23.73	23.01	21.98	19.50	
	1RB-Low (0)	1772.5 (132597)	23.67	22.79	21.83	19.44	
		1745 (132322)	23.76	23.04	22.02	19.18	
		1717.5 (132047)	23.61	22.93	22.04	19.42	
	36RB-High (38)	1772.5 (132597)	22.76	21.87	20.76	19.42	
		1745 (132322)	22.84	21.82	20.73	19.33	
		1717.5 (132047)	22.85	21.86	20.84	19.20	
	36RB-Middle (19)	1772.5 (132597)	22.76	21.76	20.67	19.36	
		1745 (132322)	22.72	21.70	20.70	19.51	
		1717.5 (132047)	22.88	21.85	20.84	19.29	
	36RB-Low (0)	1772.5 (132597)	22.72	21.78	20.64	19.54	
		1745 (132322)	22.78	21.77	20.75	19.47	
		1717.5 (132047)	22.75	21.76	20.75	19.21	
	75RB (0)	1772.5 (132597)	22.61	21.77	20.73	19.37	
		1745 (132322)	22.76	21.75	20.80	19.36	
		1717.5 (132047)	22.82	21.92	20.80	19.40	
	20MHz	1RB-High (99)	1770 (132572)	23.80	22.95	21.80	19.26
			1745 (132322)	23.72	22.97	21.87	19.40
			1720 (132072)	23.82	23.19	22.30	19.30
		1RB-Middle (50)	1770 (132572)	23.77	23.47	21.70	19.23
			1745 (132322)	23.69	22.82	22.03	19.47
			1720 (132072)	23.66	23.08	21.77	19.16
1RB-Low (0)		1770 (132572)	23.60	22.89	21.95	19.19	
		1745 (132322)	23.76	23.08	22.03	19.23	
		1720 (132072)	23.72	23.26	21.97	19.28	

	50RB-High (50)	1770 (132572)	22.75	21.81	20.88	19.27
		1745 (132322)	22.82	21.83	20.86	19.34
		1720 (132072)	22.78	21.84	20.85	19.15
	50RB-Middle (25)	1770 (132572)	22.73	21.76	20.70	19.51
		1745 (132322)	22.81	21.71	20.80	19.28
		1720 (132072)	22.86	21.84	20.93	19.52
	50RB-Low (0)	1770 (132572)	22.64	21.72	20.71	19.22
		1745 (132322)	22.74	21.85	20.87	19.42
		1720 (132072)	22.75	21.72	20.69	19.50
100RB (0)	1770 (132572)	22.61	21.68	20.82	19.41	
	1745 (132322)	22.73	21.75	20.74	19.40	
	1720 (132072)	22.80	21.80	20.88	19.28	

LTE Band66(ANT1 DSI8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	18.68	19.09	19.14	18.64
		1745 (132322)	18.67	18.93	19	18.59
		1710.7 (131979)	18.64	19.16	19.02	18.61
	1RB-Middle (3)	1779.3 (132665)	18.56	19.32	18.97	19
		1745 (132322)	18.8	19.05	19.14	18.84
		1710.7 (131979)	18.9	19.08	19.27	18.58
	1RB-Low (0)	1779.3 (132665)	18.76	19.41	19.09	18.58
		1745 (132322)	18.7	19.31	19.09	18.38
		1710.7 (131979)	18.74	18.78	18.75	18.74
	3RB-High (3)	1779.3 (132665)	18.84	19.28	19.15	18.62
		1745 (132322)	18.9	18.97	18.97	18.77
		1710.7 (131979)	19.01	19.12	19.17	18.52
	3RB-Middle (1)	1779.3 (132665)	18.92	19.34	18.83	18.67
		1745 (132322)	18.78	19.1	19.3	18.58
		1710.7 (131979)	18.93	19.04	19.25	18.56
	3RB-Low (0)	1779.3 (132665)	18.58	19.25	19.09	18.73
		1745 (132322)	18.65	19.11	19.22	18.48
		1710.7 (131979)	18.78	18.81	19.02	18.62
	6RB (0)	1779.3 (132665)	18.95	18.91	18.54	18.4
		1745 (132322)	18.76	18.87	18.71	18.83
		1710.7 (131979)	18.73	18.66	19.09	18.69
3MHz	1RB-High (14)	1778.5 (132657)	18.53	19.05	19.02	18.86
		1745 (132322)	18.68	19.22	18.93	18.83
		1711.5 (131987)	19	19.02	19.04	18.6
	1RB-Middle (7)	1778.5 (132657)	18.59	19.24	19.05	18.67

	1RB-Low (0)	1745 (132322)	18.72	19.08	19.27	18.69
		1711.5 (131987)	18.85	19.19	19.13	18.47
		1778.5 (132657)	18.74	19.12	19.02	18.66
	8RB-High (7)	1745 (132322)	18.55	19.09	19.26	18.57
		1711.5 (131987)	18.41	19.01	18.71	18.42
		1778.5 (132657)	18.67	18.72	18.57	18.42
	8RB-Middle (4)	1745 (132322)	18.74	18.74	18.97	18.71
		1711.5 (131987)	18.72	18.88	18.85	18.61
		1778.5 (132657)	18.62	18.9	18.85	18.49
	8RB-Low (0)	1745 (132322)	18.9	18.89	18.66	18.48
		1711.5 (131987)	18.93	18.96	18.73	18.64
		1778.5 (132657)	18.48	18.84	18.85	18.49
	15RB (0)	1745 (132322)	18.74	18.8	18.75	18.53
		1711.5 (131987)	18.72	18.77	18.6	18.47
		1778.5 (132657)	18.71	18.6	18.76	18.64
5MHz	1RB-High (24)	1745 (132322)	18.92	18.75	18.62	18.65
		1711.5 (131987)	18.95	18.65	19.06	18.78
		1777.5 (132647)	18.5	19.31	19.06	18.67
	1RB-Middle (12)	1745 (132322)	18.76	18.95	18.92	18.67
		1712.5 (131997)	18.74	18.79	18.81	18.7
		1777.5 (132647)	18.77	19.54	19	18.65
	1RB-Low (0)	1745 (132322)	18.88	19.01	19.05	18.73
		1712.5 (131997)	18.76	19.03	19.14	18.61
		1777.5 (132647)	18.64	19.32	18.72	18.7
	12RB-High (13)	1745 (132322)	18.55	19.31	19.13	18.72
		1712.5 (131997)	18.51	18.89	18.73	18.56
		1777.5 (132647)	18.65	18.87	18.59	18.54
	12RB-Middle (6)	1745 (132322)	18.93	18.68	18.92	18.72
		1712.5 (131997)	18.93	18.84	19.08	18.61
		1777.5 (132647)	18.66	18.79	18.91	18.6
12RB-Low (0)	1745 (132322)	18.71	18.84	18.84	18.6	
	1712.5 (131997)	19	18.99	18.77	18.94	
	1777.5 (132647)	18.57	18.49	18.81	18.48	
25RB (0)	1745 (132322)	18.84	18.82	18.86	18.67	
	1712.5 (131997)	18.88	18.74	18.54	18.52	
	1777.5 (132647)	18.83	18.82	18.8	18.94	
10MHz	1RB-High (49)	1745 (132322)	18.67	18.91	18.84	18.47
		1712.5 (131997)	18.88	18.75	18.71	18.63
		1775 (132622)	18.57	19.04	19	18.94
		1745 (132322)	18.62	19.29	18.91	18.68
		1715 (132022)	18.85	18.86	19.05	18.8

	1RB-Middle (24)	1775 (132622)	18.95	19.19	19.17	18.91	
		1745 (132322)	18.66	19.14	19.2	18.88	
		1715 (132022)	18.89	18.8	19.04	18.76	
	1RB-Low (0)	1775 (132622)	18.64	19.13	18.85	18.57	
		1745 (132322)	18.93	19.23	19.42	18.7	
		1715 (132022)	18.72	18.92	19.03	18.74	
	25RB-High (25)	1775 (132622)	18.7	18.86	18.84	18.59	
		1745 (132322)	18.79	18.89	18.89	18.5	
		1715 (132022)	18.6	18.79	18.94	18.99	
	25RB-Middle (12)	1775 (132622)	18.56	18.54	18.55	18.67	
		1745 (132322)	18.78	18.75	18.76	18.62	
		1715 (132022)	18.87	18.64	18.72	19	
	25RB-Low (0)	1775 (132622)	18.85	18.68	18.65	18.44	
		1745 (132322)	18.81	18.69	18.65	18.66	
		1715 (132022)	18.57	18.92	18.77	18.66	
	50RB (0)	1775 (132622)	18.64	18.57	18.86	18.91	
		1745 (132322)	18.75	18.94	18.61	18.46	
		1715 (132022)	19	18.86	18.93	18.64	
	15MHz	1RB-High (74)	1772.5 (132597)	18.84	19.01	19.21	18.8
			1745 (132322)	18.58	19.17	19.2	18.61
			1717.5 (132047)	18.83	19.19	19.08	18.76
		1RB-Middle (37)	1772.5 (132597)	18.81	19.39	18.78	19.05
			1745 (132322)	18.86	19.08	19.37	18.85
			1717.5 (132047)	18.94	18.89	18.95	18.45
1RB-Low (0)		1772.5 (132597)	18.67	19.26	18.79	18.63	
		1745 (132322)	18.89	19.09	19.43	18.45	
		1717.5 (132047)	18.52	18.7	18.89	18.39	
36RB-High (38)		1772.5 (132597)	18.96	18.78	18.81	18.78	
		1745 (132322)	18.9	18.78	18.73	18.75	
		1717.5 (132047)	18.75	18.83	18.9	18.73	
36RB-Middle (19)		1772.5 (132597)	18.81	18.88	18.56	18.44	
		1745 (132322)	18.57	18.67	19	18.45	
		1717.5 (132047)	18.76	18.89	18.77	18.68	
36RB-Low (0)		1772.5 (132597)	18.54	18.86	18.47	18.41	
		1745 (132322)	18.72	18.68	18.76	18.72	
		1717.5 (132047)	18.61	18.8	18.63	18.53	
75RB (0)		1772.5 (132597)	18.54	18.65	18.75	18.81	
		1745 (132322)	18.66	18.74	18.69	18.63	
		1717.5 (132047)	18.88	18.83	19.06	18.56	
20MHz		1RB-High (99)	1770 (132572)	18.65	19.16	19.01	18.75
			1745 (132322)	18.78	19.11	19.03	18.64

		1720 (132072)	18.81	18.99	19.01	18.71
1RB-Middle (50)		1770 (132572)	18.76	19.35	18.97	18.85
		1745 (132322)	18.83	19.01	19.21	18.74
		1720 (132072)	18.85	18.99	19.14	18.57
1RB-Low (0)		1770 (132572)	18.64	19.23	18.9	18.56
		1745 (132322)	18.74	19.13	19.28	18.57
		1720 (132072)	18.58	18.87	18.91	18.57
50RB-High (50)		1770 (132572)	18.82	18.82	18.72	18.6
		1745 (132322)	18.78	18.75	18.84	18.67
		1720 (132072)	18.79	18.85	18.89	18.8
50RB-Middle (25)		1770 (132572)	18.74	18.71	18.71	18.63
		1745 (132322)	18.75	18.77	18.85	18.6
		1720 (132072)	18.84	18.84	18.82	18.81
50RB-Low (0)		1770 (132572)	18.66	18.69	18.65	18.61
		1745 (132322)	18.78	18.73	18.8	18.6
		1720 (132072)	18.73	18.74	18.67	18.66
100RB (0)		1770 (132572)	18.71	18.65	18.73	18.76
		1745 (132322)	18.77	18.79	18.79	18.64
		1720 (132072)	18.8	18.78	18.86	18.72

LTE Band66(ANT4 DSI0)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	23.87	23.38	22.13	18.98
		1745 (132322)	23.94	23.33	21.98	18.89
		1710.7 (131979)	23.87	23.22	22.22	18.70
	1RB-Middle (3)	1779.3 (132665)	23.97	23.51	22.19	18.89
		1745 (132322)	24.04	23.15	22.35	18.83
		1710.7 (131979)	23.96	23.42	22.57	19.01
	1RB-Low (0)	1779.3 (132665)	23.91	23.35	22.12	18.68
		1745 (132322)	23.93	23.46	22.14	18.70
		1710.7 (131979)	23.91	23.41	22.45	18.88
	3RB-High (3)	1779.3 (132665)	23.95	23.09	22.22	18.72
		1745 (132322)	23.98	23.04	22.16	18.83
		1710.7 (131979)	23.92	23.02	22.20	18.93
	3RB-Middle (1)	1779.3 (132665)	23.98	22.94	22.24	18.80
		1745 (132322)	23.97	23.17	22.22	18.78
		1710.7 (131979)	23.93	23.07	22.27	18.77
	3RB-Low (0)	1779.3 (132665)	23.97	23.22	22.20	18.81
		1745 (132322)	23.98	23.18	22.27	18.73
		1710.7 (131979)	23.90	23.12	22.19	19.02

	6RB (0)	1779.3 (132665)	22.89	22.13	21.08	18.98
		1745 (132322)	23.01	22.07	21.23	18.85
		1710.7 (131979)	23.02	22.03	21.18	18.75
3MHz	1RB-High (14)	1778.5 (132657)	23.92	23.15	22.38	18.65
		1745 (132322)	23.89	23.41	22.26	18.77
		1711.5 (131987)	23.83	23.24	22.30	18.91
	1RB-Middle (7)	1778.5 (132657)	23.95	23.37	22.55	18.68
		1745 (132322)	24.02	23.44	22.44	18.65
		1711.5 (131987)	24.00	23.30	22.40	18.64
	1RB-Low (0)	1778.5 (132657)	23.93	23.43	22.34	18.95
		1745 (132322)	23.85	23.25	22.15	18.74
		1711.5 (131987)	23.93	23.41	22.23	18.99
	8RB-High (7)	1778.5 (132657)	23.09	22.00	21.25	18.78
		1745 (132322)	23.09	22.22	21.24	19.00
		1711.5 (131987)	23.06	22.15	21.26	18.85
	8RB-Middle (4)	1778.5 (132657)	23.03	22.10	21.24	18.77
		1745 (132322)	23.08	22.10	21.27	18.71
		1711.5 (131987)	22.99	22.13	21.27	18.90
	8RB-Low (0)	1778.5 (132657)	22.98	21.99	21.23	18.92
		1745 (132322)	22.98	22.02	21.22	18.97
		1711.5 (131987)	23.01	22.14	21.31	18.85
	15RB (0)	1778.5 (132657)	22.95	21.93	21.14	18.78
		1745 (132322)	22.90	21.94	21.19	18.84
		1711.5 (131987)	23.02	22.00	21.18	18.90
5MHz	1RB-High (24)	1777.5 (132647)	23.94	23.52	22.25	18.84
		1745 (132322)	23.93	23.13	22.31	18.71
		1712.5 (131997)	24.04	23.24	22.29	18.94
	1RB-Middle (12)	1777.5 (132647)	23.99	23.36	22.23	18.67
		1745 (132322)	24.08	23.40	22.28	18.88
		1712.5 (131997)	23.95	23.24	22.27	19.02
	1RB-Low (0)	1777.5 (132647)	23.96	23.34	22.30	18.99
		1745 (132322)	23.88	23.17	22.16	18.87
		1712.5 (131997)	23.87	23.29	22.41	18.62
	12RB-High (13)	1777.5 (132647)	23.03	22.11	21.33	18.84
		1745 (132322)	23.02	22.12	21.25	18.70
		1712.5 (131997)	23.09	22.18	21.21	18.88
	12RB-Middle (6)	1777.5 (132647)	23.10	22.14	21.27	18.93
		1745 (132322)	23.09	22.04	21.24	18.94
		1712.5 (131997)	23.05	22.06	21.32	18.77
	12RB-Low (0)	1777.5 (132647)	23.05	22.08	21.28	18.78
		1745 (132322)	23.00	21.99	21.30	18.75

		1712.5 (131997)	23.04	22.02	21.31	18.84	
	25RB (0)	1777.5 (132647)	23.10	22.03	21.26	18.76	
		1745 (132322)	22.92	22.01	21.18	18.76	
		1712.5 (131997)	23.02	22.09	21.21	18.90	
10MHz	1RB-High (49)	1775 (132622)	24.00	23.42	22.30	18.89	
		1745 (132322)	23.93	23.17	22.23	18.95	
		1715 (132022)	23.89	23.45	22.45	18.96	
	1RB-Middle (24)	1775 (132622)	23.99	23.30	22.22	18.70	
		1745 (132322)	24.01	23.59	22.41	19.02	
		1715 (132022)	23.94	23.30	22.48	18.93	
	1RB-Low (0)	1775 (132622)	23.93	23.23	22.18	18.79	
		1745 (132322)	23.90	23.12	22.30	18.75	
		1715 (132022)	23.97	23.44	22.11	18.89	
	25RB-High (25)	1775 (132622)	23.04	22.18	21.24	18.86	
		1745 (132322)	23.03	22.15	21.17	18.93	
		1715 (132022)	23.07	22.06	21.27	18.78	
	25RB-Middle (12)	1775 (132622)	22.98	22.06	21.23	19.02	
		1745 (132322)	22.99	22.02	21.24	18.74	
		1715 (132022)	23.10	22.21	21.27	19.00	
	25RB-Low (0)	1775 (132622)	22.99	22.04	21.19	18.87	
		1745 (132322)	23.03	22.07	21.20	18.64	
		1715 (132022)	23.05	22.06	21.26	18.91	
	50RB (0)	1775 (132622)	22.98	21.99	21.21	18.70	
		1745 (132322)	22.98	21.99	21.22	18.67	
		1715 (132022)	23.03	22.07	21.24	18.80	
	15MHz	1RB-High (74)	1772.5 (132597)	23.83	23.02	22.14	18.84
			1745 (132322)	23.85	23.09	22.33	18.80
			1717.5 (132047)	23.91	22.92	22.17	18.83
1RB-Middle (37)		1772.5 (132597)	23.79	23.34	22.16	18.86	
		1745 (132322)	23.81	22.86	22.29	18.78	
		1717.5 (132047)	23.92	23.23	22.40	18.65	
1RB-Low (0)		1772.5 (132597)	23.93	22.83	22.43	18.84	
		1745 (132322)	23.84	23.16	22.13	18.76	
		1717.5 (132047)	23.77	23.14	22.24	18.68	
36RB-High (38)		1772.5 (132597)	22.86	21.95	21.13	18.65	
		1745 (132322)	22.90	21.94	21.11	18.97	
		1717.5 (132047)	22.96	21.95	21.17	19.02	
36RB-Middle (19)		1772.5 (132597)	22.75	21.81	20.94	19.02	
		1745 (132322)	22.83	21.84	21.04	18.63	
		1717.5 (132047)	22.85	21.93	21.05	18.66	
36RB-Low (0)	1772.5 (132597)	22.75	21.89	20.97	18.69		

	75RB (0)	1745 (132322)	22.98	21.89	21.11	18.67
		1717.5 (132047)	22.81	21.89	21.02	18.77
		1772.5 (132597)	22.77	21.78	21.05	18.68
		1745 (132322)	22.76	21.82	21.12	18.89
		1717.5 (132047)	22.87	21.90	21.14	18.81
20MHz	1RB-High (99)	1770 (132572)	23.81	23.19	22.11	18.93
		1745 (132322)	23.83	23.33	22.07	18.73
		1720 (132072)	23.93	23.11	22.02	18.88
	1RB-Middle (50)	1770 (132572)	23.85	23.05	22.11	18.63
		1745 (132322)	23.89	23.32	22.06	18.90
		1720 (132072)	23.85	23.42	22.21	18.75
	1RB-Low (0)	1770 (132572)	23.78	23.07	21.88	19.01
		1745 (132322)	23.96	23.07	22.25	18.69
		1720 (132072)	23.97	23.16	22.13	18.68
	50RB-High (50)	1770 (132572)	22.85	21.86	20.83	18.98
		1745 (132322)	22.91	21.83	20.92	18.70
		1720 (132072)	22.88	21.95	21.01	18.62
	50RB-Middle (25)	1770 (132572)	22.84	21.79	20.79	18.74
		1745 (132322)	22.85	21.85	20.85	18.73
		1720 (132072)	22.94	21.90	20.96	18.94
	50RB-Low (0)	1770 (132572)	22.76	21.89	20.81	18.80
		1745 (132322)	22.88	21.91	20.80	18.74
		1720 (132072)	22.79	21.81	20.84	18.95
	100RB (0)	1770 (132572)	22.91	21.70	20.83	18.84
		1745 (132322)	22.82	21.81	20.86	18.76
		1720 (132072)	22.90	21.94	20.99	18.89

LTE Band66(ANT4 DSI2/3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	19.19	19.21	19.67	19.02
		1745 (132322)	19.16	19.39	19.16	19.06
		1710.7 (131979)	18.99	19.45	18.97	18.67
	1RB-Middle (3)	1779.3 (132665)	18.76	19.35	19.37	18.92
		1745 (132322)	19.13	19.47	19.33	18.65
		1710.7 (131979)	19.17	19.52	19.2	18.62
	1RB-Low (0)	1779.3 (132665)	18.93	19.19	19.37	18.81
		1745 (132322)	19.22	19.17	19.52	18.82
		1710.7 (131979)	19.01	19.2	19.13	18.74
	3RB-High (3)	1779.3 (132665)	19	19.27	19.67	18.75
		1745 (132322)	19.02	19.39	19.18	18.71

		1710.7 (131979)	19.03	19.44	19.32	18.8
	3RB-Middle (1)	1779.3 (132665)	18.92	19.41	19.14	18.87
		1745 (132322)	18.83	19.44	19.59	18.8
		1710.7 (131979)	19.02	19.27	19.41	18.77
	3RB-Low (0)	1779.3 (132665)	19.16	19.2	19.5	18.73
		1745 (132322)	19.29	19.23	19.71	18.68
		1710.7 (131979)	19.26	19.21	19.2	18.97
	6RB (0)	1779.3 (132665)	18.88	19.18	19.19	18.54
		1745 (132322)	18.93	19.24	19.18	18.72
		1710.7 (131979)	18.97	18.9	19.11	18.71
3MHz	1RB-High (14)	1778.5 (132657)	18.97	19.12	19.52	18.9
		1745 (132322)	18.8	19.47	18.95	19.05
		1711.5 (131987)	18.89	19.5	19.27	18.7
	1RB-Middle (7)	1778.5 (132657)	18.98	19.18	19.07	18.81
		1745 (132322)	19.05	19.5	19.38	18.51
		1711.5 (131987)	18.79	19.55	19.32	18.92
	1RB-Low (0)	1778.5 (132657)	19.27	19.31	19.46	18.56
		1745 (132322)	19.23	19.21	19.56	18.74
		1711.5 (131987)	19.11	19.36	19.05	18.66
	8RB-High (7)	1778.5 (132657)	19.25	18.89	19.12	18.64
		1745 (132322)	19.14	18.96	18.96	18.96
		1711.5 (131987)	19.29	19.16	19.28	18.63
	8RB-Middle (4)	1778.5 (132657)	19.15	18.91	19.03	18.75
		1745 (132322)	18.88	19.23	18.85	18.75
		1711.5 (131987)	19.29	19.17	19.12	18.68
	8RB-Low (0)	1778.5 (132657)	18.93	18.88	19.18	18.79
		1745 (132322)	19	19.16	19.03	18.85
		1711.5 (131987)	18.74	18.9	18.96	18.93
	15RB (0)	1778.5 (132657)	19.11	18.86	18.9	18.84
		1745 (132322)	18.93	19.09	19.01	18.79
		1711.5 (131987)	19.03	19.19	19.27	18.73
5MHz	1RB-High (24)	1777.5 (132647)	18.88	19.35	19.64	18.89
		1745 (132322)	18.89	19.33	19.08	18.74
		1712.5 (131997)	19.23	19.33	18.97	18.56
	1RB-Middle (12)	1777.5 (132647)	18.78	19.45	19.31	18.69
		1745 (132322)	18.84	19.12	19.29	18.68
		1712.5 (131997)	18.78	19.33	19.43	18.61
	1RB-Low (0)	1777.5 (132647)	19.03	19.23	19.37	18.77
		1745 (132322)	19.17	19.31	19.68	18.81
		1712.5 (131997)	19.16	19.43	19.22	18.84
12RB-High (13)	1777.5 (132647)	19.26	18.93	19.11	18.8	

		1745 (132322)	18.87	19.26	19.04	18.84	
		1712.5 (131997)	18.95	19.14	19.08	18.91	
		1777.5 (132647)	18.82	19	19.2	18.71	
	12RB-Middle (6)	1745 (132322)	19.14	19.04	18.92	18.86	
		1712.5 (131997)	19.08	18.91	18.94	18.82	
	12RB-Low (0)	1777.5 (132647)	18.93	18.98	18.82	18.8	
		1745 (132322)	18.96	19.13	18.78	18.56	
		1712.5 (131997)	18.86	19.11	18.79	18.92	
	25RB (0)	1777.5 (132647)	19.17	18.91	18.91	18.62	
1745 (132322)		19.17	19.13	19.16	18.98		
1712.5 (131997)		19.24	19.24	19.19	18.54		
10MHz	1RB-High (49)	1775 (132622)	18.98	19.07	19.4	19.11	
		1745 (132322)	18.9	19.49	19.1	18.98	
		1715 (132022)	19.1	19.41	18.99	18.64	
	1RB-Middle (24)	1775 (132622)	18.85	19.38	19.19	18.54	
		1745 (132322)	19.09	19.38	19.3	18.75	
		1715 (132022)	18.9	19.26	19.53	18.97	
	1RB-Low (0)	1775 (132622)	19.2	19.29	19.2	18.8	
		1745 (132322)	19.23	19.19	19.38	18.97	
		1715 (132022)	18.93	19.4	19.33	18.73	
	25RB-High (25)	1775 (132622)	19.1	19.13	19.28	18.56	
		1745 (132322)	18.86	18.89	18.98	18.67	
		1715 (132022)	19.15	19.01	19.03	18.79	
	25RB-Middle (12)	1775 (132622)	18.87	19.18	18.83	19.04	
		1745 (132322)	19.21	19.15	19.11	19.07	
		1715 (132022)	18.94	18.97	18.94	18.89	
	25RB-Low (0)	1775 (132622)	18.92	18.8	19.15	19.01	
		1745 (132322)	19.18	19.13	18.93	18.72	
		1715 (132022)	18.93	19.16	18.77	19.06	
	50RB (0)	1775 (132622)	18.8	18.94	19.09	18.66	
		1745 (132322)	18.89	19.17	19.07	18.6	
		1715 (132022)	19.03	19.31	19.03	18.82	
	15MHz	1RB-High (74)	1772.5 (132597)	19.09	19.26	19.46	18.96
			1745 (132322)	19.2	19.39	19.34	19.08
			1717.5 (132047)	18.98	19.44	19.32	18.55
		1RB-Middle (37)	1772.5 (132597)	19.03	19.13	19.01	18.71
			1745 (132322)	19.03	19.45	19.28	18.63
			1717.5 (132047)	18.88	19.58	19.48	18.99
1RB-Low (0)		1772.5 (132597)	18.93	19.43	19.32	18.71	
		1745 (132322)	19.07	19.49	19.64	19.05	
		1717.5 (132047)	19.11	19.41	19.31	18.92	

	36RB-High (38)	1772.5 (132597)	19.05	18.85	18.92	18.63
		1745 (132322)	19.09	19.24	19.12	18.89
		1717.5 (132047)	19.21	19.14	19.2	19.01
	36RB-Middle (19)	1772.5 (132597)	18.95	19.16	19.02	18.7
		1745 (132322)	19.08	18.87	19.15	19.05
		1717.5 (132047)	19.13	18.92	19.28	18.66
	36RB-Low (0)	1772.5 (132597)	18.77	18.82	18.93	18.97
		1745 (132322)	18.96	18.92	19.08	18.82
		1717.5 (132047)	18.89	19.16	18.83	18.97
	75RB (0)	1772.5 (132597)	18.91	19	19.14	18.68
		1745 (132322)	19.04	19.14	19.16	18.78
		1717.5 (132047)	19.27	19.17	18.9	18.72
20MHz	1RB-High (99)	1770 (132572)	19.02	19.16	19.53	18.92
		1745 (132322)	19	19.5	19.14	18.91
		1720 (132072)	19.03	19.41	19.12	18.66
	1RB-Middle (50)	1770 (132572)	18.95	19.3	19.19	18.73
		1745 (132322)	19.03	19.31	19.41	18.7
		1720 (132072)	18.98	19.39	19.33	18.8
	1RB-Low (0)	1770 (132572)	19.08	19.32	19.34	18.76
		1745 (132322)	19.09	19.34	19.51	18.87
		1720 (132072)	19.11	19.25	19.2	18.86
	50RB-High (50)	1770 (132572)	19.08	19.04	19.1	18.7
		1745 (132322)	19.06	19.07	19.12	18.77
		1720 (132072)	19.11	19.05	19.17	18.82
	50RB-Middle (25)	1770 (132572)	18.98	19	19	18.85
		1745 (132322)	19.03	19.07	19.02	18.87
		1720 (132072)	19.14	19.11	19.1	18.81
	50RB-Low (0)	1770 (132572)	18.92	18.97	19.02	18.92
		1745 (132322)	19.12	19.02	18.91	18.74
		1720 (132072)	18.93	18.98	18.97	18.87
	100RB (0)	1770 (132572)	18.98	18.97	19.06	18.7
		1745 (132322)	18.97	19.11	19.04	18.8
		1720 (132072)	19.09	19.11	19.1	18.66

LTE Band66(ANT4 DSI8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
1.4MHz	1RB-High (5)	1779.3 (132665)	22	22.39	22	19.05	
		1745 (132322)	22.32	22.81	22.02	18.86	
		1710.7 (131979)	22.33	22.71	21.95	18.95	
	1RB-Middle (3)	1779.3 (132665)	22.13	22.43	22.14	18.64	
		1745 (132322)	22.22	22.69	22.14	18.85	
		1710.7 (131979)	22	22.77	22.3	18.84	
	1RB-Low (0)	1779.3 (132665)	22.27	22.38	21.8	19.22	
		1745 (132322)	22.32	22.59	22.28	18.5	
		1710.7 (131979)	22.48	22.6	22.21	18.71	
	3RB-High (3)	1779.3 (132665)	22.05	22.34	22.27	18.98	
		1745 (132322)	22.31	22.83	22.15	18.83	
		1710.7 (131979)	22.38	22.44	22.14	18.77	
	3RB-Middle (1)	1779.3 (132665)	22.06	22.45	22.07	18.7	
		1745 (132322)	22.43	22.63	21.91	18.76	
		1710.7 (131979)	22.14	22.4	22.03	18.72	
	3RB-Low (0)	1779.3 (132665)	22.07	22.47	21.97	19.25	
		1745 (132322)	22.26	22.72	22.02	18.71	
		1710.7 (131979)	22.4	22.63	22.16	18.67	
	6RB (0)	1779.3 (132665)	22.17	21.76	20.67	19.05	
		1745 (132322)	22.21	21.72	20.97	18.8	
		1710.7 (131979)	22.16	21.87	21.04	18.45	
	3MHz	1RB-High (14)	1778.5 (132657)	22.1	22.33	22.09	19.12
			1745 (132322)	22.07	22.8	21.89	18.75
			1711.5 (131987)	22.28	22.45	21.8	18.8
		1RB-Middle (7)	1778.5 (132657)	22.17	22.58	22.08	18.58
			1745 (132322)	22.3	22.59	22.26	19.03
			1711.5 (131987)	22.13	22.5	22.26	18.93
1RB-Low (0)		1778.5 (132657)	22.3	22.47	21.86	18.95	
		1745 (132322)	22.09	22.49	22.24	18.8	
		1711.5 (131987)	22.28	22.42	22.04	18.55	
8RB-High (7)		1778.5 (132657)	22.06	21.69	20.75	19.01	
		1745 (132322)	22.46	21.78	20.8	18.47	
		1711.5 (131987)	22.09	21.83	20.84	18.77	
8RB-Middle (4)		1778.5 (132657)	22.18	21.61	21.03	18.58	
		1745 (132322)	22.4	21.84	20.82	18.64	
		1711.5 (131987)	22.5	21.69	21.06	19.05	
8RB-Low (0)		1778.5 (132657)	22.13	22.01	20.81	18.73	
		1745 (132322)	22.19	21.76	20.79	18.82	

		1711.5 (131987)	22.12	21.73	20.91	18.84	
	15RB (0)	1778.5 (132657)	22.1	21.53	20.95	18.7	
		1745 (132322)	22.31	21.74	20.88	18.9	
		1711.5 (131987)	22.27	21.9	21.02	18.91	
5MHz	1RB-High (24)	1777.5 (132647)	22.33	22.21	22.17	19.07	
		1745 (132322)	22.32	22.49	21.91	18.61	
		1712.5 (131997)	22.33	22.4	21.84	18.88	
	1RB-Middle (12)	1777.5 (132647)	22.29	22.4	21.98	18.47	
		1745 (132322)	22.11	22.72	21.88	19.1	
		1712.5 (131997)	21.99	22.51	22.22	18.68	
	1RB-Low (0)	1777.5 (132647)	22.07	22.56	21.81	18.86	
		1745 (132322)	22.15	22.69	22.03	18.88	
		1712.5 (131997)	22.33	22.3	22.35	18.66	
	12RB-High (13)	1777.5 (132647)	22.37	21.73	21.03	18.94	
		1745 (132322)	22.32	21.73	21	18.56	
		1712.5 (131997)	22.16	21.93	20.91	18.42	
	12RB-Middle (6)	1777.5 (132647)	22.16	21.93	20.99	18.76	
		1745 (132322)	22.44	21.82	20.7	18.58	
		1712.5 (131997)	22.51	22.06	21.2	19.19	
	12RB-Low (0)	1777.5 (132647)	22.19	21.74	20.81	18.83	
		1745 (132322)	22.11	22.12	20.81	18.78	
		1712.5 (131997)	22.15	21.57	20.84	18.84	
	25RB (0)	1777.5 (132647)	22.07	21.62	20.88	18.93	
		1745 (132322)	22.11	21.93	21.03	19	
		1712.5 (131997)	22.36	21.9	21.09	18.82	
	10MHz	1RB-High (49)	1775 (132622)	22.27	22.42	22.04	18.95
			1745 (132322)	22.02	22.72	21.97	18.57
			1715 (132022)	22.12	22.4	21.9	18.86
1RB-Middle (24)		1775 (132622)	22.21	22.74	22.16	18.64	
		1745 (132322)	22.16	22.7	21.88	19	
		1715 (132022)	22.21	22.67	22.38	18.95	
1RB-Low (0)		1775 (132622)	22.06	22.38	21.79	19.16	
		1745 (132322)	22.47	22.37	22.33	18.7	
		1715 (132022)	22.23	22.49	22.16	18.87	
25RB-High (25)		1775 (132622)	22.25	21.77	20.88	18.94	
		1745 (132322)	22.13	21.73	20.7	18.86	
		1715 (132022)	22.28	21.91	21.2	18.42	
25RB-Middle (12)		1775 (132622)	22.33	21.98	20.71	18.63	
		1745 (132322)	22.29	21.7	20.9	18.54	
		1715 (132022)	22.44	21.89	20.98	19.13	
25RB-Low (0)		1775 (132622)	21.94	21.77	20.79	18.63	

	50RB (0)	1745 (132322)	22.13	22.07	20.87	18.79	
		1715 (132022)	22.15	21.71	20.8	18.9	
		1775 (132622)	22.2	21.85	20.63	18.67	
		1745 (132322)	22.36	21.84	20.78	19	
		1715 (132022)	22.41	22.11	20.88	18.7	
15MHz	1RB-High (74)	1772.5 (132597)	22.27	22.23	22.25	19.09	
		1745 (132322)	22.33	22.74	21.85	18.57	
		1717.5 (132047)	22.33	22.6	21.89	18.87	
	1RB-Middle (37)	1772.5 (132597)	22.18	22.67	21.99	18.59	
		1745 (132322)	22.15	22.43	22.08	19.03	
		1717.5 (132047)	22.2	22.7	22.35	18.93	
	1RB-Low (0)	1772.5 (132597)	22.16	22.6	21.82	19.23	
		1745 (132322)	22.24	22.59	22.37	18.83	
		1717.5 (132047)	22.19	22.5	22.25	18.59	
	36RB-High (38)	1772.5 (132597)	22.29	22.05	21.01	19.07	
		1745 (132322)	22.36	21.69	20.86	18.65	
		1717.5 (132047)	22.4	21.81	20.85	18.72	
	36RB-Middle (19)	1772.5 (132597)	22.21	21.79	20.67	18.58	
		1745 (132322)	22.33	22	20.66	18.56	
		1717.5 (132047)	22.4	21.96	21.06	19.09	
	36RB-Low (0)	1772.5 (132597)	22.18	22.06	20.81	18.87	
		1745 (132322)	22.46	22.08	20.84	18.78	
		1717.5 (132047)	22.18	21.69	20.67	18.91	
	75RB (0)	1772.5 (132597)	22.16	21.63	20.74	18.98	
		1745 (132322)	22.14	21.67	20.76	18.81	
		1717.5 (132047)	22.32	21.96	21	18.97	
	20MHz	1RB-High (99)	1770 (132572)	22.19	22.31	22.1	18.93
			1745 (132322)	22.19	22.68	22.03	18.72
			1720 (132072)	22.28	22.59	21.98	18.87
		1RB-Middle (50)	1770 (132572)	22.13	22.54	22.07	18.61
			1745 (132322)	22.25	22.56	22.06	18.9
			1720 (132072)	22.18	22.59	22.22	18.79
1RB-Low (0)		1770 (132572)	22.26	22.49	21.93	19.05	
		1745 (132322)	22.29	22.54	22.21	18.68	
		1720 (132072)	22.34	22.47	22.17	18.67	
50RB-High (50)		1770 (132572)	22.26	21.85	20.86	18.94	
		1745 (132322)	22.3	21.78	20.87	18.67	
		1720 (132072)	22.29	21.94	21.02	18.62	
50RB-Middle (25)		1770 (132572)	22.28	21.81	20.84	18.71	
		1745 (132322)	22.32	21.82	20.82	18.73	
		1720 (132072)	22.37	21.87	21.01	18.99	

	50RB-Low (0)	1770 (132572)	22.14	21.86	20.85	18.78
		1745 (132322)	22.3	21.93	20.78	18.72
		1720 (132072)	22.09	21.77	20.85	19
	100RB (0)	1770 (132572)	22.14	21.72	20.8	18.85
		1745 (132322)	22.2	21.77	20.85	18.8
		1720 (132072)	22.27	21.94	21.03	18.85

LTE Band71(ANT0 DSI0/2/3/8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	695.5 (133447)	23.92	23.12	21.99	19.01	
		680.5 (133297)	23.73	23.07	21.98	18.96	
		665.5 (133147)	24.18	23.52	22.31	18.94	
	1RB-Middle (12)	695.5 (133447)	24.00	23.32	22.10	18.79	
		680.5 (133297)	23.92	23.24	22.23	18.86	
		665.5 (133147)	24.07	23.51	22.13	18.99	
	1RB-Low (0)	695.5 (133447)	24.01	23.34	22.08	19.03	
		680.5 (133297)	24.03	23.34	21.99	18.89	
		665.5 (133147)	23.86	23.08	22.32	18.74	
	12RB-High (13)	695.5 (133447)	22.93	22.07	20.91	18.84	
		680.5 (133297)	22.86	21.88	20.85	19.09	
		665.5 (133147)	23.18	22.30	21.27	18.97	
	12RB-Middle (6)	695.5 (133447)	23.07	22.09	21.07	19.00	
		680.5 (133297)	22.90	21.93	20.92	19.07	
		665.5 (133147)	23.13	22.19	21.12	18.75	
	12RB-Low (0)	695.5 (133447)	23.08	22.03	21.01	19.08	
		680.5 (133297)	22.92	21.88	20.96	19.05	
		665.5 (133147)	22.93	21.98	20.94	19.03	
	25RB (0)	695.5 (133447)	23.03	22.05	21.05	18.77	
		680.5 (133297)	22.93	21.85	20.87	19.08	
		665.5 (133147)	23.08	22.07	21.06	18.76	
	10MHz	1RB-High (49)	693 (132422)	23.83	23.17	22.02	18.96
			680.5 (133297)	23.79	22.98	22.04	19.08
			668 (133172)	24.04	23.40	22.21	18.73
1RB-Middle (24)		693 (132422)	24.00	23.31	22.10	18.97	
		680.5 (133297)	23.93	23.43	22.04	18.75	
		668 (133172)	24.22	23.57	22.50	18.83	
1RB-Low (0)		693 (132422)	23.84	23.10	21.99	19.08	
		680.5 (133297)	24.03	23.26	22.02	19.05	
		668 (133172)	23.91	23.21	22.05	18.93	
25RB-High (25)	693 (132422)	22.92	21.92	20.86	18.84		

	25RB-Middle (12)	680.5 (133297)	22.88	21.85	20.82	19.04	
		668 (133172)	23.20	22.23	21.25	18.70	
		693 (132422)	23.00	22.08	21.02	18.83	
		680.5 (133297)	22.89	21.92	20.93	18.90	
		668 (133172)	23.19	22.33	21.32	19.07	
		693 (132422)	22.98	22.00	20.98	18.81	
	25RB-Low (0)	680.5 (133297)	22.94	21.95	20.97	18.90	
		668 (133172)	23.11	22.16	21.15	18.71	
		693 (132422)	22.93	21.99	20.98	19.01	
	50RB (0)	680.5 (133297)	22.95	21.89	20.96	18.81	
		668 (133172)	23.16	22.20	21.29	18.72	
		693 (132422)	22.93	21.99	20.98	19.01	
15MHz	1RB-High (74)	690.5 (133397)	23.60	22.93	21.76	18.95	
		680.5 (133297)	23.61	23.10	21.77	18.83	
		670.5 (133197)	23.66	22.85	21.77	18.95	
	1RB-Middle (37)	690.5 (133397)	23.78	22.93	21.92	19.09	
		680.5 (133297)	23.88	22.87	21.82	18.92	
		670.5 (133197)	24.04	23.37	22.17	18.90	
	1RB-Low (0)	690.5 (133397)	23.67	22.94	22.11	18.81	
		680.5 (133297)	23.95	23.14	21.96	18.75	
		670.5 (133197)	23.90	23.32	21.88	18.79	
	36RB-High (38)	690.5 (133397)	22.82	21.81	20.79	19.01	
		680.5 (133297)	22.70	21.70	20.73	18.90	
		670.5 (133197)	22.89	21.92	20.92	18.76	
	36RB-Middle (19)	690.5 (133397)	22.78	21.85	20.86	18.72	
		680.5 (133297)	22.74	21.75	20.84	18.89	
		670.5 (133197)	23.04	22.06	21.10	19.07	
	36RB-Low (0)	690.5 (133397)	22.73	21.81	20.74	18.93	
		680.5 (133297)	22.81	21.90	20.89	18.92	
		670.5 (133197)	23.02	22.09	21.09	19.03	
	75RB (0)	690.5 (133397)	22.78	21.87	20.79	18.85	
		680.5 (133297)	22.81	21.81	20.89	19.05	
		670.5 (133197)	23.04	22.05	21.09	18.80	
	20MHz	1RB-High (99)	688 (133372)	23.69	23.16	21.83	18.98
			683 (133322)	23.74	22.84	21.69	18.69
			673 (133222)	23.57	23.09	21.84	18.78
		1RB-Middle (50)	688 (133372)	23.68	22.73	21.95	18.85
			683 (133322)	24.20	22.98	21.78	18.79
			673 (133222)	23.81	23.08	22.06	19.04
1RB-Low (0)		688 (133372)	23.64	23.20	21.95	18.77	
		683 (133322)	23.87	22.93	21.89	18.77	
		673 (133222)	23.72	22.99	21.94	18.89	

	50RB-High (50)	688 (133372)	22.83	21.79	20.82	18.89
		683 (133322)	22.67	21.78	20.71	18.98
		673 (133222)	22.77	21.70	20.88	18.74
	50RB-Middle (25)	688 (133372)	22.78	21.80	20.77	18.77
		683 (133322)	22.74	21.85	20.74	19.03
		673 (133222)	22.86	22.06	21.05	18.75
	50RB-Low (0)	688 (133372)	22.84	21.77	20.86	18.85
		683 (133322)	22.87	21.85	20.82	18.72
		673 (133222)	22.85	22.06	20.97	19.06
100RB (0)	688 (133372)	22.78	21.87	20.85	18.71	
	683 (133322)	22.79	21.68	20.89	18.89	
	673 (133222)	23.01	21.95	21.03	19.04	

LTE Band71(ANT2 DSI0/2/3/8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	695.5 (133447)	19.43	18.12	17.36	14.61
		680.5 (133297)	19.68	18.51	17.29	14.27
		665.5 (133147)	19.59	18.32	17.29	14.35
	1RB-Middle (12)	695.5 (133447)	19.53	18.46	16.92	14.42
		680.5 (133297)	19.62	18.54	17.31	14.35
		665.5 (133147)	19.58	19.46	17.49	14.2
	1RB-Low (0)	695.5 (133447)	19.54	18.51	17.42	14.2
		680.5 (133297)	19.82	18.52	17.45	14.41
		665.5 (133147)	19.55	18.57	17.5	14.29
	12RB-High (13)	695.5 (133447)	18.19	17.18	16.23	14.18
		680.5 (133297)	18.2	17.2	16.19	14.39
		665.5 (133147)	18.33	17.21	16.21	14.5
	12RB-Middle (6)	695.5 (133447)	18.17	17.18	16.26	14.3
		680.5 (133297)	18.51	17.09	16.26	14.33
		665.5 (133147)	18.41	17.32	16.42	14.19
	12RB-Low (0)	695.5 (133447)	18.21	17.07	16.23	14.42
		680.5 (133297)	18.16	17.19	16.35	14.37
		665.5 (133147)	18.41	17.56	16.4	14.4
	25RB (0)	695.5 (133447)	18.33	17.22	16.32	14.41
		680.5 (133297)	18.16	17.07	16.1	14.43
		665.5 (133147)	18.47	17.55	16.36	14.46
10MHz	1RB-High (49)	693 (132422)	19.44	18.17	17.34	14.56
		680.5 (133297)	19.6	18.52	17.19	14.3
		668 (133172)	19.54	18.22	17.3	14.44
	1RB-Middle (24)	693 (132422)	19.51	18.52	17.1	14.39

	1RB-Low (0)	680.5 (133297)	19.66	18.53	17.29	14.31	
		668 (133172)	19.6	19.47	17.43	14.16	
		693 (132422)	19.52	18.43	17.44	14.38	
	25RB-High (25)	680.5 (133297)	19.69	18.5	17.34	14.39	
		668 (133172)	19.61	18.45	17.45	14.36	
		693 (132422)	18.19	17.16	16.18	14.16	
	25RB-Middle (12)	680.5 (133297)	18.16	17.07	16.31	14.36	
		668 (133172)	18.14	17.22	16.19	14.49	
		693 (132422)	18.18	17.33	16.3	14.37	
	25RB-Low (0)	680.5 (133297)	18.43	17.15	16.21	14.31	
		668 (133172)	18.34	17.42	16.46	14.31	
		693 (132422)	18.2	17.05	16.15	14.44	
	50RB (0)	680.5 (133297)	18.17	17.25	16.41	14.46	
		668 (133172)	18.33	17.45	16.45	14.35	
		693 (132422)	18.37	17.3	16.23	14.49	
	15MHz	1RB-High (74)	680.5 (133297)	18.16	17.11	16.16	14.55
			668 (133172)	18.47	17.52	16.35	14.43
			690.5 (133397)	19.55	18.06	17.35	14.56
1RB-Middle (37)		680.5 (133297)	19.51	18.34	17.3	14.36	
		670.5 (133197)	19.64	18.25	17.17	14.36	
		690.5 (133397)	19.5	18.47	16.97	14.44	
1RB-Low (0)		680.5 (133297)	19.69	18.5	17.37	14.34	
		670.5 (133197)	19.54	19.46	17.41	14.32	
		690.5 (133397)	19.67	18.52	17.47	14.21	
36RB-High (38)		680.5 (133297)	19.75	18.5	17.45	14.48	
		670.5 (133197)	19.58	18.45	17.33	14.37	
		690.5 (133397)	18.19	17.25	16.21	14.21	
36RB-Middle (19)		680.5 (133297)	18.06	17.1	16.26	14.47	
		670.5 (133197)	18.23	17.3	16.31	14.38	
		690.5 (133397)	18.28	17.34	16.24	14.33	
36RB-Low (0)		680.5 (133297)	18.42	17.12	16.22	14.32	
		670.5 (133197)	18.28	17.3	16.47	14.37	
		690.5 (133397)	18.2	17.25	16.19	14.48	
75RB (0)	680.5 (133297)	18.25	17.31	16.42	14.49		
	670.5 (133197)	18.33	17.59	16.42	14.28		
	690.5 (133397)	18.37	17.32	16.23	14.48		
20MHz	1RB-High (99)	680.5 (133297)	18.21	17.08	16.24	14.46	
		670.5 (133197)	18.38	17.4	16.39	14.55	
		688 (133372)	19.5	18.15	17.31	14.55	
		683 (133322)	19.58	18.43	17.22	14.35	
		673 (133222)	19.58	18.27	17.23	14.35	

1RB-Middle (50)	688 (133372)	19.55	18.52	17.02	14.37
	683 (133322)	19.59	18.47	17.27	14.37
	673 (133222)	19.58	19.44	17.39	14.25
1RB-Low (0)	688 (133372)	19.58	18.47	17.47	14.29
	683 (133322)	19.77	18.56	17.37	14.39
	673 (133222)	19.61	18.52	17.4	14.34
50RB-High (50)	688 (133372)	18.19	17.22	16.23	14.25
	683 (133322)	18.14	17.14	16.22	14.42
	673 (133222)	18.24	17.27	16.25	14.44
50RB-Middle (25)	688 (133372)	18.22	17.26	16.27	14.33
	683 (133322)	18.41	17.13	16.21	14.36
	673 (133222)	18.34	17.4	16.47	14.28
50RB-Low (0)	688 (133372)	18.26	17.15	16.25	14.42
	683 (133322)	18.26	17.27	16.33	14.45
	673 (133222)	18.4	17.49	16.47	14.36
100RB (0)	688 (133372)	18.35	17.32	16.33	14.41
	683 (133322)	18.23	17.17	16.15	14.5
	673 (133222)	18.46	17.49	16.37	14.46

LTE Carrier Aggregation Conducted Power (Uplink)
ULCA_7C ANT1(DSI 0/2/3)

UL LTE CA Class	PCC					SCC				conducted power (dBm)
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	
CA_7C	20M	21350	3350	1	99	20M	3152	1	0	14.71
CA_7C	20M	21350	3350	1	99	15M	3179	1	0	14.56
CA_7C	20M	21350	3350	1	99	10M	3206	1	0	18.96
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	20.11
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	20.02
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	20.09
CA_7C	15M	21375	3375	1	74	15M	3225	1	0	14.82
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	19.97
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	20.06
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	19.94
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	19.95
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	19.91
CA_7C	20M	20850	2850	1	0	20M	3048	1	99	14.53
CA_7C	20M	20850	2850	1	0	15M	3021	1	74	14.64
CA_7C	20M	20850	2850	1	0	10M	2994	1	49	14.67
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	22.95
CA_7C	15M	20825	2825	1	0	15M	2975	1	74	14.61
CA_7C	15M	20825	2825	1	0	10M	2945	1	49	14.69

ULCA_7C ANT1(DSI8/13)

UL LTE CA Class	PCC					SCC				conducted power (dBm)
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	
CA_7C	20M	21350	3350	1	99	20M	3152	1	0	14.77
CA_7C	20M	21350	3350	1	99	15M	3179	1	0	14.66
CA_7C	20M	21350	3350	1	99	10M	3206	1	0	19.01
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	20.20
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	19.92
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	20.02
CA_7C	15M	21375	3375	1	74	15M	3225	1	0	14.92
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	20.00
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	20.03
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	20.00
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	19.88
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	19.86
CA_7C	20M	20850	2850	1	0	20M	3048	1	99	14.48
CA_7C	20M	20850	2850	1	0	15M	3021	1	74	14.54
CA_7C	20M	20850	2850	1	0	10M	2994	1	49	14.68
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	21.58
CA_7C	15M	20825	2825	1	0	15M	2975	1	74	14.57
CA_7C	15M	20825	2825	1	0	10M	2945	1	49	14.65

ULCA_41C ANT1(DSI 0/2/3)

UL LTE CA Class	PCC				SCC				conducted power (dBm)
	PCC Bandw	channel	RB	RB OFFSET	SCC Bandw	channel	RB	RB OFFSET	
CA_41C	20M	41490	1	99	20M	41292	1	0	15.5
CA_41C	20M	41490	1	99	15M	41319	1	0	15.45
CA_41C	20M	41490	1	99	10M	41346	1	0	15.43
CA_41C	20M	41490	1	99	5M	41373	1	0	18.96
CA_41C	20M	39750	1	99	5M	39867	1	0	23.81
CA_41C	20M	39750	1	99	20M	39948	1	0	23.72
CA_41C	20M	39750	1	99	15M	39921	1	0	21.87
CA_41C	20M	39750	1	99	10M	39894	1	0	23.86
CA_41C	15M	41515	1	74	15M	41365	1	0	15.17
CA_41C	15M	41515	1	74	10M	41395	1	0	15.21
CA_41C	15M	39725	1	74	10M	39845	1	0	23.6
CA_41C	20M	41490	1	0	20M	41292	1	99	23.83
CA_41C	20M	41490	1	0	15M	41319	1	74	23.93
CA_41C	20M	41490	1	0	10M	41346	1	49	23.9
CA_41C	20M	39750	1	0	5M	39867	1	24	15.39
CA_41C	20M	41490	1	0	5M	41373	1	24	23.92
CA_41C	20M	39750	1	0	20M	39948	1	99	15.41
CA_41C	20M	39750	1	0	15M	39921	1	74	15.48
CA_41C	20M	39750	1	0	10M	39894	1	49	15.43
CA_41C	15M	41515	1	0	15M	41365	1	74	21.33
CA_41C	15M	41515	1	0	10M	41395	1	49	21.23
CA_41C	15M	39725	1	0	10M	39845	1	49	15.45

ULCA_41C ANT1(DSI 0/2/3)

UL LTE CA Class	PCC				SCC				conducted power (dBm)
	PCC Bandwidth	channel	RB	RB OFFSET	SCC Bandwidth	channel	RB	RB OFFSET	
CA_41C	20M	41490	1	99	20M	41292	1	0	15.25
CA_41C	20M	41490	1	99	15M	41319	1	0	15.1
CA_41C	20M	41490	1	99	10M	41346	1	0	15.09
CA_41C	20M	41490	1	99	5M	41373	1	0	18.7
CA_41C	20M	39750	1	99	5M	39867	1	0	20.32
CA_41C	20M	39750	1	99	20M	39948	1	0	20.27
CA_41C	20M	39750	1	99	15M	39921	1	0	18.32
CA_41C	20M	39750	1	99	10M	39894	1	0	20.33
CA_41C	15M	41515	1	74	15M	41365	1	0	14.92
CA_41C	15M	41515	1	74	10M	41395	1	0	14.96
CA_41C	15M	39725	1	74	10M	39845	1	0	19.75
CA_41C	20M	41490	1	0	20M	41292	1	99	20.37
CA_41C	20M	41490	1	0	15M	41319	1	74	20.4
CA_41C	20M	41490	1	0	10M	41346	1	49	20.38
CA_41C	20M	39750	1	0	5M	39867	1	24	15.06
CA_41C	20M	41490	1	0	5M	41373	1	24	20.32
CA_41C	20M	39750	1	0	20M	39948	1	99	15.13
CA_41C	20M	39750	1	0	15M	39921	1	74	15.16
CA_41C	20M	39750	1	0	10M	39894	1	49	15.18
CA_41C	15M	41515	1	0	15M	41365	1	74	20.28
CA_41C	15M	41515	1	0	10M	41395	1	49	20.23
CA_41C	15M	39725	1	0	10M	39845	1	49	15.16

ULCA_48C ANT5(DSI 0)

UL LTE CA Class	PCC				SCC				conducted power (dBm)
	PCC Bandwidth	channel	RB	RB OFFSET	SCC Bandwidth	channel	RB	RB OFFSET	
CA_48C	20M	55340	1	99	5M	55457	1	0	21.62
CA_48C	20M	55340	1	99	10M	55484	1	0	23.53
CA_48C	20M	55340	1	99	15M	55511	1	0	23.45
CA_48C	20M	55340	1	99	20M	55538	1	0	23.4
CA_48C	20M	55340	1	0	5M	55457	1	24	15.26
CA_48C	20M	55340	1	0	10M	55484	1	49	15.35
CA_48C	20M	55340	1	0	15M	55511	1	74	17.71
CA_48C	20M	55340	1	0	20M	55538	1	99	18.98

ULCA_48C ANT5(DSI 2)

UL LTE CA Class	PCC				SCC				conducted power (dBm)
	PCC Bandwidth	channel	RB	RB OFFSET	SCC Bandwidth	channel	RB	RB OFFSET	
CA_48C	20M	55340	1	99	5M	55457	1	0	15.44
CA_48C	20M	55340	1	99	10M	55484	1	0	18.33
CA_48C	20M	55340	1	99	15M	55511	1	0	18.26
CA_48C	20M	55340	1	99	20M	55538	1	0	18.3
CA_48C	20M	55340	1	0	5M	55457	1	24	14.58
CA_48C	20M	55340	1	0	10M	55484	1	49	14.69
CA_48C	20M	55340	1	0	15M	55511	1	74	17.34
CA_48C	20M	55340	1	0	20M	55538	1	99	17.45

ULCA_48C ANT5(DSI 8)

UL LTE CA Class	PCC				SCC				conducted power (dBm)
	PCC Bandwidth	channel	RB	RB OFFSET	SCC Bandwidth	channel	RB	RB OFFSET	
CA_48C	20M	55340	1	99	5M	55457	1	0	20.32
CA_48C	20M	55340	1	99	10M	55484	1	0	21.58
CA_48C	20M	55340	1	99	15M	55511	1	0	21.45
CA_48C	20M	55340	1	99	20M	55538	1	0	21.38
CA_48C	20M	55340	1	0	5M	55457	1	24	15.11
CA_48C	20M	55340	1	0	10M	55484	1	49	15.25
CA_48C	20M	55340	1	0	15M	55511	1	74	17.35
CA_48C	20M	55340	1	0	20M	55538	1	99	18.57

ULCA_48C ANT5(DSI 13)

UL LTE CA Class	PCC				SCC				conducted power (dBm)
	PCC Bandwidth	channel	RB	RB OFFSET	SCC Bandwidth	channel	RB	RB OFFSET	
CA_48C	20M	55340	1	99	5M	55457	1	0	18.32
CA_48C	20M	55340	1	99	10M	55484	1	0	19.56
CA_48C	20M	55340	1	99	15M	55511	1	0	19.47
CA_48C	20M	55340	1	99	20M	55538	1	0	19.45
CA_48C	20M	55340	1	0	5M	55457	1	24	15.36
CA_48C	20M	55340	1	0	10M	55484	1	49	15.27
CA_48C	20M	55340	1	0	15M	55511	1	74	17.21
CA_48C	20M	55340	1	0	20M	55538	1	99	17.58

11.4 NR 5G Measurement result
Table 11.3: The maximum output power(Tune-up Limit)

Band	ANT	Body Sensor off	Head Standalone	Head simultaneous transmission	Body Standalone	Body simultaneous transmission
		DSI 0 (Power Level A1)	DSI 2 (Power Level B1)	DSI 3 (Power Level C1)	DSI 8 (Power Level D1)	DSI 13 (Power Level E1)
n7	1	24	24	24	23.5	23.5
n7	4	24	18.1	18.1	22.5	22.5
n25	1	25	25	25	21.2	21.2
n25	4	25	20	20	22.5	22.5
n41	1	27	27	27	19.7	19.7
n41	4	27	17.8	17.8	25.5	23.1
n41	3	26	26	26	24.4	24.4
n41	8	23	21.2	18.2	23	23
n48	5	25	17.5	17.5	20.2	20.2
n48	7	24.2	16.9	16.9	20.9	19.5
n48	4	19.8	17.5	17.5	19.8	19.8
n48	2	19.8	19.8	19.8	19.8	19.8
n66	1	25	25	25	20.3	20.3
n66	4	25	21	21	23.6	23.6
n71	0	25	25	25	25	25
n71	2	21	21	21	21	21
n78	5	27	17.7	17.7	20.2	20.2
n78	7	26.5	17.2	17.2	21.2	17
n78	4	23.5	17.5	16.5	23.5	21.5
n78	2	20	20	17.5	20	20

Table 11.4: Maximum Power Reduction (MPR) for NR (power class 3)

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

Table 11.5: Maximum Power Reduction (MPR) for NR (power class 2)

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

n7(ANT1 DSI0/2/3)

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	23.47
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	23.52
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	23.36
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	23.46
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	23.48
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	23.42

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	23.44
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	23.47
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	22.08
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	20.02
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	23.18
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	22.56
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	21.15
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	18.09
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	23.45
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	23.41
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	23.43
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	23.38
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	23.45
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	23.44
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	23.28
14	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2565	513000	23.35
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	23.41
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2505	501000	23.37
17	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2562.5	512500	23.46
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	23.44
19	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2507.5	501500	23.41

n7(ANT1 DSI8/13)

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	22.69
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	22.78
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	22.58
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	22.67
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	22.73
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	22.74

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	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	22.68
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	22.76
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	21.18
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	19.14
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	22.66
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	21.66
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	20.33
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	17.19
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	22.76
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	22.61
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	22.68
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	22.66
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	22.73
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	22.68
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	22.67
14	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2565	513000	22.68
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	22.61
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2505	501000	22.64
17	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2562.5	512500	22.61
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	22.66
19	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2507.5	501500	22.59

n7(ANT4 DSI0)

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	22.83
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	23.07
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	22.88
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	23.02
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	23.02
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	23.04

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	23.01
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	23.05
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	21.57
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	19.43
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	22.53
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	21.96
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	20.55
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	17.51
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	22.79
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	22.81
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	22.86
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	22.78
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	22.88
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	22.84
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	22.80
14	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2565	513000	22.76
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	22.79
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2505	501000	22.86
17	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2562.5	512500	22.97
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	23.02
19	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2507.5	501500	23.01

n7(ANT4 DSI2/3)

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	16.64
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	16.79
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	16.67
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	16.72
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	16.77
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	16.71

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	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	16.61
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	16.63
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	16.57
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	16.45
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	16.65
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	16.48
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	16.61
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	16.56
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	16.65
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	16.49
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	16.65
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	16.47
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	16.62
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	16.56
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	16.62
14	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2565	513000	16.61
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	16.58
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2505	501000	16.56
17	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2562.5	512500	16.52
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	16.53
19	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2507.5	501500	16.55

n7(ANT4 DSI8/13)

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	21.78
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	22.11
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	21.93
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	22.01
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	22.01
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	21.99

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	22
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	21.9
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	21.51
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	19.46
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	21.97
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	21.99
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	20.51
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	17.43
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	21.90
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	22.03
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	21.96
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	21.98
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	21.94
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	22.03
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	21.92
14	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2565	513000	21.96
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	22
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2505	501000	21.99
17	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2562.5	512500	21.91
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	21.96
19	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2507.5	501500	21.93

n25(ANT1 DSI0/2/3)

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	24.01
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	24.28
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	24.06
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1905	381000	23.41
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	24.12
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	23.97

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

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	Middle	15	5	DFT-s-OFDM Pi/2 BPSK1	Inner_Full	12_6	1882.5	376500	23.93
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	23.88
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	22.41
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	20.48
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1882.5	376500	23.44
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	22.85
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	21.28
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	18.47
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1882.5	376500	23.91
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	23.91
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1882.5	376500	23.63
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	23.91
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1882.5	376500	23.86
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	23.93
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1882.5	376500	23.81
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	23.86
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	24.03

n25(ANT1 DSI8/13)

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	19.51
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	19.68
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	19.65
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1905	381000	19.52
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	19.61
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	19.57

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

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1882.5	376500	19.43
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	19.48
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	19.44
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	19.53
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1882.5	376500	19.42
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	19.56
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	19.39
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	18.45
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1882.5	376500	19.57
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	19.53
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1882.5	376500	19.46
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	19.50
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1882.5	376500	19.56
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	19.52
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1882.5	376500	19.46
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	19.54
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	19.59

n25(ANT4 DSI0)

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	23.54
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	24.01
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	23.75
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1905	381000	23.27
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	23.91
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	23.89

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

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1882.5	376500	23.69
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	23.73
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	22.31
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	20.28
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1882.5	376500	23.2
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	22.66
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	21.15
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	18.31
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1882.5	376500	23.70
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	23.78
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1882.5	376500	23.74
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	23.88
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1882.5	376500	23.77
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	23.84
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1882.5	376500	23.64
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	23.75
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	23.96

n25(ANT4 DSI2/3)

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	18.58
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	18.74
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	18.62
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1905	381000	18.67
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	18.68
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	18.71

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

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1882.5	376500	18.66
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	18.51
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	18.45
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	18.47
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1882.5	376500	18.66
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	18.45
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	18.47
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	18.28
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1882.5	376500	18.58
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	18.54
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1882.5	376500	18.71
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	18.65
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1882.5	376500	18.68
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	18.63
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1882.5	376500	18.54
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	18.51
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	18.53

n25(ANT4 DSI8/13)

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	21.70
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	21.93
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	21.92
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1905	381000	21.53
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1882.5	376500	21.88
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	21.89

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

No.	Test Freq Description	5G-n25							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n25
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1882.5	376500	21.72
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	21.72
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	21.9
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	19.47
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1882.5	376500	21.78
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1882.5	376500	21.83
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1882.5	376500	21.12
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1882.5	376500	18.12
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1882.5	376500	21.76
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1882.5	376500	21.80
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1882.5	376500	21.82
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1882.5	376500	21.86
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1882.5	376500	21.89
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1882.5	376500	21.85
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1882.5	376500	21.79
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1882.5	376500	21.83
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1882.5	376500	21.75

n41(ANT1 DSI0/2/3)

No.	Test Freq Description	5G-n41						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		NR Test CH.
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	26.72
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	26.66
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	26.81
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	26.56
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	26.49
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	26.56
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	26.47
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	26.39
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	26.37
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	26.25

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

No.	Test Freq Description	5G-n41						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		NR Test CH.
1	Middle2	30	10	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	2592.99	518598	26.51
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	25.61
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	24.03
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	22.06
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	25.03
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	24.57
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	22.96
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	20.02
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	23.05
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	22.95
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	22.98
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	23.02
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	26.56
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	26.62
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	25.53
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	26.73
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	26.68
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	26.69
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	26.73
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	26.71
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	26.64
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	26.42
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	26.53
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	26.46

n41(ANT1 DSI8/13)

No.	Test Freq Description	5G-n41						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		NR Test CH.
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	18.04
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	18.10
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	18.15
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	17.91
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500205	17.95
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	18.03
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	17.96
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	17.99
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	17.85
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	17.78

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

No.	Test Freq Description	5G-n41						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		NR Test CH.
1	Middle2	30	10	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	2592.99	518598	17.95
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	17.98
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	18.03
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18.01
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	17.97
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	18.04
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	17.97
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	17.99
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	18.06
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	17.96
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	17.97
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	17.95
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	18.00
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	17.96
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	17.94
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	18.06
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	18.03
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	18.02
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	18.1
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	18.01
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	18.04
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	17.80
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	17.83
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	17.89

n41(ANT4 DSI0)

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	25.91
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	26.02
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	26.12
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	25.76
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500202	25.81
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	25.95
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	26.01
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	25.93
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	25.78
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	25.71

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

No.	Test Freq Description	5G-n41						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	Middle2	30	10	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	2592.99	518598	26.02
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	24.97
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	23.62
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	21.58
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	24.49
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	23.92
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	22.41
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.47
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	22.42
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	22.46
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	22.38
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	22.45
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	26.10
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	26.05
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	24.95
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	26.01
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	25.05
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	25.98
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	26.04
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	26.08
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	26.06
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	25.86
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	25.91
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	25.88

n41(ANT4 DSI2/3)

No.	Test Freq Description	5G-n41						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	16.53
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	16.67
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	16.71
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	16.63
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500202	16.58
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	16.48
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	16.54
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	16.51
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	16.48
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	16.52

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 P1/2 BPSK1	Inner_Full	12_6	2592.99	518598	16.61
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	16.85
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	16.62
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	16.54
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	16.38
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	16.29
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	16.47
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	16.41
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	16.33
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	16.37
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	16.55
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	16.59
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	16.53
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	16.55
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	16.43
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	16.58
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	16.59
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	16.63
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	16.64
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	16.66
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	16.67
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	16.51
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	16.48
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	16.55

n41(ANT4 DSI8)

No.	Test Freq Description	5G-n41						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		NR Test CH.
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	23.82
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	24.02
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	24.14
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	23.96
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500202	23.94
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	23.79
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	23.85
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	23.89
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	23.77
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	23.72

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.
1	Middle2	30	10	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	2592.99	518598	23.98
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	23.94
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	23.33
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	21.45
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	23.98
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	24.00
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	22.51
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.50
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	22.01
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	21.95
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	21.99
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	21.97
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	24.04
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	24.02
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	24.03
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	24.05
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	24.08
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	24.02
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	24.06
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	23.98
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	23.94
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	23.92
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	23.88
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	23.85

n41(ANT4 DSI13)

No.	Test Freq Description	5G-n41						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		NR Test CH.
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	21.43
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	21.69
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	21.78
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	21.57
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500202	21.61
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	21.38
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	21.53
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	21.40
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	21.32
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	21.36

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

No.	Test Freq Description	5G-n41						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		NR Test CH.
1	Middle2	30	10	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	2592.99	518598	21.69
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	21.57
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	21.62
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	21.33
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	21.64
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	21.57
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.31
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	21.58
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	21.55
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	21.56
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	21.59
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	21.57
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	21.58
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	21.6
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	21.62
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	21.55
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	21.6
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	21.57
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	21.58
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	21.61
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	21.62
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	21.63
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	21.63

n41(ANT3 DSI0/2/3)

No.	Test Freq Description	5G-n41						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		NR Test CH.
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	24.23
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	24.78
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	24.98
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	24.95
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500202	24.45
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	24.15
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	24.12
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	24.20
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	24.01
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	24.05

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

No.	Test Freq Description	5G-n41						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		NR Test CH.
1	Middle2	30	10	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	2592.99	518598	24.9
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	24.42
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	23.92
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	21.9
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	24.45
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	23.68
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	22.78
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.83
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	22.96
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	22.97
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	22.83
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	22.87
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	24.69
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	24.69
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	24.37
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	24.75
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	24.72
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	24.74
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	24.79
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	24.76
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	24.66
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	24.69
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	24.06
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	24.20

n41(ANT3 DSI8/13)

No.	Test Freq Description	5G-n41						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		NR Test CH.
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	23.13
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	23.70
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	23.92
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	23.88
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500202	23.39
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	23.09
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	23.06
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	23.10
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	22.93
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	22.98

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

No.	Test Freq Description	5G-n41						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		NR Test CH.
1	Middle2	30	10	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	2592.99	518598	23.8
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	23.82
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	23.88
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	21.9
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	23.81
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	23.66
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	22.71
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	19.86
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	22.67
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	22.76
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	22.77
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	22.83
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	23.76
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	23.78
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	23.78
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	23.76
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	23.68
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	23.67
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	23.66
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	23.66
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	23.81
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	23.76
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	23.83
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	23.66

n41(ANT8 DSI0/8/13)

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (KHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	22.10
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	22.14
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	22.29
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	22.15
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500202	22.14
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	21.82
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	21.89
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	21.97
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	22.02
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	21.98

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

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (KHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle2	30	10	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	2592.99	518598	21.82
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	21.76
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	20.42
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18.32
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	21.39
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	20.82
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	19.33
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	16.35
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	20.32
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	20.29
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	20.33
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	20.27
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	21.79
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	21.76
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	21.28
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	22.01
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	21.94
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	21.88
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	21.92
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	21.96
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	21.98
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	21.72
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	21.75
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	21.73

n41(ANT8 DSI2)

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (KHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	19.56
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	19.88
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	20.03
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	20.02
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500202	19.98
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	19.76
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	19.95
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	19.88
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	19.87
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	19.92

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

No.	Test Freq Description	5G-n41							Power Results (dBm)
		SCS (KHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	
1	Middle2	30	10	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	2592.99	518598	20.01
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	19.98
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	20
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	18.45
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	20
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	19.96
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	19.4
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	16.45
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	19.40
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	19.42
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	19.35
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	19.35
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	20.01
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	19.96
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	19.98
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	19.97
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	20.02
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	19.93
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	19.95
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	20.00
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	19.95
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	19.88
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	19.83
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	19.91

n41(ANT8 DSI3)

No.	Test Freq Description	5G-n41						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2685	537000	16.68
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2639	527799	16.82
3	Middle2	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2592.99	518598	16.97
4	Middle3	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2547.03	509406	16.88
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2501.01	500202	16.93
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	16.68
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	16.74
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	16.85
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	16.79
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	16.85

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	16.89
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	16.96
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	16.91
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	16.89
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	2592.99	518598	16.86
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2592.99	518598	16.88
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2592.99	518598	16.91
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2592.99	518598	16.45
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2592.99	518598	16.95
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	16.87
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2592.99	518598	16.86
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	16.90
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2592.99	518598	16.93
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	16.94
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	2592.99	518598	16.9
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2592.99	518598	16.88
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	16.85
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	16.81
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	16.82
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	16.89
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	16.79
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	16.64
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	16.57
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	16.60

n48(ANT5 DSI0)

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	23.38
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	23.64
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	23.55
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3649.98	643332	23.46
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3624.99	641666	23.49
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3600	640000	23.51

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

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	Middle2	30	10	DFT-s-OFDM Pi/2 BPSK1	Inner_Full	12_6	3624.99	641666	23.56
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	23.48
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	21.99
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	20.16
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	3624.99	641666	22.92
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	22.47
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	21.02
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	18.18
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3624.99	641666	23.59
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3624.99	641666	23.46
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3624.99	641666	23.47
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3624.99	641666	23.51
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3624.99	641666	23.63
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3624.99	641666	23.61
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	3624.99	641666	23.59
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	23.53
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	23.51
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	23.55
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3624.99	641666	23.49
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3624.99	641666	23.54
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3624.99	641666	23.51
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3624.99	641666	23.48
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3624.99	641666	23.51
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3624.99	641666	23.50

n48(ANT5 DSI2/3)

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	15.78
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	16.12
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	15.94
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3649.98	643332	15.86
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3624.99	641666	15.85
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3600	640000	15.89

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

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3624.99	641666	15.98
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	16.04
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	16.01
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	16.03
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	3624.99	641666	15.96
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	15.82
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	15.93
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	16.01
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3624.99	641666	16.03
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3624.99	641666	16.00
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3624.99	641666	15.89
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3624.99	641666	15.95
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3624.99	641666	15.98
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3624.99	641666	16.01
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	3624.99	641666	15.94
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	16.09
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	16.02
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	16.08
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3624.99	641666	16.06
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3624.99	641666	16.03
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3624.99	641666	16.02
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3624.99	641666	15.86
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3624.99	641666	15.84
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3624.99	641666	15.91

n48(ANT5 DSI8/13)

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	18.39
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	18.72
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	18.51
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3649.98	643332	18.32
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3624.99	641666	18.43
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3600	640000	18.45

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

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3624.99	641666	18.54
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	18.49
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	18.58
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	18.62
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	3624.99	641666	18.53
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	18.56
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	18.43
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	18.07
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3624.99	641666	18.46
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3624.99	641666	18.51
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3624.99	641666	18.48
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3624.99	641666	18.54
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3624.99	641666	18.52
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3624.99	641666	18.50
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	3624.99	641666	18.53
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	18.63
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	18.6
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	18.59
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3624.99	641666	18.58
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3624.99	641666	18.56
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3624.99	641666	18.61
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3624.99	641666	18.45
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3624.99	641666	18.46
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3624.99	641666	18.43

n48(ANT7 DSI10)

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	22.23
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	22.30
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	22.28
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3649.98	643332	22.25
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3624.99	641666	22.23
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3600	640000	22.23

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

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3624.99	641666	22.21
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	21.62
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	20.26
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	18.63
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	3624.99	641666	21.15
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	20.66
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	20.14
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	17.63
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3624.99	641666	21.82
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3624.99	641666	21.62
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3624.99	641666	21.74
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3624.99	641666	21.70
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3624.99	641666	22.24
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3624.99	641666	22.27
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	3624.99	641666	21.51
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	22.28
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	22.21
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	22.27
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3624.99	641666	22.26
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3624.99	641666	22.29
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3624.99	641666	22.23
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3624.99	641666	22.25
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3624.99	641666	22.26
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3624.99	641666	22.25

n48(ANT7 DSI2/3)

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	15.17
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	15.25
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	15.18
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3649.98	643332	15.09
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3624.99	641666	15.02
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3600	640000	15.03

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

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3624.99	641666	15.02
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	14.96
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	14.99
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	15.08
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	3624.99	641666	15.1
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	15.04
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	15.17
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	15.11
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3624.99	641666	15.09
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3624.99	641666	15.07
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3624.99	641666	15.06
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3624.99	641666	15.11
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3624.99	641666	15.15
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3624.99	641666	15.12
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	3624.99	641666	15.08
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	15.11
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	15.21
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	15.12
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3624.99	641666	15.14
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3624.99	641666	15.17
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3624.99	641666	15.2
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3624.99	641666	15.02
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3624.99	641666	15.00
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3624.99	641666	15.02

n48(ANT7 DSI8)

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	19.29
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	19.48
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	19.33
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3649.98	643332	19.16
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3624.99	641666	19.42
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3600	640000	19.15

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

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	Middle2	30	10	DFT-s-OFDM Pi/2 BPSK1	Inner_Full	12_6	3624.99	641666	19.1
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	19.06
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	19.02
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	18.57
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	3624.99	641666	19.08
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	19.13
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	19.17
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	16.64
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3624.99	641666	19.04
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3624.99	641666	19.08
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3624.99	641666	19.05
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3624.99	641666	19.10
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3624.99	641666	19.12
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3624.99	641666	19.08
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	3624.99	641666	19.05
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	19.24
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	19.22
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	19.16
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3624.99	641666	19.18
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3624.99	641666	19.13
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3624.99	641666	19.18
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3624.99	641666	19.05
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3624.99	641666	19.01
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3624.99	641666	19.03

n48(ANT7 DSI13)

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	17.77
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	17.96
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	17.82
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3649.98	643332	17.63
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3624.99	641666	17.88
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3600	640000	17.70

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

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	Middle2	30	10	DFT-s-OFDM Pi/2 BPSK1	Inner_Full	12_6	3624.99	641666	17.81
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	17.71
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	17.77
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	17.83
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	3624.99	641666	17.8
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	17.89
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	17.74
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	16.66
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3624.99	641666	17.70
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3624.99	641666	17.72
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3624.99	641666	17.90
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3624.99	641666	17.78
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3624.99	641666	17.82
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3624.99	641666	17.87
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	3624.99	641666	17.71
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	17.86
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	17.71
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	17.82
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3624.99	641666	17.7
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3624.99	641666	17.73
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3624.99	641666	17.9
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3624.99	641666	17.77
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3624.99	641666	17.77
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3624.99	641666	17.75

n48(ANT4 DSI0/8/13)

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	18.51
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	18.72
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	18.46
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3649.98	643332	18.38
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3624.99	641666	18.46
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3600	640000	18.41

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

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	Middle2	30	10	DFT-s-OFDM Pi/2 BPSK1	Inner_Full	12_6	3624.99	641666	18.47
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	18.46
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	18.51
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	18.58
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	3624.99	641666	18.59
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	18.45
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	18.5
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	18.12
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3624.99	641666	18.30
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3624.99	641666	18.53
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3624.99	641666	18.52
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3624.99	641666	18.56
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3624.99	641666	18.59
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3624.99	641666	18.59
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	3624.99	641666	18.5
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	18.72
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	18.79
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	18.77
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3624.99	641666	18.72
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3624.99	641666	18.61
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3624.99	641666	18.66
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3624.99	641666	18.50
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3624.99	641666	18.48
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3624.99	641666	18.48

n48(ANT4 DSI2/3)

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	16.07
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	16.16
5	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	16.00
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3649.98	643332	15.99
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3624.99	641666	16.03
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3600	640000	15.96

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

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	Middle2	30	10	DFT-s-OFDM Pi/2 BPSK1	Inner_Full	12_6	3624.99	641666	16.07
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	16.13
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	16.12
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	16.05
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	3624.99	641666	16.11
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	16.00
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	16.09
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	16.10
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3624.99	641666	16.09
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3624.99	641666	16.11
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3624.99	641666	16.05
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3624.99	641666	16.00
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3624.99	641666	16.13
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3624.99	641666	16.02
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	3624.99	641666	15.99
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	16.23
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	16.18
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	16.2
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3624.99	641666	16.21
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3624.99	641666	16.09
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3624.99	641666	16.11
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3624.99	641666	16.03
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3624.99	641666	15.96
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3624.99	641666	15.94

n48(ANT2 DSI0/2/3/8/13)

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3694.98	646332	18.25
2	Middle1	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3624.99	641666	18.39
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3555	637000	18.36
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3649.98	643332	18.33
5	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3624.99	641666	18.25
6	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3600	640000	18.29

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

No.	Test Freq Description	5G-n48						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n48
1	Middle2	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	3624.99	641666	18.35
2	Middle2	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	18.32
3	Middle2	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	18.35
4	Middle2	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	18.33
5	Middle2	30	10	CP-OFDM QPSK	Inner_Full	12_6	3624.99	641666	18.35
6	Middle2	30	10	CP-OFDM 16QAM	Inner_Full	12_6	3624.99	641666	18.32
7	Middle2	30	10	CP-OFDM 64QAM	Inner_Full	12_6	3624.99	641666	18.32
8	Middle2	30	10	CP-OFDM 256QAM	Inner_Full	12_6	3624.99	641666	17.24
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	3624.99	641666	18.38
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	3624.99	641666	18.40
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	3624.99	641666	18.41
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	3624.99	641666	18.49
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	3624.99	641666	18.42
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3624.99	641666	18.47
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	25_0	3624.99	641666	18.34
16	Middle2	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3624.99	641666	18.55
17	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3624.99	641666	18.58
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3624.99	641666	18.55
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3624.99	641666	18.58
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3624.99	641666	18.43
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3624.99	641666	18.51
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3624.99	641666	18.30
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3624.99	641666	18.27
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3624.99	641666	18.29

n66(ANT1 DSI0/2/3)

No.	Test Freq Description	5G-n66						Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n28
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	24.02
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	24.22
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	24.09
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	24.14
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	24.13
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	24.17

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.	n28
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	23.86
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	23.81
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	22.45
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	20.5
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	23.41
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	22.78
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.39
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.46
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	23.77
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	23.81
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	23.91
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	23.85
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	23.86
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	23.93
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	23.79
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	23.94
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	23.92
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	24.01
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	1745	349000	24.03
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	24.03

n66(ANT1 DSI8/13)

No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	18.59
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	18.77
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	18.58
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	18.71
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	18.63
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	18.73

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.	n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	18.55
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	18.53
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	18.56
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.58
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	18.54
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	18.52
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	18.48
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.06
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	18.48
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	18.54
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	18.54
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	18.58
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	18.52
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	18.61
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	18.56
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	18.61
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	18.59
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	18.66
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	18.68
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	18.68

n66(ANT4 DSI0)

No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n28
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	23.87
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	24.01
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	23.89
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	23.91
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	23.93
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	23.98

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.	n28
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	23.86
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	23.82
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	22.38
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	20.41
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	23.34
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	22.83
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.21
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.37
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	23.78
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	23.85
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	23.81
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	23.79
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	23.91
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	23.96
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	23.83
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	23.84
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	23.96
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	23.85
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	23.97
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	23.96

n66(ANT4 DSI2/3)

No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	19.39
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	19.53
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	19.42
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	19.43
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	19.42
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	19.48

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.	n66
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	19.27
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	19.38
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	19.31
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	19.28
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	19.45
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	19.21
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	19.35
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	17.84
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	19.32
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	19.31
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	19.30
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	19.26
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	19.30
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	19.30
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	19.32
17	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	19.35
19	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	19.48
20	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	19.48
21	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	19.5
22	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	19.48

n66(ANT4 DSI8/13)

No.	Test Freq Description	5G-n66							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n28
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	22.84
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	22.97
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	22.90
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1760	352000	22.96
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1745	349000	22.92
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1730	346000	22.92

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.	n28
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	22.75
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	22.76
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	22.31
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	20.25
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	22.88
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	22.65
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.14
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.32
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	22.84
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	22.76
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	22.85
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	22.79
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	22.82
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	22.71
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	22.76
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	22.73
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	22.77
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	22.7
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64-32	1745	349000	22.72
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	1745	349000	22.73

n71(ANT0 DSI0/2/3/8/13)

No.	Test Freq Description	5G-n71							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n71	
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	695.5	139100	23.98	
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	680.5	136100	24.26	
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	665.5	133100	24.11	
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	688	137600	24.13	
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	680.5	136100	24.16	
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	673	134600	23.21	

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.	n71	
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	680.5	136100	23.97	
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	680.5	136100	23.91	
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	680.5	136100	22.43	
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	680.5	136100	20.41	
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	680.5	136100	23.43	
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	680.5	136100	22.96	
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	680.5	136100	21.43	
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	680.5	136100	18.46	
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	680.5	136100	23.98	
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	680.5	136100	23.84	
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	680.5	136100	23.93	
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	680.5	136100	23.89	
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	680.5	136100	23.95	
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	680.5	136100	23.94	
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	680.5	136100	23.98	
14	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	693	138600	24.12	
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	680.5	136100	24.03	
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	668	133600	24.21	
17	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	690.5	138100	24.18	
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	680.5	136100	24.14	
19	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	670.5	134100	23.23	

n71(ANT2 DSI0/2/3/8/13)

No.	Test Freq Description	5G-n71							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n71
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	695.5	139100	21.00	20.75
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	680.5	136100	21.00	20.92
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	665.5	133100	21.00	20.75
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	688	137600	21.00	20.79
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	680.5	136100	21.00	20.81
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	673	134600	21.00	20.89

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

No.	Test Freq Description	5G-n71							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n71
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	680.5	136100	21.00	19.91
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	680.5	136100	20.00	18.48
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	680.5	136100	18.50	18.06
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	680.5	136100	16.50	15.71
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	680.5	136100	19.50	18.72
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	680.5	136100	19.00	17.76
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	680.5	136100	17.50	17.02
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	680.5	136100	14.50	13.62
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	680.5	136100	20.00	19.42
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	680.5	136100	20.00	19.46
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	680.5	136100	20.00	19.44
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	680.5	136100	20.00	19.61
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	680.5	136100	21.00	20.74
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	680.5	136100	21.00	20.71
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	680.5	136100	20.00	19.51
14	High	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	693	138600	21.00	20.71
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	680.5	136100	21.00	20.74
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	668	133600	21.00	20.76
17	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	690.5	138100	21.00	20.79
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	680.5	136100	21.00	20.81
19	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	670.5	134100	21.00	20.82

n78(ANT5 DSI0)

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	26.15
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	26.28
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	26.11
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	25.89
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	25.92

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

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	3500.01	633334	26.1
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	25.42
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	23.94
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	21.95
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	24.92
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	24.47
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	22.86
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	19.87
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	22.94
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	22.98
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	23.01
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	22.98
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	26.12
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	26.08
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	25.43
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	26.09
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	26.14
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	26.08
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	26.06
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	26.02
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	25.91
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	25.87

n78(ANT5 DSI2/3)

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	16.21
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	16.41
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	16.36
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	15.98
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	15.95

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

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	3500.01	633334	16.3
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	16.32
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	16.35
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	16.34
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	16.26
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	16.33
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	16.24
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	16.31
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	16.34
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	16.36
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	16.32
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	16.37
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	16.35
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	16.34
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	16.29
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	16.1
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	16.28
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	16.24
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	16.08
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	16.12
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	15.89
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	15.91

n78(ANT5 DSI8/13)

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	18.89
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	18.93
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	18.87
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	18.47
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	18.49

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

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	3500.01	633334	18.82
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	18.79
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	18.83
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	18.86
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	18.74
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	18.85
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	18.79
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	18.85
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	18.85
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	18.86
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	18.75
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	18.86
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	18.77
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	18.79
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	18.85
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	18.72
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	18.81
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	18.84
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	18.73
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	18.76
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	18.5
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	18.46

n78(ANT7 DSI0)

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	25.32
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	25.49
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	25.36
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	24.68
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	24.55

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

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	3500.01	633334	25.39
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	24.89
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	23.47
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	21.43
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	24.43
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	23.97
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	22.39
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	19.41
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	21.82
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	21.95
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	21.93
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	21.99
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	25.43
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	25.47
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	24.93
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	24.95
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	24.92
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	25.05
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	25.01
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	25.06
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	25.11
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	25.07

n78(ANT7 DSI2/3)

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	15.58
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	15.81
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	15.65
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	15.30
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	15.32

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

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	3500.01	633334	15.68
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	15.7
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	15.74
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	15.68
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	15.67
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	15.69
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	15.63
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	15.68
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	15.56
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	15.52
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	15.72
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	15.69
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	15.77
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	15.78
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	15.67
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	15.52
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	15.65
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	15.69
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	15.48
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	15.44
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	15.3
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	15.26

n78(ANT7 DSI8)

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	19.62
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	19.83
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	19.79
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	19.41
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	19.38

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

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	3500.01	633334	19.77
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	19.56
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	19.67
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	19.6
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	19.57
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	19.68
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	19.53
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	19.35
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	19.57
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	19.67
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	19.63
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	19.59
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	19.61
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	19.70
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	19.64
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	19.35
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	19.57
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	19.6
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	19.42
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	19.59
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	19.38
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	19.42

n78(ANT7 DSI13)

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	15.15
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	15.27
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	15.15
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	15.05
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	15.03

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

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	3500.01	633334	15.16
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	15.21
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	15.22
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	15.15
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	15.2
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	15.18
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	15.13
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	15.15
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	15.11
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	15.06
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	15.26
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	15.24
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	15.30
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	15.29
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	15.2
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	15.03
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	15.14
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	15.14
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	15.02
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	15.10
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	15.12
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	15.05

n78(ANT4 DSI0/8)

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	21.93
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	22.53
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	22.42
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	21.95
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	22.05

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

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	3500.01	633334	22.3
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	21.3
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	19.9
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	17.87
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	20.78
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	20.40
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	18.73
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	15.83
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	18.21
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	18.37
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	18.18
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	18.45
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	22.40
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	22.44
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	21.32
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	22.11
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	22.32
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	22.35
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	22.11
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	22.11
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	22.01
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	22.06

n78(ANT4 DSI2)

No.	Test Freq Description	5G-n78L ANT4							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	15.68
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	16.12
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	16.08
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	15.65
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	15.67

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

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3500.01	633334	15.86
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	15.93
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	15.66
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	15.77
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	16.08
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	15.66
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	15.94
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	15.74
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	15.90
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	15.87
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	15.98
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	15.86
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	15.61
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	15.76
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	15.92
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	15.9
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	15.74
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	15.85
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	15.96
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	15.84
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	15.64
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	15.65

n78(ANT4 DSI3)

No.	Test Freq Description	5G-n78L ANT4							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	14.92
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	15.33
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	15.26
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	14.87
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	14.87

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

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	3500.01	633334	15.16
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	15
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	15.18
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	15.01
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	15.1
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	15.04
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	15.12
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	15.04
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	15.03
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	15.08
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	15.07
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	15.01
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	15.10
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	15.14
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	15.12
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	15.14
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	15.14
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	15
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	15.09
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	15.03
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	15.15
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	15.04

n78(ANT4 DSI13)

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	20.11
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	20.58
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	20.38
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	20.09
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	20.12

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

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	3500.01	633334	20.49
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	20.52
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	20.52
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	17.88
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	20.47
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	20.49
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	19.93
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	17.00
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	19.58
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	19.58
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	19.57
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	19.63
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	20.42
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	20.53
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	20.51
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	20.27
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	20.49
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	20.45
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	20.32
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	20.27
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	20.12
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	20.14

n78(ANT2 DSI0/2/8/13)

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	19.31
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	19.45
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	19.41
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	19.07
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	19.00

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

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	3500.01	633334	19.21
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	18.4
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	16.9
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	14.6
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	18.2
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	17.72
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	15.97
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	12.70
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	17.25
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	17.16
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	17.10
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	17.21
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	19.30
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	19.35
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	18.31
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	19.23
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	19.37
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	19.31
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	19.24
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	18.21
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	19.13
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	19.12

n78(ANT2 DSI3)

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3540	636000	16.14
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3500.01	633334	16.22
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	3460.02	630668	16.21
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3499.98	633332	15.85
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	3500.01	633334	15.86

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

No.	Test Freq Description	5G-n78L							Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n77
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	3500.01	633334	16.09
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	16.06
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	15.99
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	14.34
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	3500.01	633334	16.04
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	3500.01	633334	16.10
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	3500.01	633334	15.56
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	3500.01	633334	12.63
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	16.04
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	16.14
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	16.00
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	16.08
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	15.99
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	3500.01	633334	16.02
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	16.12
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	3500.01	633334	16.08
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	3500.01	633334	15.99
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	3500.01	633334	16.04
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	3500.01	633334	15.95
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	3500.01	633334	16.03
21	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	3500.01	633334	16.01
22	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	3500.01	633334	15.98

11.5 Wi-Fi and BT Measurement result

The maximum output power for BT

GFSK			EDR2M-4_DQPSK			EDR3M-8DPSK		
Channel 0	Channel 39	Channel 78	Channel 0	Channel 39	Channel 78	Channel 0	Channel 39	Channel 78
12.70	13.67	13.23	10.43	11.47	10.63	10.47	11.47	10.61

Body Sensor off	Head Standalone	Head simultaneous transmission	Body Standalone	Body simultaneous transmission
Power Level A1	Power Level B1	Power Level C1	Power Level D1	Power Level E1

WIFI2.4G Tune up-(Normal Power/Body standalone)

Mode/Band	Channel/data rate	setting power	tune up-C0	setting power	tune up-C1	tuneup-MIMO
		ANT6-2.4G /ANT7-5/6G		tuneup-ANT9		
802.11b	11(2462MHz)	18	20	16	18	
WLAN2450	6(2437MHz)	18	20	16	18	\
	1(2412MHz)	18	20	16	18	
	Channel/data rate					
802.11g	11(2462MHz)	17	18.5	16	18	
WLAN2450	6(2437MHz)	17	18.5	16	18	\
	1(2412MHz)	15.5	17.5	15.5	17.5	
	Channel/data rate					
802.11n-20MHz	11(2462MHz)	17	18.5	16	18	
WLAN2450	6(2437MHz)	17	18.5	16	18	19+ -2
	3-4(2422-2427MHz)	16	18	16	18	19±2
	2(2417MHz)	15.5	17.5	15.5	17.5	18.5±2
	1(2412MHz)	14.5	16.5	14.5	16.5	17.5±2
	Channel/data rate					
802.11n-40MHz	8-9(2447-2452MHz)	12	14	12	14	15±2
WLAN2450	6(2437MHz)	14	15.5	14	16	17+ -2
	3(2422MHz)	13	15	13	15	16±2
	Channel/data rate					
802.11ax-20MHz	11(2462MHz)	17	18.5	16	18	
WLAN2450	6(2437MHz)	17	18.5	16	18	19+ -2
	3-4(2422-2427MHz)	16	18	16	18	19±2
	2(2417MHz)	15.5	17.5	15.5	17.5	18.5±2
	1(2412MHz)	14.5	16.5	14.5	16.5	17.5±2
	Channel/data rate					
802.11ax-40MHz	8-9(2447-2452MHz)	12	14	12	14	15±2
WLAN2450	6(2437MHz)	14	15.5	14	16	17+ -2
	3(2422MHz)	13	15	13	15	16±2
	Channel/data rate					
801.11ax-RU26	11(2462MHz)	7	9	7	9	
	6(2437MHz)	7	9	7	9	9+ -2
	1(2412MHz)	7	9	7	9	
	Channel/data rate					
801.11ax-RU52	11(2462MHz)	10	12	10	12	
	6(2437MHz)	10	12	10	12	12+ -2
	1(2412MHz)	10	12	10	12	
	Channel/data rate					
801.11ax-RU106	11(2462MHz)	11.5	13.5	11.5	13.5	
	6(2437MHz)	11.5	13.5	11.5	13.5	14+ -2
	1(2412MHz)	11.5	13.5	11.5	13.5	
	Channel/data rate					
801.11ax-RU242	11(2462MHz)	13	15	13	15	
	6(2437MHz)	13	15	13	15	16±2
	1(2412MHz)	13	15	13	15	
	Channel/data rate					
801.11ax-RU484	8-9(2447-2452MHz)	12	14	12	14	15±2
	6(2437MHz)	14	15.5	14	16	17+ -2
	3(2422MHz)	13	15	13	15	16±2



WiFi2.4G Tune up-(Head Standalone)

802.11b	Channel/data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
WLAN2450	11(2462MHz)	15.5	17.5	15	17	\
	6(2437(MHz)	15.5	17.5	15	17	
	1(2412MHz)	15.5	17.5	15	17	
802.11g	Channel/data rate					
WLAN2450	11(2462MHz)	15.5	17.5	15	17	\
	6(2437(MHz)	15.5	17.5	15	17	
	1(2412MHz)	15.5	17.5	15	17	
802.11n-20MHz	Channel/data rate					
WLAN2450	11(2462MHz)	15.5	17.5	15	17	Consistent with SISO
	6(2437(MHz)	15.5	17.5	15	17	
	1(2412MHz)	/	/	/	/	
802.11n-40MHz	Channel/data rate					
WLAN2450	9(2452MHz)	/	/	/	/	Consistent with SISO
	6(2437MHz)	/	/	/	/	
	3(2422MHz)	/	/	/	/	
802.11ax-20MHz	Channel/data rate					
WLAN2450	11(2462MHz)	15.5	17.5	15	17	Consistent with SISO
	6(2437(MHz)	15.5	17.5	15	17	
	1(2412MHz)	/	/	/	/	
802.11ax-40MHz	Channel/data rate					
WLAN2450	9(2452MHz)	/	/	/	/	Consistent with SISO
	6(2437MHz)	/	/	/	/	
	3(2422MHz)	/	/	/	/	
801.11ax-RU26	11(2462MHz)	/	/	/	/	9+2
	6(2437(MHz)	/	/	/	/	
	1(2412MHz)	/	/	/	/	
801.11ax-RU52	11(2462MHz)	/	/	/	/	12+2
	6(2437(MHz)	/	/	/	/	
	1(2412MHz)	/	/	/	/	
801.11ax-RU106	11(2462MHz)	/	/	/	/	14+2
	6(2437(MHz)	/	/	/	/	
	1(2412MHz)	/	/	/	/	
801.11ax-RU242	11(2462MHz)	/	/	/	/	Consistent with SISO
	6(2437(MHz)	/	/	/	/	
	1(2412MHz)	/	/	/	/	
801.11ax-RU484	11(2462MHz)	/	/	/	/	Consistent with SISO
	6(2437(MHz)	/	/	/	/	
	1(2412MHz)	/	/	/	/	

Note: / means no power reduction

WiFi2.4G Tune up-(Head Simultaneous)

802.11b	Channel/data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1
WLAN2450	11(2462MHz)	12	14	12	14
	6(2437(MHz)	12	14	12	14
	1(2412MHz)	12	14	12	14
802.11g	Channel/data rate				
WLAN2450	11(2462MHz)	12	14	12	14
	6(2437(MHz)	12	14	12	14
	1(2412MHz)	12	14	12	14
802.11n-20MHz	Channel/data rate				
WLAN2450	11(2462MHz)	12	14	12	14
	6(2437(MHz)	12	14	12	14
	1(2412MHz)	12	14	12	14
802.11n-40MHz	Channel/data rate				
WLAN2450	9(2452MHz)	12	14	12	14
	6(2437MHz)	12	14	12	14
	3(2422MHz)	12	14	12	14
802.11ax-20MHz	Channel/data rate				
WLAN2450	11(2462MHz)	12	14	12	14
	6(2437(MHz)	12	14	12	14
	1(2412MHz)	12	14	12	14
802.11ax-40MHz	Channel/data rate				
WLAN2450	9(2452MHz)	12	14	12	14
	6(2437MHz)	12	14	12	14
	3(2422MHz)	12	14	12	14
801.11ax-RU26	11(2462MHz)	/	/	/	/
	6(2437(MHz)	/	/	/	/
	1(2412MHz)	/	/	/	/
801.11ax-RU52	11(2462MHz)	/	/	/	/
	6(2437(MHz)	/	/	/	/
	1(2412MHz)	/	/	/	/
801.11ax-RU106	11(2462MHz)	/	/	/	/
	6(2437(MHz)	/	/	/	/
	1(2412MHz)	/	/	/	/
801.11ax-RU242	11(2462MHz)	12	14	12	14
	6(2437(MHz)	12	14	12	14
	1(2412MHz)	12	14	12	14
801.11ax-RU484	11(2462MHz)	12	14	12	14
	6(2437(MHz)	12	14	12	14
	1(2412MHz)	12	14	12	14

Note: / means no power reduction



WiFi2.4G Tune up-(Body Simultaneous)

802.11b	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1
WLAN2450	11(2462MHz)	15.5	17.5	/	/
	6(2437(MHz)	15.5	17.5	/	/
	1(2412MHz)	15.5	17.5	/	/
802.11g	Channel\data rate				
WLAN2450	11(2462MHz)	15.5	17.5	/	/
	6(2437(MHz)	15.5	17.5	/	/
	1(2412MHz)	15.5	17.5	/	/
802.11n-20MHz	Channel\data rate				
WLAN2450	11(2462MHz)	15.5	17.5	/	/
	6(2437(MHz)	15.5	17.5	/	/
	1(2412MHz)	/	/	/	/
802.11n-40MHz	Channel\data rate				
WLAN2450	9(2452MHz)	/	/	/	/
	6(2437MHz)	/	/	/	/
	3(2422MHz)	/	/	/	/
802.11ax-20MHz	Channel\data rate				
WLAN2450	11(2462MHz)	15.5	17.5	/	/
	6(2437(MHz)	15.5	17.5	/	/
	1(2412MHz)	/	/	/	/
802.11ax-40MHz	Channel\data rate				
WLAN2450	9(2452MHz)	/	/	/	/
	6(2437MHz)	/	/	/	/
	3(2422MHz)	/	/	/	/
801.11ax-RU26	Channel\data rate				
	11(2462MHz)	/	/	/	/
	6(2437(MHz)	/	/	/	/
	1(2412MHz)	/	/	/	/
801.11ax-RU52	Channel\data rate				
	11(2462MHz)	/	/	/	/
	6(2437(MHz)	/	/	/	/
	1(2412MHz)	/	/	/	/
801.11ax-RU106	Channel\data rate				
	11(2462MHz)	/	/	/	/
	6(2437(MHz)	/	/	/	/
	1(2412MHz)	/	/	/	/
801.11ax-RU242	Channel\data rate				
	11(2462MHz)	/	/	/	/
	6(2437(MHz)	/	/	/	/
	1(2412MHz)	/	/	/	/
801.11ax-RU484	Channel\data rate				
	11(2462MHz)	/	/	/	/
	6(2437(MHz)	/	/	/	/
	1(2412MHz)	/	/	/	/

Note: / means no power reduction



WiFi5G Tune up-(Normal Power)

Mode/Band	Channel/data rate	setting power ANT6-2.4G /ANT7-5/6G	tune up-C0	setting power tuneup-ANT9	tune up-C1	tuneup-MIMO
	36(5180 MHz)	18.5	20	16.5	18	
	40(5200 MHz)	18.5	20	16.5	18	
	44(5220 MHz)	18.5	20	16.5	18	
	48(5240 MHz)	18.5	20	16.5	18	
	52(5260 MHz)	18.5	20	16.5	18	
	56(5280 MHz)	18.5	20	16.5	18	
	60(5300 MHz)	18.5	20	16.5	18	
	64(5320 MHz)	18.5	20	16.5	18	
	100(5500 MHz)	18.5	20	16.5	18	
	104(5520 MHz)	18.5	20	16.5	18	
	108(5540 MHz)	18.5	20	16.5	18	
	112(5560 MHz)	18.5	20	16.5	18	
	116(5580 MHz)	18.5	20	16.5	18	
	120(5600 MHz)	18.5	20	16.5	18	
	124(5620 MHz)	18.5	20	16.5	18	
	128(5640 MHz)	18.5	20	16.5	18	
	132(5660 MHz)	18.5	20	16.5	18	
	136(5680 MHz)	18.5	20	16.5	18	
	140(5700 MHz)	18.5	20	16.5	18	
	144(5720 MHz)	18.5	20	16.5	18	
	149(5745 MHz)	18.5	20	16.5	18	
153(5765 MHz)	18.5	20	16.5	18		
157(5785 MHz)	18.5	20	16.5	18		
161(5805 MHz)	18.5	20	16.5	18		
165(5825 MHz)	18.5	20	16.5	18		
5G-802.11n-HT20-mcs0	Channel/data rate					19.5+2
	36(5180 MHz)	18	19.5	16.5	18	
	40(5200 MHz)	18	19.5	16.5	18	
	44(5220 MHz)	18	19.5	16.5	18	
	48(5240 MHz)	18	19.5	16.5	18	
	52(5260 MHz)	18	19.5	16.5	18	
	56(5280 MHz)	18	19.5	16.5	18	
	60(5300 MHz)	18	19.5	16.5	18	
	64(5320 MHz)	18	19.5	16.5	18	
	100(5500 MHz)	18	19.5	16.5	18	
	104(5520 MHz)	18	19.5	16.5	18	
	108(5540 MHz)	18	19.5	16.5	18	
	112(5560 MHz)	18	19.5	16.5	18	
	116(5580 MHz)	18	19.5	16.5	18	
	120(5600 MHz)	18	19.5	16.5	18	
	124(5620 MHz)	18	19.5	16.5	18	
	128(5640 MHz)	18	19.5	16.5	18	
	132(5660 MHz)	18	19.5	16.5	18	
	136(5680 MHz)	18	19.5	16.5	18	
	140(5700 MHz)	18	19.5	16.5	18	
	144(5720 MHz)	18	19.5	16.5	18	
149(5745 MHz)	18	19.5	16.5	18		
153(5765 MHz)	18	19.5	16.5	18		
157(5785 MHz)	18	19.5	16.5	18		
161(5805 MHz)	18	19.5	16.5	18		
165(5825 MHz)	18	19.5	16.5	18		
5G-802.11n-HT40-mcs0	Channel/data rate					19.5+2
	5190MHz (Ch38)	16.5	18	16.5	18	
	5230MHz(Ch46)	17	18.5	16.5	18	
	5270MHz(Ch54)	17	18.5	16.5	18	
	5310MHz(Ch62)	17	18.5	16.5	18	
	5510MHz(Ch102)	17	18.5	16.5	18	
	5550MHz(Ch110)	17	18.5	16.5	18	
	5670MHz(Ch134)	17	18.5	16.5	18	
	5710MHz(Ch142)	17	18.5	16.5	18	
	5755 (CH151)	17	18.5	16.5	18	
5795 (CH159)	17	18.5	16.5	18		
5G-802.11ac-VHT80-mcs0	Channel/data rate					17.5+2
	5210MHz(Ch42)	14.5	16.5	14.5	16.5	
	5290MHz(Ch58)	14.5	16.5	14.5	16.5	
	5530MHz(Ch106)	14.5	16.5	14.5	16.5	
	5610MHz(Ch122)	16	18	16	18	
	5690MHz(Ch138)	16	18	16	18	
5775 (CH155)	16	18	16	18		

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5G-802.11ac-VHT20-mcs0	36(5180 MHz)	18	19.5	16.5	18	19.5+-2
	40(5200 MHz)	18	19.5	16.5	18	
	44(5220 MHz)	18	19.5	16.5	18	
	48(5240 MHz)	18	19.5	16.5	18	
	52(5260 MHz)	18	19.5	16.5	18	
	56(5280 MHz)	18	19.5	16.5	18	
	60(5300 MHz)	18	19.5	16.5	18	
	64(5320 MHz)	18	19.5	16.5	18	
	100(5500 MHz)	18	19.5	16.5	18	
	104(5520 MHz)	18	19.5	16.5	18	
	108(5540 MHz)	18	19.5	16.5	18	
	112(5560 MHz)	18	19.5	16.5	18	
	116(5580 MHz)	18	19.5	16.5	18	
	120(5600 MHz)	18	19.5	16.5	18	
	124(5620 MHz)	18	19.5	16.5	18	
	128(5640 MHz)	18	19.5	16.5	18	
	132(5660 MHz)	18	19.5	16.5	18	
	136(5680 MHz)	18	19.5	16.5	18	
	140(5700 MHz)	18	19.5	16.5	18	
	144(5720 MHz)	18	19.5	16.5	18	
149(5745 MHz)	18	19.5	16.5	18		
153(5765 MHz)	18	19.5	16.5	18		
157(5785 MHz)	18	19.5	16.5	18		
161(5805 MHz)	18	19.5	16.5	18		
165(5825 MHz)	18	19.5	16.5	18		
5G-802.11ac-VHT40-mcs0	Channel/data rate					
	5190MHz (Ch38)	16.5	18	16.5	18	19.5+-2
	5230MHz (Ch46)	17	18.5	16.5	18	
	5270MHz (Ch54)	17	18.5	16.5	18	
	5310MHz (Ch62)	17	18.5	16.5	18	
	5510MHz (Ch102)	17	18.5	16.5	18	
	5550MHz (Ch110)	17	18.5	16.5	18	
	5670MHz (Ch134)	17	18.5	16.5	18	
	5710MHz (Ch142)	17	18.5	16.5	18	
	5755 (CH151)	17	18.5	16.5	18	
5795 (CH159)	17	18.5	16.5	18		
5G-802.11ax-HE80-mcs0	Channel/data rate					
	5210MHz (Ch42)	14.5	16.5	14.5	16.5	17.5+-2
	5290MHz (Ch58)	14.5	16.5	14.5	16.5	
	5530MHz (Ch106)	14.5	16.5	14.5	16.5	
	5610MHz (Ch122)	16	18	16	18	19+-2
	5690MHz (Ch138)	16	18	16	18	
	5775 (CH155)	16	18	16	18	

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5G-802.11ax-HE20-mcs0	36(5180 MHz)	18	19.5	16.5	18	19.5+2
	40(5200 MHz)	18	19.5	16.5	18	
	44(5220 MHz)	18	19.5	16.5	18	
	48(5240 MHz)	18	19.5	16.5	18	
	52(5260 MHz)	18	19.5	16.5	18	
	56(5280 MHz)	18	19.5	16.5	18	
	60(5300 MHz)	18	19.5	16.5	18	
	64(5320 MHz)	18	19.5	16.5	18	
	100(5500 MHz)	18	19.5	16.5	18	
	104(5520 MHz)	18	19.5	16.5	18	
	108(5540 MHz)	18	19.5	16.5	18	
	112(5560 MHz)	18	19.5	16.5	18	
	116(5580 MHz)	18	19.5	16.5	18	
	120(5600 MHz)	18	19.5	16.5	18	
	124(5620 MHz)	18	19.5	16.5	18	
	128(5640 MHz)	18	19.5	16.5	18	
	132(5660 MHz)	18	19.5	16.5	18	
	136(5680 MHz)	18	19.5	16.5	18	
	140(5700 MHz)	18	19.5	16.5	18	
	144(5720 MHz)	18	19.5	16.5	18	
149(5745 MHz)	18	19.5	16.5	18	19.5+2	
153(5765 MHz)	18	19.5	16.5	18		
157(5785 MHz)	18	19.5	16.5	18		
161(5805 MHz)	18	19.5	16.5	18		
165(5825 MHz)	18	19.5	16.5	18		
Channel/data rate						
5G-802.11ax-HE40-mcs0	5190MHz (Ch38)	16.5	18	16.5	18	19.5+2
	5230MHz (Ch46)	17	18.5	16.5	18	19.5+2
	5270MHz (Ch54)	17	18.5	16.5	18	
	5310MHz (Ch62)	17	18.5	16.5	18	
	5510MHz (Ch102)	17	18.5	16.5	18	
	5550MHz (Ch110)	17	18.5	16.5	18	
	5670MHz (Ch134)	17	18.5	16.5	18	
	5710MHz (Ch142)	17	18.5	16.5	18	
	5755 (CH151)	17	18.5	16.5	18	
	5795 (CH159)	17	18.5	16.5	18	
Channel/data rate						
5G-802.11ax-HE160-mcs0	50(5250MHz)	12.5	14.5	12.5	14.5	15.5+2
	114(5570MHz)	12.5	14.5	12.5	14.5	
	Channel/data rate					

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5G-802.11ax-RU26	5180MHz (Ch36)	8	10	8	10	11+2
	5320MHz (Ch64)	8	10	8	10	
	5500MHz (Ch100)	8	10	8	10	
	5700MHz (Ch140)	8	10	8	10	
	Channel/data rate					
5G-802.11ax-RU52	5180MHz (Ch36)	11	13	11	13	14+2
	5320MHz (Ch64)	11	13	11	13	
	5500MHz (Ch100)	11	13	11	13	
	5700MHz (Ch140)	11	13	11	13	
	Channel/data rate					
5G-802.11ax-RU106	5180MHz (Ch36)	13	15	13	15	16+2
	5320MHz (Ch64)	13	15	13	15	
	5500MHz (Ch100)	13	15	13	15	
	5700MHz (Ch140)	13	15	13	15	
	Channel/data rate					
5G-802.11ax-RU242	5180MHz (Ch36)	11.5	13.5	11.5	13.5	14.5+2
	5320MHz (Ch64)	11.5	13.5	11.5	13.5	
	5500MHz (Ch114)	11.5	13.5	11.5	13.5	
	5700MHz (Ch140)	18	20	16.5	18	20.5+2
	Channel/data rate					
5G-802.11ax-RU484	5180MHz (Ch36)	12	14	12	14	15+2
	5320MHz (Ch64)	12	14	12	14	
	5500MHz (Ch114)	12	14	12	14	
	5700MHz (Ch140)	17	19	16.5	18	
	Channel/data rate					
5G-802.11ax-RU996	5200MHz (Ch50)	12	14	12	14	15+2
	5320MHz (Ch64)	12	14	12	14	
	5570MHz (Ch114)	12	14	12	14	
	5700MHz (Ch140)	16	18	16	18	
	Channel/data rate					
5G-802.11ax-RU1992	5180MHz (Ch36)					18+2
	5320MHz (Ch64)	15	17	15	17	
	5500MHz (Ch100)	15	17	15	17	
	5700MHz (Ch140)	15	17	15	17	
	Channel/data rate					

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5.8G-802.11ax-RU26	5745MHz (Ch149)	8	10	8	10	11±2
	5785MHz (Ch157)	8	10	8	10	
	5825MHz(Ch165)	8	10	8	10	
	Channel/data rate					
5.8G-802.11ax-RU52	5745MHz (Ch149)	11	13	11	13	14±2
	5785MHz (Ch157)	11	13	11	13	
	5825MHz(Ch165)	11	13	11	13	
	Channel/data rate					
5.8G-802.11ax-RU106	5745MHz (Ch149)	13	15	13	15	16±2
	5785MHz (Ch157)	13	15	13	15	
	5825MHz(Ch165)	13	15	13	15	
	Channel/data rate					
5.8G-802.11ax-RU242	5745MHz (Ch149)	18	20	16.5	18	20.5±2
	5785MHz (Ch157)	18	20	16.5	18	
	5825MHz(Ch165)	18	20	16.5	18	
	Channel/data rate					
5.8G-802.11ax-RU484	5745MHz (Ch149)	17	19	16.5	18	20±2
	5785MHz (Ch157)	17	19	16.5	18	
	5825MHz(Ch165)	17	19	16.5	18	
	Channel/data rate					
5.8G-802.11ax-RU996	5745MHz (Ch149)	16	18	16	18	19±2
	5785MHz (Ch157)	16	18	16	18	
	5825MHz(Ch165)	16	18	16	18	
	Channel/data rate					
5.8G-802.11ax-RU1992	5745MHz (Ch149)	15	17	15	17	18±2
	5785MHz (Ch157)	15	17	15	17	
	5825MHz(Ch165)	15	17	15	17	
	Channel/data rate					

WiFi5G Tune up-(Head Standalone)

5G-802.11a-6M	Channel/data rate					
	36(5180 MHz)	6.5	8.5	15	17	Consistent with SISO
	40(5200 MHz)	6.5	8.5	15	17	
	44(5220 MHz)	6.5	8.5	15	17	
	48(5240 MHz)	6.5	8.5	15	17	
	52(5260 MHz)	6.5	8.5	15	17	
	56(5280 MHz)	6.5	8.5	15	17	
	60(5300 MHz)	6.5	8.5	15	17	
	64(5320 MHz)	6.5	8.5	15	17	
	100(5500 MHz)	6.5	8.5	15	17	
	104(5520 MHz)	6.5	8.5	15	17	
	108(5540 MHz)	6.5	8.5	15	17	
	112(5560 MHz)	6.5	8.5	15	17	
	116(5580 MHz)	6.5	8.5	15	17	
	120(5600 MHz)	6.5	8.5	15	17	
	124(5620 MHz)	6.5	8.5	15	17	
	128(5640 MHz)	6.5	8.5	15	17	
	132(5660 MHz)	6.5	8.5	15	17	
	136(5680 MHz)	6.5	8.5	15	17	
	140(5700 MHz)	6.5	8.5	15	17	
144(5720 MHz)	6.5	8.5	15	17		
149(5745 MHz)	6.5	8.5	15	17		
153(5765 MHz)	6.5	8.5	15	17		
157(5785 MHz)	6.5	8.5	15	17		
161(5805 MHz)	6.5	8.5	15	17		
165(5825 MHz)	6.5	8.5	15	17		
5G-802.11n-HT20-mcs0	Channel/data rate					Consistent with SISO
	36(5180 MHz)	6.5	8.5	15	17	
	40(5200 MHz)	6.5	8.5	15	17	
	44(5220 MHz)	6.5	8.5	15	17	
	48(5240 MHz)	6.5	8.5	15	17	
	52(5260 MHz)	6.5	8.5	15	17	
	56(5280 MHz)	6.5	8.5	15	17	
	60(5300 MHz)	6.5	8.5	15	17	
	64(5320 MHz)	6.5	8.5	15	17	
	100(5500 MHz)	6.5	8.5	15	17	
	104(5520 MHz)	6.5	8.5	15	17	
	108(5540 MHz)	6.5	8.5	15	17	
	112(5560 MHz)	6.5	8.5	15	17	
	116(5580 MHz)	6.5	8.5	15	17	
	120(5600 MHz)	6.5	8.5	15	17	
	124(5620 MHz)	6.5	8.5	15	17	
	128(5640 MHz)	6.5	8.5	15	17	
	132(5660 MHz)	6.5	8.5	15	17	
	136(5680 MHz)	6.5	8.5	15	17	
	140(5700 MHz)	6.5	8.5	15	17	
144(5720 MHz)	6.5	8.5	15	17		
149(5745 MHz)	6.5	8.5	15	17		
153(5765 MHz)	6.5	8.5	15	17		
157(5785 MHz)	6.5	8.5	15	17		
161(5805 MHz)	6.5	8.5	15	17		
165(5825 MHz)	6.5	8.5	15	17		
5G-802.11n-HT40-mcs0	Channel/data rate					Consistent with SISO
	5190MHz (Ch38)	6.5	8.5	15	17	
	5230MHz (Ch46)	6.5	8.5	15	17	
	5270MHz (Ch54)	6.5	8.5	15	17	
	5310MHz (Ch62)	6.5	8.5	15	17	
	5510MHz (Ch102)	6.5	8.5	15	17	
	5550MHz (Ch110)	6.5	8.5	15	17	
	5670MHz (Ch134)	6.5	8.5	15	17	
	5710MHz (Ch142)	6.5	8.5	15	17	
	5755 (CH151)	6.5	8.5	15	17	
5795 (CH159)	6.5	8.5	15	17		
5G-802.11ac-VHT80-mcs0	Channel/data rate					Consistent with SISO
	5210MHz (Ch42)	6.5	8.5	/	/	
	5290MHz (Ch58)	6.5	8.5	/	/	
	5530MHz (Ch106)	6.5	8.5	/	/	
	5610MHz (Ch122)	6.5	8.5	15	17	
	5690MHz (Ch138)	6.5	8.5	15	17	
5775 (CH155)	6.5	8.5	15	17		

Note: / means no power reduction

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5G-802.11ac-VHT20-mcs0	36(5180 MHz)	6.5	8.5	15	17	Consistent with SISO
	40(5200 MHz)	6.5	8.5	15	17	
	44(5220 MHz)	6.5	8.5	15	17	
	48(5240 MHz)	6.5	8.5	15	17	
	52(5260 MHz)	6.5	8.5	15	17	
	56(5280 MHz)	6.5	8.5	15	17	
	60(5300 MHz)	6.5	8.5	15	17	
	64(5320 MHz)	6.5	8.5	15	17	
	100(5500 MHz)	6.5	8.5	15	17	
	104(5520 MHz)	6.5	8.5	15	17	
	108(5540 MHz)	6.5	8.5	15	17	
	112(5560 MHz)	6.5	8.5	15	17	
	116(5580 MHz)	6.5	8.5	15	17	
	120(5600 MHz)	6.5	8.5	15	17	
	124(5620 MHz)	6.5	8.5	15	17	
	128(5640 MHz)	6.5	8.5	15	17	
	132(5660 MHz)	6.5	8.5	15	17	
	136(5680 MHz)	6.5	8.5	15	17	
	140(5700 MHz)	6.5	8.5	15	17	
	144(5720 MHz)	6.5	8.5	15	17	
149(5745 MHz)	6.5	8.5	15	17	Consistent with SISO	
153(5765 MHz)	6.5	8.5	15	17		
157(5785 MHz)	6.5	8.5	15	17		
161(5805 MHz)	6.5	8.5	15	17		
165(5825 MHz)	6.5	8.5	15	17		
5G-802.11ac-VHT40-mcs0	Channel/data rate					
	5190MHz (Ch38)	6.5	8.5	15	17	Consistent with SISO
	5230MHz (Ch46)	6.5	8.5	15	17	
	5270MHz (Ch54)	6.5	8.5	15	17	
	5310MHz (Ch62)	6.5	8.5	15	17	
	5510MHz (Ch102)	6.5	8.5	15	17	
	5550MHz (Ch110)	6.5	8.5	15	17	
	5670MHz (Ch134)	6.5	8.5	15	17	
	5710MHz (Ch142)	6.5	8.5	15	17	
	5755 (CH151)	6.5	8.5	15	17	
5795 (CH159)	6.5	8.5	15	17	Consistent with SISO	
5G-802.11ax-HE80-mcs0	Channel/data rate					
	5210MHz (Ch42)	6.5	8.5	/	/	Consistent with SISO
	5290MHz (Ch58)	6.5	8.5	/	/	
	5530MHz (Ch106)	6.5	8.5	/	/	
	5610MHz (Ch122)	6.5	8.5	15	17	
	5690MHz (Ch138)	6.5	8.5	15	17	
5775 (CH155)	6.5	8.5	15	17	Consistent with SISO	

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5G-802.11ax-HE20-mcs0	36(5180 MHz)	6.5	8.5	15	17	Consistent with SISO
	40(5200 MHz)	6.5	8.5	15	17	
	44(5220 MHz)	6.5	8.5	15	17	
	48(5240 MHz)	6.5	8.5	15	17	
	52(5260 MHz)	6.5	8.5	15	17	
	56(5280 MHz)	6.5	8.5	15	17	
	60(5300 MHz)	6.5	8.5	15	17	
	64(5320 MHz)	6.5	8.5	15	17	
	100(5500 MHz)	6.5	8.5	15	17	
	104(5520 MHz)	6.5	8.5	15	17	
	108(5540 MHz)	6.5	8.5	15	17	
	112(5560 MHz)	6.5	8.5	15	17	
	116(5580 MHz)	6.5	8.5	15	17	
	120(5600 MHz)	6.5	8.5	15	17	
	124(5620 MHz)	6.5	8.5	15	17	
	128(5640 MHz)	6.5	8.5	15	17	
	132(5660 MHz)	6.5	8.5	15	17	
	136(5680 MHz)	6.5	8.5	15	17	
	140(5700 MHz)	6.5	8.5	15	17	
	144(5720 MHz)	6.5	8.5	15	17	
149(5745 MHz)	6.5	8.5	15	17		
153(5765 MHz)	6.5	8.5	15	17		
157(5785 MHz)	6.5	8.5	15	17		
161(5805 MHz)	6.5	8.5	15	17		
165(5825 MHz)	6.5	8.5	15	17		
5G-802.11ax-HE40-mcs0	Channel/data rate					
	5190MHz (Ch38)	6.5	8.5	15	17	Consistent with SISO
	5230MHz (Ch46)	6.5	8.5	15	17	
	5270MHz (Ch54)	6.5	8.5	15	17	
	5310MHz (Ch62)	6.5	8.5	15	17	
	5510MHz (Ch102)	6.5	8.5	15	17	
	5550MHz (Ch110)	6.5	8.5	15	17	
	5670MHz (Ch134)	6.5	8.5	15	17	
	5710MHz (Ch142)	6.5	8.5	15	17	
	5755 (CH151)	6.5	8.5	15	17	
5795 (CH159)	6.5	8.5	15	17	Consistent with SISO	
5G-802.11ax-HE160-mcs0	Channel/data rate					
	50(5250MHz)	6.5	8.5	/	/	Consistent with SISO
	114(5570MHz)	6.5	8.5	/	/	

Note: / means no power reduction

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5G-802.11ax-RU26	5180MHz (Ch36)	7.5	9.5	/	/	10+2
	5320MHz (Ch64)	7.5	9.5	/	/	
	5500MHz (Ch100)	7.5	9.5	/	/	
	5700MHz (Ch140)	7.5	9.5	/	/	
5G-802.11ax-RU52	Channel/data rate					Consistent with SISO
	5180MHz (Ch36)	7.5	9.5	/	/	
	5320MHz (Ch64)	7.5	9.5	/	/	
	5500MHz (Ch100)	7.5	9.5	/	/	
5G-802.11ax-RU106	Channel/data rate					Consistent with SISO
	5180MHz (Ch36)	7.5	9.5	/	/	
	5320MHz (Ch64)	7.5	9.5	/	/	
	5500MHz (Ch100)	7.5	9.5	/	/	
5G-802.11ax-RU242	Channel/data rate					Consistent with SISO
	5180MHz (Ch36)	7.5	9.5	/	/	
	5320MHz (Ch64)	7.5	9.5	/	/	
	5500MHz (Ch100)	7.5	9.5	/	/	
5G-802.11ax-RU484	Channel/data rate					Consistent with SISO
	5180MHz (Ch36)	7.5	9.5	/	/	
	5320MHz (Ch64)	7.5	9.5	/	/	
	5500MHz (Ch100)	7.5	9.5	/	/	
5G-802.11ax-RU996	Channel/data rate					Consistent with SISO
	5180MHz (Ch36)	7.5	9.5	/	/	
	5320MHz (Ch64)	7.5	9.5	/	/	
	5500MHz (Ch100)	7.5	9.5	/	/	
5G-802.11ax-RU1992	Channel/data rate					Consistent with SISO
	5180MHz (Ch36)					
	5320MHz (Ch64)	7.5	9.5	/	/	
	5500MHz (Ch100)	7.5	9.5	/	/	
5G-802.11ax-RU1992	5700MHz (Ch140)	7.5	9.5	/	/	

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5.8G-802.11ax-RU26	5745MHz (Ch149)	7.5	9.5	/	/	10+2
	5785MHz (Ch157)	7.5	9.5	/	/	
	5825MHz (Ch165)	7.5	9.5	/	/	
5.8G-802.11ax-RU52	Channel/data rate					Consistent with SISO
	5745MHz (Ch149)	7.5	9.5	/	/	
	5785MHz (Ch157)	7.5	9.5	/	/	
5.8G-802.11ax-RU106	Channel/data rate					Consistent with SISO
	5745MHz (Ch149)	7.5	9.5	/	/	
	5785MHz (Ch157)	7.5	9.5	/	/	
5.8G-802.11ax-RU242	Channel/data rate					Consistent with SISO
	5745MHz (Ch149)	7.5	9.5	/	/	
	5785MHz (Ch157)	7.5	9.5	/	/	
5.8G-802.11ax-RU484	Channel/data rate					Consistent with SISO
	5745MHz (Ch149)	7.5	9.5	/	/	
	5785MHz (Ch157)	7.5	9.5	/	/	
5.8G-802.11ax-RU996	Channel/data rate					Consistent with SISO
	5745MHz (Ch149)	7.5	9.5	/	/	
	5785MHz (Ch157)	7.5	9.5	/	/	
5.8G-802.11ax-RU1992	Channel/data rate					Consistent with SISO
	5745MHz (Ch149)	7.5	9.5	/	/	
	5785MHz (Ch157)	7.5	9.5	/	/	
5.8G-802.11ax-RU1992	5825MHz (Ch165)	7.5	9.5	/	/	

Note: / means no power reduction

WiFi5G Tune up-(Head Simultaneous)

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1
5G-802.11a-6M	36(5180 MHz)	3.5	5.5	11.5	13.5
	40(5200 MHz)	3.5	5.5	11.5	13.5
	44(5220 MHz)	3.5	5.5	11.5	13.5
	48(5240 MHz)	3.5	5.5	11.5	13.5
	52(5260 MHz)	3.5	5.5	11.5	13.5
	56(5280 MHz)	3.5	5.5	11.5	13.5
	60(5300 MHz)	3.5	5.5	11.5	13.5
	64(5320 MHz)	3.5	5.5	11.5	13.5
	100(5500 MHz)	3.5	5.5	11.5	13.5
	104(5520 MHz)	3.5	5.5	11.5	13.5
	108(5540 MHz)	3.5	5.5	11.5	13.5
	112(5560 MHz)	3.5	5.5	11.5	13.5
	116(5580 MHz)	3.5	5.5	11.5	13.5
	120(5600 MHz)	3.5	5.5	11.5	13.5
	124(5620 MHz)	3.5	5.5	11.5	13.5
	128(5640 MHz)	3.5	5.5	11.5	13.5
	132(5660 MHz)	3.5	5.5	11.5	13.5
	136(5680 MHz)	3.5	5.5	11.5	13.5
	140(5700 MHz)	3.5	5.5	11.5	13.5
	144(5720 MHz)	3.5	5.5	11.5	13.5
	149(5745 MHz)	3.5	5.5	11.5	13.5
	153(5765 MHz)	3.5	5.5	11.5	13.5
	157(5785 MHz)	3.5	5.5	11.5	13.5
	161(5805 MHz)	3.5	5.5	11.5	13.5
165(5825 MHz)	3.5	5.5	11.5	13.5	
5G-802.11n-HT20-mcs0	Channel/data rate				
	36(5180 MHz)	3.5	5.5	11.5	13.5
	40(5200 MHz)	3.5	5.5	11.5	13.5
	44(5220 MHz)	3.5	5.5	11.5	13.5
	48(5240 MHz)	3.5	5.5	11.5	13.5
	52(5260 MHz)	3.5	5.5	11.5	13.5
	56(5280 MHz)	3.5	5.5	11.5	13.5
	60(5300 MHz)	3.5	5.5	11.5	13.5
	64(5320 MHz)	3.5	5.5	11.5	13.5
	100(5500 MHz)	3.5	5.5	11.5	13.5
	104(5520 MHz)	3.5	5.5	11.5	13.5
	108(5540 MHz)	3.5	5.5	11.5	13.5
	112(5560 MHz)	3.5	5.5	11.5	13.5
	116(5580 MHz)	3.5	5.5	11.5	13.5
	120(5600 MHz)	3.5	5.5	11.5	13.5
	124(5620 MHz)	3.5	5.5	11.5	13.5
	128(5640 MHz)	3.5	5.5	11.5	13.5
	132(5660 MHz)	3.5	5.5	11.5	13.5
	136(5680 MHz)	3.5	5.5	11.5	13.5
	140(5700 MHz)	3.5	5.5	11.5	13.5
	144(5720 MHz)	3.5	5.5	11.5	13.5
	149(5745 MHz)	3.5	5.5	11.5	13.5
	153(5765 MHz)	3.5	5.5	11.5	13.5
	157(5785 MHz)	3.5	5.5	11.5	13.5
161(5805 MHz)	3.5	5.5	11.5	13.5	
165(5825 MHz)	3.5	5.5	11.5	13.5	
5G-802.11n-HT40-mcs0	Channel/data rate				
	5190MHz (Ch38)	3.5	5.5	11.5	13.5
	5230MHz(Ch46)	3.5	5.5	11.5	13.5
	5270MHz(Ch54)	3.5	5.5	11.5	13.5
	5310MHz(Ch62)	3.5	5.5	11.5	13.5
	5510MHz(Ch102)	3.5	5.5	11.5	13.5
	5550MHz(Ch110)	3.5	5.5	11.5	13.5
	5670MHz(Ch134)	3.5	5.5	11.5	13.5
	5710MHz(Ch142)	3.5	5.5	11.5	13.5
	5755 (CH151)	3.5	5.5	11.5	13.5
5795 (CH159)	3.5	5.5	11.5	13.5	
5G-802.11ac-VHT80-mcs0	Channel/data rate				
	5210MHz(Ch42)	3.5	5.5	11.5	13.5
	5290MHz(Ch58)	3.5	5.5	11.5	13.5
	5530MHz(Ch106)	3.5	5.5	11.5	13.5
	5610MHz(Ch122)	3.5	5.5	11.5	13.5
	5690MHz(Ch138)	3.5	5.5	11.5	13.5
5775 (CH155)	3.5	5.5	11.5	13.5	

	Channel\data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1
5G-802.11ac-VHT20-mcs0	36(5180 MHz)	3.5	5.5	11.5	13.5
	40(5200 MHz)	3.5	5.5	11.5	13.5
	44(5220 MHz)	3.5	5.5	11.5	13.5
	48(5240 MHz)	3.5	5.5	11.5	13.5
	52(5260 MHz)	3.5	5.5	11.5	13.5
	56(5280 MHz)	3.5	5.5	11.5	13.5
	60(5300 MHz)	3.5	5.5	11.5	13.5
	64(5320 MHz)	3.5	5.5	11.5	13.5
	100(5500 MHz)	3.5	5.5	11.5	13.5
	104(5520 MHz)	3.5	5.5	11.5	13.5
	108(5540 MHz)	3.5	5.5	11.5	13.5
	112(5560 MHz)	3.5	5.5	11.5	13.5
	116(5580 MHz)	3.5	5.5	11.5	13.5
	120(5600 MHz)	3.5	5.5	11.5	13.5
	124(5620 MHz)	3.5	5.5	11.5	13.5
	128(5640 MHz)	3.5	5.5	11.5	13.5
	132(5660 MHz)	3.5	5.5	11.5	13.5
	136(5680 MHz)	3.5	5.5	11.5	13.5
	140(5700 MHz)	3.5	5.5	11.5	13.5
	5G-802.11ac-VHT40-mcs0	144(5720 MHz)	3.5	5.5	11.5
149(5745 MHz)		3.5	5.5	11.5	13.5
153(5765 MHz)		3.5	5.5	11.5	13.5
157(5785 MHz)		3.5	5.5	11.5	13.5
161(5805 MHz)		3.5	5.5	11.5	13.5
165(5825 MHz)		3.5	5.5	11.5	13.5
Channel\data rate					
5190MHz (Ch38)		3.5	5.5	11.5	13.5
5230MHz(Ch46)		3.5	5.5	11.5	13.5
5270MHz(Ch54)		3.5	5.5	11.5	13.5
5310MHz(Ch62)	3.5	5.5	11.5	13.5	
5510MHz(Ch102)	3.5	5.5	11.5	13.5	
5550MHz(Ch110)	3.5	5.5	11.5	13.5	
5670MHz(Ch134)	3.5	5.5	11.5	13.5	
5710MHz(Ch142)	3.5	5.5	11.5	13.5	
5755 (CH151)	3.5	5.5	11.5	13.5	
5795 (CH159)	3.5	5.5	11.5	13.5	
5G-802.11ax-HE80-mcs0	Channel\data rate				
	5210MHz(Ch42)	3.5	5.5	11.5	13.5
	5290MHz(Ch58)	3.5	5.5	11.5	13.5
	5530MHz(Ch106)	3.5	5.5	11.5	13.5
	5610MHz(Ch122)	3.5	5.5	11.5	13.5
	5690MHz(Ch138)	3.5	5.5	11.5	13.5
5775 (CH155)	3.5	5.5	11.5	13.5	

	Channel\data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1
5G-802.11ax-HE20-mcs0	36(5180 MHz)	3.5	5.5	11.5	13.5
	40(5200 MHz)	3.5	5.5	11.5	13.5
	44(5220 MHz)	3.5	5.5	11.5	13.5
	48(5240 MHz)	3.5	5.5	11.5	13.5
	52(5260 MHz)	3.5	5.5	11.5	13.5
	56(5280 MHz)	3.5	5.5	11.5	13.5
	60(5300 MHz)	3.5	5.5	11.5	13.5
	64(5320 MHz)	3.5	5.5	11.5	13.5
	100(5500 MHz)	3.5	5.5	11.5	13.5
	104(5520 MHz)	3.5	5.5	11.5	13.5
	108(5540 MHz)	3.5	5.5	11.5	13.5
	112(5560 MHz)	3.5	5.5	11.5	13.5
	116(5580 MHz)	3.5	5.5	11.5	13.5
	120(5600 MHz)	3.5	5.5	11.5	13.5
	124(5620 MHz)	3.5	5.5	11.5	13.5
	128(5640 MHz)	3.5	5.5	11.5	13.5
	132(5660 MHz)	3.5	5.5	11.5	13.5
	136(5680 MHz)	3.5	5.5	11.5	13.5
	140(5700 MHz)	3.5	5.5	11.5	13.5
	144(5720 MHz)	3.5	5.5	11.5	13.5
149(5745 MHz)	3.5	5.5	11.5	13.5	
153(5765 MHz)	3.5	5.5	11.5	13.5	
157(5785 MHz)	3.5	5.5	11.5	13.5	
161(5805 MHz)	3.5	5.5	11.5	13.5	
165(5825 MHz)	3.5	5.5	11.5	13.5	
5G-802.11ax-HE40-mcs0	Channel\data rate				
	5190MHz (Ch38)	3.5	5.5	11.5	13.5
	5230MHz(Ch46)	3.5	5.5	11.5	13.5
	5270MHz(Ch54)	3.5	5.5	11.5	13.5
	5310MHz(Ch62)	3.5	5.5	11.5	13.5
	5510MHz(Ch102)	3.5	5.5	11.5	13.5
	5550MHz(Ch110)	3.5	5.5	11.5	13.5
	5670MHz(Ch134)	3.5	5.5	11.5	13.5
	5710MHz(Ch142)	3.5	5.5	11.5	13.5
	5755 (CH151)	3.5	5.5	11.5	13.5
5795 (CH159)	3.5	5.5	11.5	13.5	
5G-802.11ax-HE160-mcs0	Channel\data rate				
	50(5250MHz)	3.5	5.5	11.5	13.5
	114(5570MHz)	3.5	5.5	11.5	13.5

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5G-802.11ax-RU26	5180MHz (Ch36)	3.5	5.5	/	/	Consistent with SISO
	5320MHz (Ch64)	3.5	5.5	/	/	
	5500MHz (Ch100)	3.5	5.5	/	/	
	5700MHz (Ch140)	3.5	5.5	/	/	
5G-802.11ax-RU52	5180MHz (Ch36)	3.5	5.5	/	/	Consistent with SISO
	5320MHz (Ch64)	3.5	5.5	/	/	
	5500MHz (Ch100)	3.5	5.5	/	/	
	5700MHz (Ch140)	3.5	5.5	/	/	
5G-802.11ax-RU106	5180MHz (Ch36)	3.5	5.5	11.5	13.5	Consistent with SISO
	5320MHz (Ch64)	3.5	5.5	11.5	13.5	
	5500MHz (Ch100)	3.5	5.5	11.5	13.5	
	5700MHz (Ch140)	3.5	5.5	11.5	13.5	
5G-802.11ax-RU242	5180MHz (Ch36)	3.5	5.5	11.5	13.5	Consistent with SISO
	5320MHz (Ch64)	3.5	5.5	11.5	13.5	
	5500MHz (Ch114)	3.5	5.5	11.5	13.5	
	5700MHz (Ch140)	3.5	5.5	11.5	13.5	
5G-802.11ax-RU484	5180MHz (Ch36)	3.5	5.5	11.5	13.5	Consistent with SISO
	5320MHz (Ch64)	3.5	5.5	11.5	13.5	
	5500MHz (Ch114)	3.5	5.5	11.5	13.5	
	5700MHz (Ch140)	3.5	5.5	11.5	13.5	
5G-802.11ax-RU996	5200MHz (Ch50)	3.5	5.5	11.5	13.5	Consistent with SISO
	5320MHz (Ch64)	3.5	5.5	11.5	13.5	
	5570MHz (Ch114)	3.5	5.5	11.5	13.5	
	5700MHz (Ch140)	3.5	5.5	11.5	13.5	
5G-802.11ax-RU1992	5180MHz (Ch36)					Consistent with SISO
	5320MHz (Ch64)	3.5	5.5	11.5	13.5	
	5500MHz (Ch100)	3.5	5.5	11.5	13.5	
	5700MHz (Ch140)	3.5	5.5	11.5	13.5	

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5.8G-802.11ax-RU26	5745MHz (Ch149)	3.5	5.5	/	/	Consistent with SISO
	5785MHz (Ch157)	3.5	5.5	/	/	
	5825MHz (Ch165)	3.5	5.5	/	/	
5.8G-802.11ax-RU52	5745MHz (Ch149)	3.5	5.5	/	/	Consistent with SISO
	5785MHz (Ch157)	3.5	5.5	/	/	
	5825MHz (Ch165)	3.5	5.5	/	/	
5.8G-802.11ax-RU106	5745MHz (Ch149)	3.5	5.5	11.5	13.5	Consistent with SISO
	5785MHz (Ch157)	3.5	5.5	11.5	13.5	
	5825MHz (Ch165)	3.5	5.5	11.5	13.5	
5.8G-802.11ax-RU242	5745MHz (Ch149)	3.5	5.5	11.5	13.5	Consistent with SISO
	5785MHz (Ch157)	3.5	5.5	11.5	13.5	
	5825MHz (Ch165)	3.5	5.5	11.5	13.5	
5.8G-802.11ax-RU484	5745MHz (Ch149)	3.5	5.5	11.5	13.5	Consistent with SISO
	5785MHz (Ch157)	3.5	5.5	11.5	13.5	
	5825MHz (Ch165)	3.5	5.5	11.5	13.5	
5.8G-802.11ax-RU996	5745MHz (Ch149)	3.5	5.5	11.5	13.5	Consistent with SISO
	5785MHz (Ch157)	3.5	5.5	11.5	13.5	
	5825MHz (Ch165)	3.5	5.5	11.5	13.5	
5.8G-802.11ax-RU1992	5745MHz (Ch149)	3.5	5.5	11.5	13.5	Consistent with SISO
	5785MHz (Ch157)	3.5	5.5	11.5	13.5	
	5825MHz (Ch165)	3.5	5.5	11.5	13.5	

Note: / means no power reduction



WiFi5G Tune up- (Body standalone)

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	
5G-802.11a-6M	36(5180 MHz)	7.5	9.5	/	/	Consistent with SISO
	40(5200 MHz)	7.5	9.5	/	/	
	44(5220 MHz)	7.5	9.5	/	/	
	48(5240 MHz)	7.5	9.5	/	/	
	52(5260 MHz)	7.5	9.5	/	/	
	56(5280 MHz)	7.5	9.5	/	/	
	60(5300 MHz)	7.5	9.5	/	/	
	64(5320 MHz)	7.5	9.5	/	/	
	100(5500 MHz)	7.5	9.5	/	/	
	104(5520 MHz)	7.5	9.5	/	/	
	108(5540 MHz)	7.5	9.5	/	/	
	112(5560 MHz)	7.5	9.5	/	/	
	116(5580 MHz)	7.5	9.5	/	/	
	120(5600 MHz)	7.5	9.5	/	/	
	124(5620 MHz)	7.5	9.5	/	/	
	128(5640 MHz)	7.5	9.5	/	/	
	132(5660 MHz)	7.5	9.5	/	/	
	136(5680 MHz)	7.5	9.5	/	/	
	140(5700 MHz)	7.5	9.5	/	/	
	144(5720 MHz)	7.5	9.5	/	/	
149(5745 MHz)	7.5	9.5	/	/		
153(5765 MHz)	7.5	9.5	/	/		
157(5785 MHz)	7.5	9.5	/	/		
161(5805 MHz)	7.5	9.5	/	/		
165(5825 MHz)	7.5	9.5	/	/		
5G-802.11n-HT20-mcs0	Channel/data rate					Consistent with SISO
	36(5180 MHz)	7.5	9.5	/	/	
	40(5200 MHz)	7.5	9.5	/	/	
	44(5220 MHz)	7.5	9.5	/	/	
	48(5240 MHz)	7.5	9.5	/	/	
	52(5260 MHz)	7.5	9.5	/	/	
	56(5280 MHz)	7.5	9.5	/	/	
	60(5300 MHz)	7.5	9.5	/	/	
	64(5320 MHz)	7.5	9.5	/	/	
	100(5500 MHz)	7.5	9.5	/	/	
	104(5520 MHz)	7.5	9.5	/	/	
	108(5540 MHz)	7.5	9.5	/	/	
	112(5560 MHz)	7.5	9.5	/	/	
	116(5580 MHz)	7.5	9.5	/	/	
	120(5600 MHz)	7.5	9.5	/	/	
	124(5620 MHz)	7.5	9.5	/	/	
	128(5640 MHz)	7.5	9.5	/	/	
	132(5660 MHz)	7.5	9.5	/	/	
	136(5680 MHz)	7.5	9.5	/	/	
	140(5700 MHz)	7.5	9.5	/	/	
144(5720 MHz)	7.5	9.5	/	/		
149(5745 MHz)	7.5	9.5	/	/		
153(5765 MHz)	7.5	9.5	/	/		
157(5785 MHz)	7.5	9.5	/	/		
161(5805 MHz)	7.5	9.5	/	/		
165(5825 MHz)	7.5	9.5	/	/		
5G-802.11n-HT40-mcs0	Channel/data rate					Consistent with SISO
	5190MHz (Ch38)	4	6.8	/	/	
	5230MHz (Ch46)	4	6.8	/	/	
	5270MHz (Ch54)	4	6.8	/	/	
	5310MHz (Ch62)	4	6.8	/	/	
	5510MHz (Ch102)	4	6.8	/	/	
	5550MHz (Ch110)	4	6.8	/	/	
	5670MHz (Ch134)	4	6.8	/	/	
	5710MHz (Ch142)	4	6.8	/	/	
	5755 (CH151)	4	6.8	/	/	
5795 (CH159)	4	6.8	/	/		
5G-802.11ac-VHT80-mcs0	Channel/data rate					Consistent with SISO
	5210MHz (Ch42)	4	6.8	/	/	
	5290MHz (Ch58)	4	6.8	/	/	
	5530MHz (Ch106)	4	6.8	/	/	
	5610MHz (Ch122)	4	6.8	/	/	
	5690MHz (Ch138)	4	6.8	/	/	
5775 (CH155)	4	6.8	/	/		

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5G-802.11ac-VHT20-mcs0	36(5180 MHz)	7.5	9.5	/	/	Consistent with SISO
	40(5200 MHz)	7.5	9.5	/	/	
	44(5220 MHz)	7.5	9.5	/	/	
	48(5240 MHz)	7.5	9.5	/	/	
	52(5260 MHz)	7.5	9.5	/	/	
	56(5280 MHz)	7.5	9.5	/	/	
	60(5300 MHz)	7.5	9.5	/	/	
	64(5320 MHz)	7.5	9.5	/	/	
	100(5500 MHz)	7.5	9.5	/	/	
	104(5520 MHz)	7.5	9.5	/	/	
	108(5540 MHz)	7.5	9.5	/	/	
	112(5560 MHz)	7.5	9.5	/	/	
	116(5580 MHz)	7.5	9.5	/	/	
	120(5600 MHz)	7.5	9.5	/	/	
	124(5620 MHz)	7.5	9.5	/	/	
	128(5640 MHz)	7.5	9.5	/	/	
	132(5660 MHz)	7.5	9.5	/	/	
	136(5680 MHz)	7.5	9.5	/	/	
	140(5700 MHz)	7.5	9.5	/	/	
	144(5720 MHz)	7.5	9.5	/	/	
149(5745 MHz)	7.5	9.5	/	/		
153(5765 MHz)	7.5	9.5	/	/		
157(5785 MHz)	7.5	9.5	/	/		
161(5805 MHz)	7.5	9.5	/	/		
165(5825 MHz)	7.5	9.5	/	/		
5G-802.11ac-VHT40-mcs0	Channel/data rate					Consistent with SISO
	5190MHz (Ch38)	7.5	9.5	/	/	
	5230MHz (Ch46)	7.5	9.5	/	/	
	5270MHz (Ch54)	7.5	9.5	/	/	
	5310MHz (Ch62)	7.5	9.5	/	/	
	5510MHz (Ch102)	7.5	9.5	/	/	
	5550MHz (Ch110)	7.5	9.5	/	/	
	5670MHz (Ch134)	7.5	9.5	/	/	
	5710MHz (Ch142)	7.5	9.5	/	/	
	5755 (CH151)	7.5	9.5	/	/	
5795 (CH159)	7.5	9.5	/	/		
5G-802.11ax-HE80-mcs0	Channel/data rate					Consistent with SISO
	5210MHz (Ch42)	7.5	9.5	/	/	
	5290MHz (Ch58)	7.5	9.5	/	/	
	5530MHz (Ch106)	7.5	9.5	/	/	
	5610MHz (Ch122)	7.5	9.5	/	/	
	5690MHz (Ch138)	7.5	9.5	/	/	
5775 (CH155)	7.5	9.5	/	/		

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5G-802.11ax-HE20-mcs0	36(5180 MHz)	7.5	9.5	/	/	Consistent with SISO
	40(5200 MHz)	7.5	9.5	/	/	
	44(5220 MHz)	7.5	9.5	/	/	
	48(5240 MHz)	7.5	9.5	/	/	
	52(5260 MHz)	7.5	9.5	/	/	
	56(5280 MHz)	7.5	9.5	/	/	
	60(5300 MHz)	7.5	9.5	/	/	
	64(5320 MHz)	7.5	9.5	/	/	
	100(5500 MHz)	7.5	9.5	/	/	
	104(5520 MHz)	7.5	9.5	/	/	
	108(5540 MHz)	7.5	9.5	/	/	
	112(5560 MHz)	7.5	9.5	/	/	
	116(5580 MHz)	7.5	9.5	/	/	
	120(5600 MHz)	7.5	9.5	/	/	
	124(5620 MHz)	7.5	9.5	/	/	
	128(5640 MHz)	7.5	9.5	/	/	
	132(5660 MHz)	7.5	9.5	/	/	
	136(5680 MHz)	7.5	9.5	/	/	
	140(5700 MHz)	7.5	9.5	/	/	
	144(5720 MHz)	7.5	9.5	/	/	
149(5745 MHz)	7.5	9.5	/	/		
153(5765 MHz)	7.5	9.5	/	/		
157(5785 MHz)	7.5	9.5	/	/		
161(5805 MHz)	7.5	9.5	/	/		
165(5825 MHz)	7.5	9.5	/	/		
5G-802.11ax-HE40-mcs0	Channel/data rate					Consistent with SISO
	5190MHz (Ch38)	7.5	9.5	/	/	
	5230MHz (Ch46)	7.5	9.5	/	/	
	5270MHz (Ch54)	7.5	9.5	/	/	
	5310MHz (Ch62)	7.5	9.5	/	/	
	5510MHz (Ch102)	7.5	9.5	/	/	
	5550MHz (Ch110)	7.5	9.5	/	/	
	5670MHz (Ch134)	7.5	9.5	/	/	
	5710MHz (Ch142)	7.5	9.5	/	/	
	5755 (CH151)	7.5	9.5	/	/	
5795 (CH159)	7.5	9.5	/	/		
5G-802.11ax-HE160-mcs0	Channel/data rate					Consistent with SISO
	50(5250MHz)	7.5	9.5	/	/	
	114(5570MHz)	7.5	9.5	/	/	

Note: / means no power reduction

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5G-802.11ax-RU26	5180MHz (Ch36)	7.5	9.5	/	/	10+2
	5320MHz (Ch64)	7.5	9.5	/	/	
	5500MHz (Ch100)	7.5	9.5	/	/	
	5700MHz (Ch140)	7.5	9.5	/	/	
	Channel/data rate					
5G-802.11ax-RU52	5180MHz (Ch36)	7.5	9.5	/	/	Consistent with SISO
	5320MHz (Ch64)	7.5	9.5	/	/	
	5500MHz (Ch100)	7.5	9.5	/	/	
	5700MHz (Ch140)	7.5	9.5	/	/	
	Channel/data rate					
5G-802.11ax-RU106	5180MHz (Ch36)	7.5	9.5	/	/	Consistent with SISO
	5320MHz (Ch64)	7.5	9.5	/	/	
	5500MHz (Ch100)	7.5	9.5	/	/	
	5700MHz (Ch140)	7.5	9.5	/	/	
	Channel/data rate					
5G-802.11ax-RU242	5180MHz (Ch36)	7.5	9.5	/	/	Consistent with SISO
	5320MHz (Ch64)	7.5	9.5	/	/	
	5500MHz (Ch100)	7.5	9.5	/	/	
	5700MHz (Ch140)	7.5	9.5	/	/	
	Channel/data rate					
5G-802.11ax-RU484	5180MHz (Ch36)	7.5	9.5	/	/	Consistent with SISO
	5320MHz (Ch64)	7.5	9.5	/	/	
	5500MHz (Ch100)	7.5	9.5	/	/	
	5700MHz (Ch140)	7.5	9.5	/	/	
	Channel/data rate					
5G-802.11ax-RU996	5180MHz (Ch36)	7.5	9.5	/	/	Consistent with SISO
	5320MHz (Ch64)	7.5	9.5	/	/	
	5500MHz (Ch100)	7.5	9.5	/	/	
	5700MHz (Ch140)	7.5	9.5	/	/	
	Channel/data rate					
5G-802.11ax-RU1992	5180MHz (Ch36)					Consistent with SISO
	5320MHz (Ch64)	7.5	9.5	/	/	
	5500MHz (Ch100)	7.5	9.5	/	/	
	5700MHz (Ch140)	7.5	9.5	/	/	
	Channel/data rate					

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5.8G-802.11ax-RU26	5745MHz (Ch149)	7.5	9.5	/	/	10+2
	5785MHz (Ch157)	7.5	9.5	/	/	
	5825MHz (Ch165)	7.5	9.5	/	/	
	Channel/data rate					
5.8G-802.11ax-RU52	5745MHz (Ch149)	7.5	9.5	/	/	Consistent with SISO
	5785MHz (Ch157)	7.5	9.5	/	/	
	5825MHz (Ch165)	7.5	9.5	/	/	
	Channel/data rate					
5.8G-802.11ax-RU106	5745MHz (Ch149)	7.5	9.5	/	/	Consistent with SISO
	5785MHz (Ch157)	7.5	9.5	/	/	
	5825MHz (Ch165)	7.5	9.5	/	/	
	Channel/data rate					
5.8G-802.11ax-RU242	5745MHz (Ch149)	7.5	9.5	/	/	Consistent with SISO
	5785MHz (Ch157)	7.5	9.5	/	/	
	5825MHz (Ch165)	7.5	9.5	/	/	
	Channel/data rate					
5.8G-802.11ax-RU484	5745MHz (Ch149)	7.5	9.5	/	/	Consistent with SISO
	5785MHz (Ch157)	7.5	9.5	/	/	
	5825MHz (Ch165)	7.5	9.5	/	/	
	Channel/data rate					
5.8G-802.11ax-RU996	5745MHz (Ch149)	7.5	9.5	/	/	Consistent with SISO
	5785MHz (Ch157)	7.5	9.5	/	/	
	5825MHz (Ch165)	7.5	9.5	/	/	
	Channel/data rate					
5.8G-802.11ax-RU1992	5745MHz (Ch149)	7.5	9.5	/	/	Consistent with SISO
	5785MHz (Ch157)	7.5	9.5	/	/	
	5825MHz (Ch165)	7.5	9.5	/	/	
	Channel/data rate					

WiFi5G Tune up- (Body Simultaneous)

	Channel\data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MMO
5G-802.11a-6M	36(5180 MHz)	3.5	5.5	/	/	Consistent with SISO
	40(5200 MHz)	3.5	5.5	/	/	
	44(5220 MHz)	3.5	5.5	/	/	
	48(5240 MHz)	3.5	5.5	/	/	
	52(5260 MHz)	3.5	5.5	/	/	
	56(5280 MHz)	3.5	5.5	/	/	
	60(5300 MHz)	3.5	5.5	/	/	
	64(5320 MHz)	3.5	5.5	/	/	
	100(5500 MHz)	3.5	5.5	/	/	
	104(5520 MHz)	3.5	5.5	/	/	
	108(5540 MHz)	3.5	5.5	/	/	
	112(5560 MHz)	3.5	5.5	/	/	
	116(5580 MHz)	3.5	5.5	/	/	
	120(5600 MHz)	3.5	5.5	/	/	
	124(5620 MHz)	3.5	5.5	/	/	
	128(5640 MHz)	3.5	5.5	/	/	
	132(5660 MHz)	3.5	5.5	/	/	
	136(5680 MHz)	3.5	5.5	/	/	
	140(5700 MHz)	3.5	5.5	/	/	
	144(5720 MHz)	3.5	5.5	/	/	
149(5745 MHz)	3.5	5.5	/	/		
153(5765 MHz)	3.5	5.5	/	/		
157(5785 MHz)	3.5	5.5	/	/		
161(5805 MHz)	3.5	5.5	/	/		
165(5825 MHz)	3.5	5.5	/	/		
5G-802.11n-HT20-mcs0	Channel\data rate					Consistent with SISO
	36(5180 MHz)	3.5	5.5	/	/	
	40(5200 MHz)	3.5	5.5	/	/	
	44(5220 MHz)	3.5	5.5	/	/	
	48(5240 MHz)	3.5	5.5	/	/	
	52(5260 MHz)	3.5	5.5	/	/	
	56(5280 MHz)	3.5	5.5	/	/	
	60(5300 MHz)	3.5	5.5	/	/	
	64(5320 MHz)	3.5	5.5	/	/	
	100(5500 MHz)	3.5	5.5	/	/	
	104(5520 MHz)	3.5	5.5	/	/	
	108(5540 MHz)	3.5	5.5	/	/	
	112(5560 MHz)	3.5	5.5	/	/	
	116(5580 MHz)	3.5	5.5	/	/	
	120(5600 MHz)	3.5	5.5	/	/	
	124(5620 MHz)	3.5	5.5	/	/	
	128(5640 MHz)	3.5	5.5	/	/	
	132(5660 MHz)	3.5	5.5	/	/	
	136(5680 MHz)	3.5	5.5	/	/	
	140(5700 MHz)	3.5	5.5	/	/	
144(5720 MHz)	3.5	5.5	/	/		
149(5745 MHz)	3.5	5.5	/	/		
153(5765 MHz)	3.5	5.5	/	/		
157(5785 MHz)	3.5	5.5	/	/		
161(5805 MHz)	3.5	5.5	/	/		
165(5825 MHz)	3.5	5.5	/	/		
5G-802.11n-HT40-mcs0	Channel\data rate					Consistent with SISO
	5190MHz (Ch38)	3.5	5.5	/	/	
	5230MHz(Ch46)	3.5	5.5	/	/	
	5270MHz(Ch54)	3.5	5.5	/	/	
	5310MHz(Ch62)	3.5	5.5	/	/	
	5510MHz(Ch102)	3.5	5.5	/	/	
	5550MHz(Ch110)	3.5	5.5	/	/	
	5670MHz(Ch134)	3.5	5.5	/	/	
	5710MHz(Ch142)	3.5	5.5	/	/	
	5755 (CH151)	3.5	5.5	/	/	
5795 (CH159)	3.5	5.5	/	/		
5G-802.11ac-VHT80-mcs0	Channel\data rate					Consistent with SISO
	5210MHz(Ch42)	3.5	5.5	/	/	
	5290MHz(Ch58)	3.5	5.5	/	/	
	5530MHz(Ch106)	3.5	5.5	/	/	
	5610MHz(Ch122)	3.5	5.5	/	/	
	5690MHz(Ch138)	3.5	5.5	/	/	Consistent with SISO
	5775 (CH155)	3.5	5.5	/	/	

Note: / means no power reduction

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5G-802.11ac-VHT20-mcs0	36(5180 MHz)	3.5	5.5	/	/	Consistent with SISO
	40(5200 MHz)	3.5	5.5	/	/	
	44(5220 MHz)	3.5	5.5	/	/	
	48(5240 MHz)	3.5	5.5	/	/	
	52(5260 MHz)	3.5	5.5	/	/	
	56(5280 MHz)	3.5	5.5	/	/	
	60(5300 MHz)	3.5	5.5	/	/	
	64(5320 MHz)	3.5	5.5	/	/	
	100(5500 MHz)	3.5	5.5	/	/	
	104(5520 MHz)	3.5	5.5	/	/	
	108(5540 MHz)	3.5	5.5	/	/	
	112(5560 MHz)	3.5	5.5	/	/	
	116(5580 MHz)	3.5	5.5	/	/	
	120(5600 MHz)	3.5	5.5	/	/	
	124(5620 MHz)	3.5	5.5	/	/	
	128(5640 MHz)	3.5	5.5	/	/	
	132(5660 MHz)	3.5	5.5	/	/	
	136(5680 MHz)	3.5	5.5	/	/	
140(5700 MHz)	3.5	5.5	/	/		
144(5720 MHz)	3.5	5.5	/	/		
149(5745 MHz)	3.5	5.5	/	/		
153(5765 MHz)	3.5	5.5	/	/		
157(5785 MHz)	3.5	5.5	/	/		
161(5805 MHz)	3.5	5.5	/	/		
165(5825 MHz)	3.5	5.5	/	/		
5G-802.11ac-VHT40-mcs0	Channel/data rate					Consistent with SISO
	5190MHz (Ch38)	3.5	5.5	/	/	
	5230MHz (Ch46)	3.5	5.5	/	/	
	5270MHz (Ch54)	3.5	5.5	/	/	
	5310MHz (Ch62)	3.5	5.5	/	/	
	5510MHz (Ch102)	3.5	5.5	/	/	
	5550MHz (Ch110)	3.5	5.5	/	/	
	5670MHz (Ch134)	3.5	5.5	/	/	
	5710MHz (Ch142)	3.5	5.5	/	/	
5755 (CH151)	3.5	5.5	/	/		
5795 (CH159)	3.5	5.5	/	/		
5G-802.11ax-HE80-mcs0	Channel/data rate					Consistent with SISO
	5210MHz (Ch42)	3.5	5.5	/	/	
	5290MHz (Ch58)	3.5	5.5	/	/	
	5530MHz (Ch106)	3.5	5.5	/	/	
	5610MHz (Ch122)	3.5	5.5	/	/	
5690MHz (Ch138)	3.5	5.5	/	/		
5775 (CH155)	3.5	5.5	/	/		

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5G-802.11ax-HE20-mcs0	36(5180 MHz)	3.5	5.5	/	/	Consistent with SISO
	40(5200 MHz)	3.5	5.5	/	/	
	44(5220 MHz)	3.5	5.5	/	/	
	48(5240 MHz)	3.5	5.5	/	/	
	52(5260 MHz)	3.5	5.5	/	/	
	56(5280 MHz)	3.5	5.5	/	/	
	60(5300 MHz)	3.5	5.5	/	/	
	64(5320 MHz)	3.5	5.5	/	/	
	100(5500 MHz)	3.5	5.5	/	/	
	104(5520 MHz)	3.5	5.5	/	/	
	108(5540 MHz)	3.5	5.5	/	/	
	112(5560 MHz)	3.5	5.5	/	/	
	116(5580 MHz)	3.5	5.5	/	/	
	120(5600 MHz)	3.5	5.5	/	/	
	124(5620 MHz)	3.5	5.5	/	/	
	128(5640 MHz)	3.5	5.5	/	/	
	132(5660 MHz)	3.5	5.5	/	/	
	136(5680 MHz)	3.5	5.5	/	/	
140(5700 MHz)	3.5	5.5	/	/		
144(5720 MHz)	3.5	5.5	/	/		
149(5745 MHz)	3.5	5.5	/	/		
153(5765 MHz)	3.5	5.5	/	/		
157(5785 MHz)	3.5	5.5	/	/		
161(5805 MHz)	3.5	5.5	/	/		
165(5825 MHz)	3.5	5.5	/	/		
5G-802.11ax-HE40-mcs0	Channel/data rate					Consistent with SISO
	5190MHz (Ch38)	3.5	5.5	/	/	
	5230MHz (Ch46)	3.5	5.5	/	/	
	5270MHz (Ch54)	3.5	5.5	/	/	
	5310MHz (Ch62)	3.5	5.5	/	/	
	5510MHz (Ch102)	3.5	5.5	/	/	
	5550MHz (Ch110)	3.5	5.5	/	/	
	5670MHz (Ch134)	3.5	5.5	/	/	
	5710MHz (Ch142)	3.5	5.5	/	/	
5755 (CH151)	3.5	5.5	/	/		
5795 (CH159)	3.5	5.5	/	/		
5G-802.11ax-HE160-mcs0	Channel/data rate					Consistent with SISO
	50(5250MHz)	3.5	5.5	/	/	
114(5570MHz)	3.5	5.5	/	/		

Note: / means no power reduction



	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5G-802.11ax-RU26	5180MHz (Ch36)	3.5	5.5	/	/	Consistent with SISO
	5320MHz (Ch64)	3.5	5.5	/	/	
	5500MHz (Ch100)	3.5	5.5	/	/	
	5700MHz (Ch140)	3.5	5.5	/	/	
5G-802.11ax-RU52	Channel/data rate					Consistent with SISO
	5180MHz (Ch36)	3.5	5.5	/	/	
	5320MHz (Ch64)	3.5	5.5	/	/	
	5500MHz (Ch100)	3.5	5.5	/	/	
5G-802.11ax-RU106	Channel/data rate					Consistent with SISO
	5180MHz (Ch36)	3.5	5.5	/	/	
	5320MHz (Ch64)	3.5	5.5	/	/	
	5500MHz (Ch100)	3.5	5.5	/	/	
5G-802.11ax-RU242	Channel/data rate					Consistent with SISO
	5180MHz (Ch36)	3.5	5.5	/	/	
	5320MHz (Ch64)	3.5	5.5	/	/	
	5500MHz (Ch114)	3.5	5.5	/	/	
5G-802.11ax-RU484	Channel/data rate					Consistent with SISO
	5180MHz (Ch36)	3.5	5.5	/	/	
	5320MHz (Ch64)	3.5	5.5	/	/	
	5500MHz (Ch114)	3.5	5.5	/	/	
5G-802.11ax-RU996	Channel/data rate					Consistent with SISO
	5320MHz (Ch50)	3.5	5.5	/	/	
	5320MHz (Ch64)	3.5	5.5	/	/	
	5570MHz (Ch114)	3.5	5.5	/	/	
5G-802.11ax-RU1992	Channel/data rate					Consistent with SISO
	5180MHz (Ch36)					
	5320MHz (Ch64)	3.5	5.5	/	/	
	5500MHz (Ch100)	3.5	5.5	/	/	

	Channel/data rate	ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
5.8G-802.11ax-RU26	5745MHz (Ch149)	3.5	5.5	/	/	Consistent with SISO
	5785MHz (Ch157)	3.5	5.5	/	/	
	5825MHz (Ch165)	3.5	5.5	/	/	
5.8G-802.11ax-RU52	Channel/data rate					Consistent with SISO
	5745MHz (Ch149)	3.5	5.5	/	/	
	5785MHz (Ch157)	3.5	5.5	/	/	
5.8G-802.11ax-RU106	Channel/data rate					Consistent with SISO
	5745MHz (Ch149)	3.5	5.5	/	/	
	5785MHz (Ch157)	3.5	5.5	/	/	
5.8G-802.11ax-RU242	Channel/data rate					Consistent with SISO
	5745MHz (Ch149)	3.5	5.5	/	/	
	5785MHz (Ch157)	3.5	5.5	/	/	
5.8G-802.11ax-RU484	Channel/data rate					Consistent with SISO
	5745MHz (Ch149)	3.5	5.5	/	/	
	5785MHz (Ch157)	3.5	5.5	/	/	
5.8G-802.11ax-RU996	Channel/data rate					Consistent with SISO
	5745MHz (Ch149)	3.5	5.5	/	/	
	5785MHz (Ch157)	3.5	5.5	/	/	
5.8G-802.11ax-RU1992	Channel/data rate					Consistent with SISO
	5745MHz (Ch149)	3.5	5.5	/	/	
	5785MHz (Ch157)	3.5	5.5	/	/	

WiFi6E Tune up-(Normal Power)

	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
6G-802.11a	ch1-ch29	12	14	6	7.9	\
	ch33-ch113	12	14	6	8	
	ch117-ch181	12	14	6	8	
	ch185-ch233	12	14	6	8	
6G-802.11ax-HE40	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch3-ch27	12	14	6	7.9	9±2
	ch35-ch115	12	14	6	8	
	ch123-ch179	12	14	6	8	
ch187-ch227	12	14	6	8		
6G-802.11ax-HE80	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch7-ch23	14	16	6	7.9	9±2
	ch39-ch103	14	16	6	8	
	ch119-ch183	14	16	6	8	
ch199-ch215	14	16	6	8		
6G-802.11ax-HE160	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch15	13	15	6	7.9	9±2
	ch47-ch111	13	15	6	8	
	ch143-ch175	13	15	6	8	
ch207	13	15	6	8		
6G-802.11ax-RU26	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	595MHz (Ch1)	1	3	1	3	4±2
	645MHz (Ch101)	1	3	1	3	
	715MHz (Ch233)	1	3	1	3	
Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO	
6G-802.11ax-RU52	595MHz (Ch1)	2.5	4.5	2.5	4.5	5.5±2
	645MHz (Ch101)	2.5	4.5	2.5	4.5	
	715MHz (Ch233)	2.5	4.5	2.5	4.5	
	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	
6G-802.11ax-RU106	595MHz (Ch1)	5.5	7.5	5.5	7.5	8.5±2
	645MHz (Ch101)	5.5	7.5	5.5	7.5	
	715MHz (Ch233)	5.5	7.5	5.5	7.5	
	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	
6G-802.11ax-RU242	ch1-ch29	14	16	6	7.9	9±2
	ch33-ch113	14	16	6	8	
	ch117-ch233	14	16	6	8	
	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	
6G-802.11ax-RU484	ch1-ch29	15	17	6	7.9	9±2
	ch33-ch113	15	17	6	8	
	ch117-ch233	15	17	6	8	
	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	
6G-802.11ax-RU996	ch1-ch29	14	16	6	7.9	9±2
	ch33-ch113	14	16	6	8	
	ch117-ch233	14	16	6	8	
	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	
6G-802.11ax-HE20	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch1-ch29	9	11	6	7.9	9±2
	ch33-ch113	9	11	6	8	
	ch117-ch181	9	11	6	8	
ch185-ch233	9	11	6	8		

WiFi6E Tune up-(Head Standalone)

	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO	
6G-802.11a	ch1(5955 MHz)-ch29 (6095MHz)	7	9	2	4	Consistent with SISO	
	ch33(6115 MHz)-ch61 (6255MHz)	4	6	6	8		
	ch65(6275 MHz)-ch93 (6415MHz)	7	9	6	8		
	ch97 (6435MHz) -ch113 (6515MHz)	7	9	6	8		
	ch117 (6535MHz) -ch181 (6855MHz)	7	9	6	8		
	ch185 (6875MHz) -ch233 (7115MHz)	7	9	6	8		
6G-802.11ax-HE40	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO	
	ch3-ch27	7	9	2	4	15+2	
	ch35-ch59	4	6	6	8		
	ch67-ch91	7	9	6	8		
	ch99-ch115	7	9	6	8		
	ch123-ch179	7	9	6	8		
	ch187-ch227	7	9	6	8		
	6G-802.11ax-HE80	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9		tune up-C1
ch7-ch23		7	9	2	4		Consistent with SISO
ch39-ch55		4	6	6	8		
ch71-ch87		7	9	6	8		
ch103		7	9	6	8		
ch119-ch183		7	9	6	8		
ch199-ch215		7	9	6	8		
6G-802.11ax-HE160	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO	
	ch15	7	9	2	4	Consistent with SISO	
	ch47	4	6	6	8		
	ch79	7	9	6	8		
	ch111	7	9	6	8		
	ch143-ch175	7	9	6	8		
	ch207	7	9	6	8		
6G-802.11ax-RU26	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1		tuneup-MIMO
	ch1(5955 MHz)-ch29 (6095MHz)	/	/	2	4	Consistent with SISO	
	ch33(6115 MHz)-ch61 (6255MHz)	/	/	/	/		
	ch65(6275 MHz)-ch93 (6415MHz)	/	/	/	/		
	6455MHz (Ch101)	/	/	/	/		
	7115MHz (Ch233)	/	/	/	/		
6G-802.11ax-RU52	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1		tuneup-MIMO
	ch1(5955 MHz)-ch29 (6095MHz)	/	/	2	4	Consistent with SISO	
	ch33(6115 MHz)-ch61 (6255MHz)	/	/	/	/		
	ch65(6275 MHz)-ch93 (6415MHz)	/	/	/	/		
	6455MHz (Ch101)	/	/	/	/		
	7115MHz (Ch233)	/	/	/	/		
6G-802.11ax-RU106	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1		tuneup-MIMO
	ch1(5955 MHz)-ch29 (6095MHz)	/	/	2	4	Consistent with SISO	
	ch33(6115 MHz)-ch61 (6255MHz)	4	6	/	/		
	ch65(6275 MHz)-ch93 (6415MHz)	/	/	/	/		
	6455MHz (Ch101)	/	/	/	/		
	7115MHz (Ch233)	/	/	/	/		
6G-802.11ax-RU242	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1		tuneup-MIMO
	ch1(5955 MHz)-ch29 (6095MHz)	7	9	2	4	Consistent with SISO	
	ch33(6115 MHz)-ch61 (6255MHz)	4	6	6	8		
	ch65(6275 MHz)-ch93 (6415MHz)	7	9	6	8		
	6455MHz (Ch101)	7	9	6	8		
	7115MHz (Ch233)	7	9	6	8		
6G-802.11ax-RU484	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1		tuneup-MIMO
	ch1(5955 MHz)-ch29 (6095MHz)	7	9	2	4	Consistent with SISO	
	ch33(6115 MHz)-ch61 (6255MHz)	4	6	6	8		
	ch65(6275 MHz)-ch93 (6415MHz)	7	9	6	8		
	6455MHz (Ch101)	7	9	6	8		
	7115MHz (Ch233)	7	9	6	8		
6G-802.11ax-RU996	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1		tuneup-MIMO
	ch1(5955 MHz)-ch29 (6095MHz)	7	9	2	4	Consistent with SISO	
	ch33(6115 MHz)-ch61 (6255MHz)	4	6	6	8		
	ch65(6275 MHz)-ch93 (6415MHz)	7	9	6	8		
	6455MHz (Ch101)	7	9	6	8		
	7115MHz (Ch233)	7	9	6	8		
6G-802.11ax-HE20	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1		tuneup-MIMO
	ch1(5955 MHz)-ch29 (6095MHz)	7	9	2	4	Consistent with SISO	
	ch33(6115 MHz)-ch61 (6255MHz)	4	6	6	8		
	ch65(6275 MHz)-ch93 (6415MHz)	7	9	6	8		
	ch97 (6435MHz) -ch113 (6515MHz)	7	9	6	8		
	ch117 (6535MHz) -ch181 (6855MHz)	7	9	6	8		
ch185 (6875MHz) -ch233 (7115MHz)	7	9	6	8			

Note: / means no power reduction

WiFi6E Tune up-(Head Simultaneous)

	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
6G-802.11a	ch1(5955 MHz)-ch29 (6095MHz)	7	9	0	2	Consistent with SISO
	ch33(6115 MHz)-ch61 (6255MHz)	4	6	6	8	
	ch65(6275 MHz)-ch93 (6415MHz)	7	9	6	8	
	ch97 (6435MHz) -ch113 (6515MHz)	7	9	6	8	
	ch117 (6535MHz) -ch181 (6855MHz)	7	9	6	8	
	ch185 (6875MHz) -ch233 (7115MHz)	7	9	6	8	
6G-802.11ax-HE40	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch3-ch27	7	9	0	2	Consistent with SISO
	ch35-ch59	4	6	6	8	
	ch67-ch91	7	9	6	8	
	ch99-ch115	7	9	6	8	
	ch123-ch179	7	9	6	8	
ch187-ch227	7	9	6	8		
6G-802.11ax-HE80	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch7-ch23	7	9	0	2	Consistent with SISO
	ch39-ch55	4	6	6	8	
	ch71-ch87	7	9	6	8	
	ch103	7	9	6	8	
	ch119-ch183	7	9	6	8	
ch199-ch215	7	9	6	8		
6G-802.11ax-HE160	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch15	7	9	0	2	Consistent with SISO
	ch47	4	6	6	8	
	ch79	7	9	6	8	
	ch111	7	9	6	8	
	ch143-ch175	7	9	6	8	
ch207	7	9	6	8		
6G-802.11ax-RU26	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch1(5955 MHz)-ch29 (6095MHz)	/	/	0	2	Consistent with SISO
	ch33(6115 MHz)-ch61 (6255MHz)	/	/	/	/	
	ch65(6275 MHz)-ch93 (6415MHz)	/	/	/	/	
	6455MHz (Ch101)	/	/	/	/	
	7115MHz (Ch233)	/	/	/	/	
	/	/	/	/		
6G-802.11ax-RU52	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch1(5955 MHz)-ch29 (6095MHz)	/	/	0	2	Consistent with SISO
	ch33(6115 MHz)-ch61 (6255MHz)	/	/	/	/	
	ch65(6275 MHz)-ch93 (6415MHz)	/	/	/	/	
	6455MHz (Ch101)	/	/	/	/	
	7115MHz (Ch233)	/	/	/	/	
	/	/	/	/		
6G-802.11ax-RU106	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch1(5955 MHz)-ch29 (6095MHz)	/	/	0	2	Consistent with SISO
	ch33(6115 MHz)-ch61 (6255MHz)	4	6	6	8	
	ch65(6275 MHz)-ch93 (6415MHz)	/	/	6	8	
	6455MHz (Ch101)	/	/	6	8	
	7115MHz (Ch233)	/	/	6	8	
	/	/	6	8		
6G-802.11ax-RU242	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch1(5955 MHz)-ch29 (6095MHz)	7	9	0	2	Consistent with SISO
	ch33(6115 MHz)-ch61 (6255MHz)	4	6	6	8	
	ch65(6275 MHz)-ch93 (6415MHz)	7	9	6	8	
	6455MHz (Ch101)	7	9	6	8	
	7115MHz (Ch233)	7	9	6	8	
	7	9	6	8		
6G-802.11ax-RU484	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch1(5955 MHz)-ch29 (6095MHz)	7	9	0	2	Consistent with SISO
	ch33(6115 MHz)-ch61 (6255MHz)	4	6	6	8	
	ch65(6275 MHz)-ch93 (6415MHz)	7	9	6	8	
	6455MHz (Ch101)	7	9	6	8	
	7115MHz (Ch233)	7	9	6	8	
	7	9	6	8		
6G-802.11ax-RU996	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch1(5955 MHz)-ch29 (6095MHz)	7	9	0	2	Consistent with SISO
	ch33(6115 MHz)-ch61 (6255MHz)	4	6	6	8	
	ch65(6275 MHz)-ch93 (6415MHz)	7	9	6	8	
	6455MHz (Ch101)	7	9	6	8	
	7115MHz (Ch233)	7	9	6	8	
	7	9	6	8		
6G-802.11ax-HE20	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch1(5955 MHz)-ch29 (6095MHz)	7	9	0	2	Consistent with SISO
	ch33(6115 MHz)-ch61 (6255MHz)	4	6	6	8	
	ch65(6275 MHz)-ch93 (6415MHz)	7	9	6	8	
	ch97 (6435MHz) -ch113 (6515MHz)	7	9	6	8	
	ch117 (6535MHz) -ch181 (6855MHz)	7	9	6	8	
ch185 (6875MHz) -ch233 (7115MHz)	7	9	6	8		

Note: / means no power reduction

WiFi6E Tune up-(Body standalone/Body Simultaneous)

	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
6G-802.11a	ch1(5955 MHz)-ch93 (6415MHz)	2	4.8	/	/	\
	ch97 (6435MHz) -ch113 (6515MHz)	2	4.8	/	/	
	ch117 (6535MHz) -ch181 (6855MHz)	2	4.8	/	/	
	ch185 (6875MHz) -ch233 (7115MHz)	2	4.8	/	/	
6G-802.11ax-HE40	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch3-ch91	2	4.8	/	/	Consistent with SISO
	ch99-ch115	2	4.8	/	/	
	ch123-ch179	2	4.8	/	/	
ch187-ch227	2	4.8	/	/		
6G-802.11ax-HE80	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch7-ch87	2	4.8	/	/	Consistent with SISO
	ch103	2	4.8	/	/	
	ch119-ch183	2	4.8	/	/	
ch199-ch215	2	4.8	/	/		
6G-802.11ax-HE160	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch15-ch79	2	4.8	/	/	Consistent with SISO
	ch111	2	4.8	/	/	
	ch143-ch175	2	4.8	/	/	
ch207	2	4.8	/	/		
6G-802.11ax-RU26	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	5955MHz (Ch1)	/	/	/	/	Consistent with SISO
	6455MHz (Ch101)	/	/	/	/	
	7115MHz (Ch233)	/	/	/	/	
Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO	
6G-802.11ax-RU52	5955MHz (Ch1)	2	4.4	/	/	Consistent with SISO
	6455MHz (Ch101)	2	4.4	/	/	
	7115MHz (Ch233)	2	4.4	/	/	
	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	
6G-802.11ax-RU106	5955MHz (Ch1)	2	4.8	/	/	Consistent with SISO
	6455MHz (Ch101)	2	4.8	/	/	
	7115MHz (Ch233)	2	4.8	/	/	
	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	
6G-802.11ax-RU242	5955MHz (Ch1)	2	4.8	/	/	Consistent with SISO
	6455MHz (Ch101)	2	4.8	/	/	
	7115MHz (Ch233)	2	4.8	/	/	
	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	
6G-802.11ax-RU484	5955MHz (Ch1)	2	4.8	/	/	Consistent with SISO
	6455MHz (Ch101)	2	4.8	/	/	
	7115MHz (Ch233)	2	4.8	/	/	
	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	
6G-802.11ax-RU996	5955MHz (Ch1)	2	4.8	/	/	Consistent with SISO
	6455MHz (Ch101)	2	4.8	/	/	
	7115MHz (Ch233)	2	4.8	/	/	
	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	
6G-802.11ax-HE20	Channel\data rate	ANT6-2.4G /ANT7-5/6G	tune up-C0	tuneup-ANT9	tune up-C1	tuneup-MIMO
	ch1(5955 MHz)-ch93 (6415MHz)	2	4.8	/	/	Consistent with SISO
	ch97 (6435MHz) -ch113 (6515MHz)	2	4.8	/	/	
	ch117 (6535MHz) -ch181 (6855MHz)	2	4.8	/	/	
ch185 (6875MHz) -ch233 (7115MHz)	2	4.8	/	/		

Note: / means no power reduction

The maximum output power for WiFi 2.4G ANT6 – (Normal Power/Body standalone)

802.11b	Channel\data rate	1Mbps	Tune up
WLAN2450	11(2462MHz)	18.06	20
	6(2437(MHz)	18.56	20
	1(2412MHz)	18.01	20
802.11g	Channel\data rate	6Mbps	
WLAN2450	11(2462MHz)	16.85	19
	6(2437(MHz)	17.53	19
	2(2417(MHz)	17.12	19
	1(2412MHz)	15.53	17.5
802.11n-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	17.76	18.5
	6(2437(MHz)	16.74	18.5
	1(2412MHz)	14.05	16.5
802.11n-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	12.56	14
	6(2437MHz)	14.33	15.5
	3(2422MHz)	13.77	15
802.11ax-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	16.77	18.5
	6(2437(MHz)	17.37	18.5
	1(2412MHz)	14.53	16.5
802.11ax-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	12.73	14
	6(2437MHz)	14.05	15.5
	3(2422MHz)	13.33	15

The maximum output power for WiFi 2.4G ANT6 – (Head Standalone/Body simultaneous)

802.11b	Channel\data rate	1Mbps	Tune up
WLAN2450	11(2462MHz)	15.81	17.5
	6(2437(MHz)	15.99	17.5
	1(2412MHz)	15.84	17.5
802.11g	Channel\data rate	6Mbps	
WLAN2450	11(2462MHz)	15.77	17.5
	6(2437(MHz)	15.96	17.5
	1(2412MHz)	15.75	17.5
802.11n-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	15.51	17.5
	6(2437(MHz)	15.54	17.5
	1(2412MHz)	14.05	16.5
802.11n-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	12.56	14
	6(2437MHz)	14.33	15.5
	3(2422MHz)	13.77	15
802.11ax-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	15.59	17.5
	6(2437(MHz)	15.75	17.5
	1(2412MHz)	14.53	16.5
802.11ax-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	12.73	14
	6(2437MHz)	14.05	15.5
	3(2422MHz)	13.33	15

The maximum output power for WiFi 2.4G ANT6 – (Head simultaneous)

802.11b	Channel\data rate	1Mbps	Tune up
WLAN2450	11(2462MHz)	12.55	14
	6(2437(MHz)	12.56	14
	1(2412MHz)	12.22	14
802.11g	Channel\data rate	6Mbps	
WLAN2450	11(2462MHz)	12.45	14
	6(2437(MHz)	12.39	14
	1(2412MHz)	12.88	14
802.11n-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	12.06	14
	6(2437(MHz)	12.01	14
	1(2412MHz)	12.49	14
802.11n-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	13.09	14
	6(2437MHz)	12.96	14
	3(2422MHz)	12.85	14
802.11ax-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	12.29	14
	6(2437(MHz)	12.26	14
	1(2412MHz)	12.74	14
802.11ax-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	12.73	14
	6(2437MHz)	12.63	14
	3(2422MHz)	12.56	14

The maximum output power for WiFi 2.4G ANT9 – (Normal Power/Body standalone/Body simultaneous)

802.11b	Channel\data rate	1Mbps	Tune up
WLAN2450	11(2462MHz)	16.60	18
	6(2437(MHz)	16.70	18
	1(2412MHz)	16.40	18
802.11g	Channel\data rate	6Mbps	
WLAN2450	11(2462MHz)	16.80	18
	6(2437(MHz)	16.80	18
	1(2412MHz)	16.20	17.5
802.11n-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	16.40	18
	6(2437(MHz)	16.80	18
	3(2422(MHz)	16.40	18
	2(2417(MHz)	15.80	17.5
	1(2412MHz)	13.80	16.5
802.11n-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	12.20	14
	6(2437MHz)	14.90	16
	3(2422MHz)	13.70	15
802.11ax-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	16.60	18
	6(2437(MHz)	16.80	18
	3(2422(MHz)	16.60	18
	2(2417(MHz)	16.10	17.5
	1(2412MHz)	14.90	16.5
802.11ax-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	12.30	14
	6(2437MHz)	14.60	16
	3(2422MHz)	13.80	15

The maximum output power for WiFi 2.4G ANT9 – (Head standalone)

802.11b	Channel\data rate	1Mbps	Tune up
WLAN2450	11(2462MHz)	15.32	17
	6(2437(MHz)	15.59	17
	1(2412MHz)	15.29	17
802.11g	Channel\data rate	6Mbps	
WLAN2450	11(2462MHz)	15.46	17
	6(2437(MHz)	15.74	17
	1(2412MHz)	15.41	17
802.11n-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	15.07	17
	6(2437(MHz)	15.37	17
	1(2412MHz)	13.80	16.5
802.11n-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	12.20	14
	6(2437MHz)	14.90	16
	3(2422MHz)	13.70	15
802.11ax-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	15.31	17
	6(2437(MHz)	15.62	17
	1(2412MHz)	14.90	16.5
802.11ax-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	12.30	14
	6(2437MHz)	14.60	16
	3(2422MHz)	13.80	15

The maximum output power for WiFi 2.4G ANT9 – (Head Simultaneous)

802.11b	Channel\data rate	1Mbps	Tune up
WLAN2450	11(2462MHz)	12.51	14
	6(2437(MHz)	12.58	14
	1(2412MHz)	12.47	14
802.11g	Channel\data rate	6Mbps	
WLAN2450	11(2462MHz)	12.45	14
	6(2437(MHz)	12.72	14
	1(2412MHz)	12.42	14
802.11n-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	12.07	14
	6(2437(MHz)	12.35	14
	1(2412MHz)	12.10	14
802.11n-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	12.50	14
	6(2437MHz)	12.68	14
	3(2422MHz)	12.35	14
802.11ax-20MHz	Channel\data rate	MCS0	
WLAN2450	11(2462MHz)	12.29	14
	6(2437(MHz)	12.60	14
	1(2412MHz)	12.34	14
802.11ax-40MHz	Channel\data rate	MCS0	
WLAN2450	9(2452MHz)	12.01	14
	6(2437MHz)	12.59	14
	3(2422MHz)	12.37	14

The maximum output power for WiFi 5G ANT7 –(Normal Power)

802.11a(dBm)			802.11n(dBm)-20MHz		
Channel\data rate	20.31	Tune up	Channel\data rate	MCS0	Tune up
36(5180 MHz)	19.49	20	36(5180 MHz)	18.60	19.5
40(5200 MHz)	19.60	20	40(5200 MHz)	18.69	19.5
44(5220 MHz)	19.73	20	44(5220 MHz)	18.79	19.5
48(5240 MHz)	19.88	20	48(5240 MHz)	18.93	19.5
52(5260 MHz)	19.80	20	52(5260 MHz)	18.88	19.5
56(5280 MHz)	19.72	20	56(5280 MHz)	18.84	19.5
60(5300 MHz)	19.67	20	60(5300 MHz)	18.77	19.5
64(5320 MHz)	19.62	20	64(5320 MHz)	18.75	19.5
100(5500 MHz)	19.80	20	100(5500 MHz)	18.94	19.5
104(5520 MHz)	19.81	20	104(5520 MHz)	18.96	19.5
108(5540 MHz)	19.79	20	108(5540 MHz)	18.89	19.5
112(5560 MHz)	19.78	20	112(5560 MHz)	18.92	19.5
116(5580 MHz)	19.83	20	116(5580 MHz)	18.90	19.5
120(5600 MHz)	19.98	20	120(5600 MHz)	19.39	19.5
124(5620 MHz)	19.92	20	124(5620 MHz)	19.38	19.5
128(5640 MHz)	19.92	20	128(5640 MHz)	19.35	19.5
132(5660 MHz)	19.93	20	132(5660 MHz)	19.33	19.5
136(5680 MHz)	19.75	20	136(5680 MHz)	19.22	19.5
140(5700 MHz)	19.78	20	140(5700 MHz)	19.24	19.5
144(5720 MHz)	19.77	20	144(5720 MHz)	19.27	19.5
149(5745 MHz)	19.83	20	149(5745 MHz)	19.33	19.5
153(5765 MHz)	19.84	20	153(5765 MHz)	19.27	19.5
157(5785 MHz)	19.96	20	157(5785 MHz)	19.13	19.5
161(5805 MHz)	19.93	20	161(5805 MHz)	19.02	19.5
165(5825 MHz)	19.86	20	165(5825 MHz)	19.00	19.5

802.11n(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	17.50	18
46(5230 MHz)	18.45	18.5
54(5270 MHz)	18.44	18.5
62(5310 MHz)	18.16	18.5
102(5510 MHz)	18.41	18.5
110(5550 MHz)	18.40	18.5
118(5590 MHz)	18.31	18.5
126(5630 MHz)	18.41	18.5
134(5670 MHz)	18.31	18.5
142(5710 MHz)	18.43	18.5
151(5755 MHz)	18.45	18.5
159(5795 MHz)	18.22	18.5

802.11ac(dBm)-20MHz		
Channel\data rate	MCS0	Tune up
36(5180 MHz)	18.56	19.5
40(5200 MHz)	18.66	19.5
44(5220 MHz)	18.78	19.5
48(5240 MHz)	18.88	19.5
52(5260 MHz)	18.91	19.5
56(5280 MHz)	18.87	19.5
60(5300 MHz)	18.70	19.5
64(5320 MHz)	18.71	19.5
100(5500 MHz)	18.91	19.5
104(5520 MHz)	18.97	19.5
108(5540 MHz)	18.94	19.5
112(5560 MHz)	18.90	19.5
116(5580 MHz)	18.85	19.5
120(5600 MHz)	19.39	19.5
124(5620 MHz)	19.33	19.5
128(5640 MHz)	19.33	19.5
132(5660 MHz)	19.31	19.5
136(5680 MHz)	19.17	19.5
140(5700 MHz)	19.22	19.5
144(5720 MHz)	19.27	19.5
149(5745 MHz)	19.27	19.5
153(5765 MHz)	19.25	19.5
157(5785 MHz)	19.06	19.5
161(5805 MHz)	19.00	19.5
165(5825 MHz)	18.98	19.5

802.11ac(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	17.48	18
46(5230 MHz)	18.22	18.5
54(5270 MHz)	18.43	18.5
62(5310 MHz)	18.13	18.5
102(5510 MHz)	18.40	18.5
110(5550 MHz)	18.38	18.5
118(5590 MHz)	18.32	18.5
126(5630 MHz)	18.41	18.5
134(5670 MHz)	18.34	18.5
142(5710 MHz)	18.43	18.5
151(5755 MHz)	18.38	18.5
159(5795 MHz)	18.20	18.5

802.11ac(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	16.29	16.5
58(5290 MHz)	16.24	16.5
106(5530 MHz)	16.36	16.5
122(5610 MHz)	17.90	18
138(5690 MHz)	17.88	18
155(5775 MHz)	17.77	18



802.11ax(dBm)-20MHz		
Channel\data rate	MCS0	Tune up
36(5180 MHz)	18.66	19.5
40(5200 MHz)	18.75	19.5
44(5220 MHz)	18.82	19.5
48(5240 MHz)	18.90	19.5
52(5260 MHz)	18.92	19.5
56(5280 MHz)	18.84	19.5
60(5300 MHz)	18.82	19.5
64(5320 MHz)	18.81	19.5
100(5500 MHz)	18.93	19.5
104(5520 MHz)	18.91	19.5
108(5540 MHz)	18.90	19.5
112(5560 MHz)	18.91	19.5
116(5580 MHz)	18.86	19.5
120(5600 MHz)	19.36	19.5
124(5620 MHz)	19.39	19.5
128(5640 MHz)	19.32	19.5
132(5660 MHz)	19.34	19.5
136(5680 MHz)	19.19	19.5
140(5700 MHz)	19.24	19.5
144(5720 MHz)	19.24	19.5
149(5745 MHz)	19.33	19.5
153(5765 MHz)	19.31	19.5
157(5785 MHz)	19.12	19.5
161(5805 MHz)	19.04	19.5
165(5825 MHz)	19.00	19.5

802.11ax(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	17.03	18
46(5230 MHz)	17.74	18.5
54(5270 MHz)	17.78	18.5
62(5310 MHz)	17.55	18.5
102(5510 MHz)	17.72	18.5
110(5550 MHz)	17.77	18.5
118(5590 MHz)	17.68	18.5
126(5630 MHz)	18.14	18.5
134(5670 MHz)	18.08	18.5
142(5710 MHz)	18.11	18.5
151(5755 MHz)	18.12	18.5
159(5795 MHz)	17.94	18.5

802.11ax(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	16.05	16.5
58(5290 MHz)	16.11	16.5
106(5530 MHz)	16.18	16.5
122(5610 MHz)	17.98	18
138(5690 MHz)	17.95	18
155(5775 MHz)	17.88	18

802.11ax(dBm)-160MHz		
Channel\data rate	MCS0	Tune up
50(5250 MHz)	14.15	14.5
114(5570 MHz)	14.26	14.5

The maximum output power for WiFi 5G ANT7 – (Head Standalone)

802.11a(dBm)			802.11n(dBm)-20MHz		
Channel\data rate	6Mbps	Tune up	Channel\data rate	MCS0	Tune up
36(5180 MHz)	8.12	8.5	36(5180 MHz)	7.85	8.5
40(5200 MHz)	8.26	8.5	40(5200 MHz)	7.89	8.5
44(5220 MHz)	8.28	8.5	44(5220 MHz)	8.06	8.5
48(5240 MHz)	8.37	8.5	48(5240 MHz)	7.90	8.5
52(5260 MHz)	8.26	8.5	52(5260 MHz)	7.96	8.5
56(5280 MHz)	8.26	8.5	56(5280 MHz)	7.87	8.5
60(5300 MHz)	8.26	8.5	60(5300 MHz)	7.97	8.5
64(5320 MHz)	8.20	8.5	64(5320 MHz)	7.80	8.5
100(5500 MHz)	8.32	8.5	100(5500 MHz)	7.87	8.5
104(5520 MHz)	8.24	8.5	104(5520 MHz)	7.99	8.5
108(5540 MHz)	8.38	8.5	108(5540 MHz)	8.00	8.5
112(5560 MHz)	8.36	8.5	112(5560 MHz)	7.91	8.5
116(5580 MHz)	8.13	8.5	116(5580 MHz)	7.78	8.5
120(5600 MHz)	8.13	8.5	120(5600 MHz)	7.71	8.5
124(5620 MHz)	8.08	8.5	124(5620 MHz)	7.69	8.5
128(5640 MHz)	8.02	8.5	128(5640 MHz)	7.66	8.5
132(5660 MHz)	7.97	8.5	132(5660 MHz)	7.65	8.5
136(5680 MHz)	8.30	8.5	136(5680 MHz)	7.90	8.5
140(5700 MHz)	8.33	8.5	140(5700 MHz)	7.97	8.5
144(5720 MHz)	8.32	8.5	144(5720 MHz)	7.99	8.5
149(5745 MHz)	8.31	8.5	149(5745 MHz)	7.98	8.5
153(5765 MHz)	8.30	8.5	153(5765 MHz)	7.89	8.5
157(5785 MHz)	8.16	8.5	157(5785 MHz)	7.68	8.5
161(5805 MHz)	8.06	8.5	161(5805 MHz)	7.72	8.5
165(5825 MHz)	8.23	8.5	165(5825 MHz)	7.86	8.5

802.11ac(dBm)-20MHz			802.11ax(dBm)-20MHz		
Channel\data rate	MCS0	Tune up	Channel\data rate	MCS0	Tune up
36(5180 MHz)	7.86	8.5	36(5180 MHz)	8.05	8.5
40(5200 MHz)	7.99	8.5	40(5200 MHz)	8.07	8.5
44(5220 MHz)	7.98	8.5	44(5220 MHz)	8.12	8.5
48(5240 MHz)	8.09	8.5	48(5240 MHz)	8.13	8.5
52(5260 MHz)	7.93	8.5	52(5260 MHz)	8.16	8.5
56(5280 MHz)	7.89	8.5	56(5280 MHz)	8.10	8.5
60(5300 MHz)	7.96	8.5	60(5300 MHz)	8.12	8.5
64(5320 MHz)	7.70	8.5	64(5320 MHz)	7.96	8.5
100(5500 MHz)	7.95	8.5	100(5500 MHz)	8.12	8.5
104(5520 MHz)	7.95	8.5	104(5520 MHz)	8.20	8.5
108(5540 MHz)	7.90	8.5	108(5540 MHz)	8.18	8.5
112(5560 MHz)	7.88	8.5	112(5560 MHz)	8.13	8.5
116(5580 MHz)	7.85	8.5	116(5580 MHz)	8.02	8.5
120(5600 MHz)	7.80	8.5	120(5600 MHz)	7.98	8.5
124(5620 MHz)	7.77	8.5	124(5620 MHz)	7.90	8.5
128(5640 MHz)	7.72	8.5	128(5640 MHz)	7.80	8.5
132(5660 MHz)	7.67	8.5	132(5660 MHz)	7.80	8.5
136(5680 MHz)	7.91	8.5	136(5680 MHz)	8.21	8.5
140(5700 MHz)	8.00	8.5	140(5700 MHz)	8.24	8.5
144(5720 MHz)	7.96	8.5	144(5720 MHz)	8.17	8.5
149(5745 MHz)	7.92	8.5	149(5745 MHz)	8.15	8.5
153(5765 MHz)	7.94	8.5	153(5765 MHz)	8.21	8.5
157(5785 MHz)	7.74	8.5	157(5785 MHz)	7.95	8.5
161(5805 MHz)	7.68	8.5	161(5805 MHz)	8.02	8.5
165(5825 MHz)	7.87	8.5	165(5825 MHz)	8.06	8.5

802.11n(dBm)-40MHz			802.11ac(dBm)-40MHz		
Channel\data rate	MCS0	Tune up	Channel\data rate	MCS0	Tune up
38(5190 MHz)	8.33	8.5	38(5190 MHz)	8.43	8.5
46(5230 MHz)	8.19	8.5	46(5230 MHz)	8.19	8.5
54(5270 MHz)	8.32	8.5	54(5270 MHz)	8.34	8.5
62(5310 MHz)	7.87	8.5	62(5310 MHz)	8.01	8.5
102(5510 MHz)	8.21	8.5	102(5510 MHz)	8.07	8.5
110(5550 MHz)	8.23	8.5	110(5550 MHz)	8.30	8.5
118(5590 MHz)	8.03	8.5	118(5590 MHz)	7.93	8.5
126(5630 MHz)	7.89	8.5	126(5630 MHz)	7.88	8.5
134(5670 MHz)	8.19	8.5	134(5670 MHz)	8.21	8.5
142(5710 MHz)	8.46	8.5	142(5710 MHz)	8.43	8.5
151(5755 MHz)	8.24	8.5	151(5755 MHz)	8.30	8.5
159(5795 MHz)	8.08	8.5	159(5795 MHz)	8.01	8.5

802.11ax(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	7.99	8.5
46(5230 MHz)	7.83	8.5
54(5270 MHz)	7.89	8.5
62(5310 MHz)	7.59	8.5
102(5510 MHz)	7.64	8.5
110(5550 MHz)	7.83	8.5
118(5590 MHz)	7.54	8.5
126(5630 MHz)	7.52	8.5
134(5670 MHz)	7.86	8.5
142(5710 MHz)	8.08	8.5
151(5755 MHz)	7.91	8.5
159(5795 MHz)	7.63	8.5

802.11ac(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	8.29	8.5
58(5290 MHz)	8.40	8.5
106(5530 MHz)	8.46	8.5
122(5610 MHz)	8.19	8.5
138(5690 MHz)	8.50	8.5
155(5775 MHz)	8.26	8.5

802.11ax(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	8.15	8.5
58(5290 MHz)	8.20	8.5
106(5530 MHz)	8.24	8.5
122(5610 MHz)	8.03	8.5
138(5690 MHz)	8.41	8.5
155(5775 MHz)	7.97	8.5

802.11ax(dBm)-160MHz		
Channel\data rate	MCS0	Tune up
50(5250 MHz)	8.29	8.5
114(5570 MHz)	8.47	8.5

The maximum output power for WiFi 5G ANT7 – (Head Simultaneous/Body Simultaneous)

802.11a(dBm)			802.11n(dBm)-20MHz		
Channel\data rate	6Mbps	Tune up	Channel\data rate	MCS0	Tune up
36(5180 MHz)	4.36	5.5	36(5180 MHz)	4.03	5.5
40(5200 MHz)	4.52	5.5	40(5200 MHz)	4.17	5.5
44(5220 MHz)	4.60	5.5	44(5220 MHz)	4.31	5.5
48(5240 MHz)	4.74	5.5	48(5240 MHz)	4.41	5.5
52(5260 MHz)	4.44	5.5	52(5260 MHz)	4.23	5.5
56(5280 MHz)	4.39	5.5	56(5280 MHz)	4.15	5.5
60(5300 MHz)	4.52	5.5	60(5300 MHz)	4.11	5.5
64(5320 MHz)	4.35	5.5	64(5320 MHz)	4.01	5.5
100(5500 MHz)	4.65	5.5	100(5500 MHz)	4.25	5.5
104(5520 MHz)	4.65	5.5	104(5520 MHz)	4.33	5.5
108(5540 MHz)	4.50	5.5	108(5540 MHz)	4.19	5.5
112(5560 MHz)	4.53	5.5	112(5560 MHz)	4.18	5.5
116(5580 MHz)	4.51	5.5	116(5580 MHz)	4.24	5.5
120(5600 MHz)	4.47	5.5	120(5600 MHz)	4.08	5.5
124(5620 MHz)	4.48	5.5	124(5620 MHz)	4.09	5.5
128(5640 MHz)	4.47	5.5	128(5640 MHz)	4.04	5.5
132(5660 MHz)	4.34	5.5	132(5660 MHz)	4.11	5.5
136(5680 MHz)	4.54	5.5	136(5680 MHz)	4.00	5.5
140(5700 MHz)	4.63	5.5	140(5700 MHz)	4.21	5.5
144(5720 MHz)	4.66	5.5	144(5720 MHz)	4.28	5.5
149(5745 MHz)	4.63	5.5	149(5745 MHz)	4.32	5.5
153(5765 MHz)	4.58	5.5	153(5765 MHz)	4.28	5.5
157(5785 MHz)	4.25	5.5	157(5785 MHz)	3.93	5.5
161(5805 MHz)	4.32	5.5	161(5805 MHz)	4.00	5.5
165(5825 MHz)	4.48	5.5	165(5825 MHz)	4.10	5.5

802.11ac(dBm)-20MHz			802.11ax(dBm)-20MHz		
Channel\data rate	MCS0	Tune up	Channel\data rate	MCS0	Tune up
36(5180 MHz)	4.01	5.5	36(5180 MHz)	4.01	5.5
40(5200 MHz)	4.12	5.5	40(5200 MHz)	4.07	5.5
44(5220 MHz)	4.23	5.5	44(5220 MHz)	4.17	5.5
48(5240 MHz)	4.38	5.5	48(5240 MHz)	4.31	5.5
52(5260 MHz)	4.20	5.5	52(5260 MHz)	4.13	5.5
56(5280 MHz)	4.12	5.5	56(5280 MHz)	4.05	5.5
60(5300 MHz)	4.09	5.5	60(5300 MHz)	4.04	5.5
64(5320 MHz)	3.88	5.5	64(5320 MHz)	3.88	5.5
100(5500 MHz)	4.31	5.5	100(5500 MHz)	4.28	5.5
104(5520 MHz)	4.30	5.5	104(5520 MHz)	4.27	5.5
108(5540 MHz)	4.23	5.5	108(5540 MHz)	4.13	5.5
112(5560 MHz)	4.27	5.5	112(5560 MHz)	4.10	5.5
116(5580 MHz)	4.13	5.5	116(5580 MHz)	4.11	5.5
120(5600 MHz)	4.12	5.5	120(5600 MHz)	4.07	5.5
124(5620 MHz)	4.15	5.5	124(5620 MHz)	4.02	5.5
128(5640 MHz)	4.18	5.5	128(5640 MHz)	4.03	5.5
132(5660 MHz)	4.15	5.5	132(5660 MHz)	4.00	5.5
136(5680 MHz)	4.21	5.5	136(5680 MHz)	4.11	5.5
140(5700 MHz)	4.31	5.5	140(5700 MHz)	4.22	5.5
144(5720 MHz)	4.32	5.5	144(5720 MHz)	4.22	5.5
149(5745 MHz)	4.24	5.5	149(5745 MHz)	4.19	5.5
153(5765 MHz)	4.27	5.5	153(5765 MHz)	4.21	5.5
157(5785 MHz)	4.01	5.5	157(5785 MHz)	3.99	5.5
161(5805 MHz)	4.02	5.5	161(5805 MHz)	3.91	5.5
165(5825 MHz)	4.20	5.5	165(5825 MHz)	4.15	5.5

802.11n(dBm)-40MHz			802.11ac(dBm)-40MHz		
Channel\data rate	MCS0	Tune up	Channel\data rate	MCS0	Tune up
38(5190 MHz)	4.46	5.5	38(5190 MHz)	4.51	5.5
46(5230 MHz)	4.72	5.5	46(5230 MHz)	4.60	5.5
54(5270 MHz)	4.58	5.5	54(5270 MHz)	4.56	5.5
62(5310 MHz)	4.17	5.5	62(5310 MHz)	4.36	5.5
102(5510 MHz)	4.51	5.5	102(5510 MHz)	4.63	5.5
110(5550 MHz)	4.46	5.5	110(5550 MHz)	4.58	5.5
118(5590 MHz)	4.24	5.5	118(5590 MHz)	4.43	5.5
126(5630 MHz)	4.32	5.5	126(5630 MHz)	4.25	5.5
134(5670 MHz)	4.53	5.5	134(5670 MHz)	4.51	5.5
142(5710 MHz)	4.67	5.5	142(5710 MHz)	4.63	5.5
151(5755 MHz)	4.62	5.5	151(5755 MHz)	4.59	5.5
159(5795 MHz)	4.37	5.5	159(5795 MHz)	4.44	5.5

802.11ax(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	3.82	5.5
46(5230 MHz)	3.95	5.5
54(5270 MHz)	3.91	5.5
62(5310 MHz)	3.62	5.5
102(5510 MHz)	3.82	5.5
110(5550 MHz)	3.90	5.5
118(5590 MHz)	3.74	5.5
126(5630 MHz)	3.66	5.5
134(5670 MHz)	3.84	5.5
142(5710 MHz)	3.88	5.5
151(5755 MHz)	3.86	5.5
159(5795 MHz)	3.71	5.5

802.11ac(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	5.03	5.5
58(5290 MHz)	4.86	5.5
106(5530 MHz)	4.98	5.5
122(5610 MHz)	4.88	5.5
138(5690 MHz)	5.05	5.5
155(5775 MHz)	4.63	5.5

802.11ax(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	4.88	5.5
58(5290 MHz)	4.67	5.5
106(5530 MHz)	4.76	5.5
122(5610 MHz)	4.71	5.5
138(5690 MHz)	4.88	5.5
155(5775 MHz)	4.57	5.5

802.11ax(dBm)-160MHz		
Channel\data rate	MCS0	Tune up
50(5250 MHz)	5.33	5.5
114(5570 MHz)	5.25	5.5

The maximum output power for WiFi 5G ANT7 – (Body standalone)

802.11a(dBm)			802.11n(dBm)-20MHz		
Channel\data rate	6Mbps	Tune up	Channel\data rate	MCS0	Tune up
36(5180 MHz)	9.14	9.5	36(5180 MHz)	8.87	9.5
40(5200 MHz)	9.25	9.5	40(5200 MHz)	8.92	9.5
44(5220 MHz)	9.27	9.5	44(5220 MHz)	9.01	9.5
48(5240 MHz)	9.33	9.5	48(5240 MHz)	8.92	9.5
52(5260 MHz)	9.31	9.5	52(5260 MHz)	8.93	9.5
56(5280 MHz)	9.27	9.5	56(5280 MHz)	8.90	9.5
60(5300 MHz)	9.30	9.5	60(5300 MHz)	8.96	9.5
64(5320 MHz)	9.16	9.5	64(5320 MHz)	8.80	9.5
100(5500 MHz)	9.28	9.5	100(5500 MHz)	8.91	9.5
104(5520 MHz)	9.27	9.5	104(5520 MHz)	9.00	9.5
108(5540 MHz)	9.33	9.5	108(5540 MHz)	9.00	9.5
112(5560 MHz)	9.34	9.5	112(5560 MHz)	8.95	9.5
116(5580 MHz)	9.14	9.5	116(5580 MHz)	8.73	9.5
120(5600 MHz)	9.11	9.5	120(5600 MHz)	8.72	9.5
124(5620 MHz)	9.05	9.5	124(5620 MHz)	8.69	9.5
128(5640 MHz)	9.04	9.5	128(5640 MHz)	8.71	9.5
132(5660 MHz)	9.01	9.5	132(5660 MHz)	8.67	9.5
136(5680 MHz)	9.26	9.5	136(5680 MHz)	8.94	9.5
140(5700 MHz)	9.35	9.5	140(5700 MHz)	8.93	9.5
144(5720 MHz)	9.34	9.5	144(5720 MHz)	9.00	9.5
149(5745 MHz)	9.29	9.5	149(5745 MHz)	8.95	9.5
153(5765 MHz)	9.26	9.5	153(5765 MHz)	8.93	9.5
157(5785 MHz)	9.12	9.5	157(5785 MHz)	8.73	9.5
161(5805 MHz)	9.10	9.5	161(5805 MHz)	8.70	9.5
165(5825 MHz)	9.20	9.5	165(5825 MHz)	8.88	9.5

802.11ac(dBm)-20MHz			802.11ax(dBm)-20MHz		
Channel\data rate	MCS0	Tune up	Channel\data rate	MCS0	Tune up
36(5180 MHz)	8.83	9.5	36(5180 MHz)	9.02	9.5
40(5200 MHz)	8.94	9.5	40(5200 MHz)	9.12	9.5
44(5220 MHz)	8.96	9.5	44(5220 MHz)	9.10	9.5
48(5240 MHz)	9.05	9.5	48(5240 MHz)	9.18	9.5
52(5260 MHz)	8.98	9.5	52(5260 MHz)	9.21	9.5
56(5280 MHz)	8.87	9.5	56(5280 MHz)	9.07	9.5
60(5300 MHz)	8.95	9.5	60(5300 MHz)	9.13	9.5
64(5320 MHz)	8.73	9.5	64(5320 MHz)	8.99	9.5
100(5500 MHz)	8.91	9.5	100(5500 MHz)	9.14	9.5
104(5520 MHz)	8.93	9.5	104(5520 MHz)	9.20	9.5
108(5540 MHz)	8.95	9.5	108(5540 MHz)	9.17	9.5
112(5560 MHz)	8.92	9.5	112(5560 MHz)	9.16	9.5
116(5580 MHz)	8.80	9.5	116(5580 MHz)	8.98	9.5
120(5600 MHz)	8.77	9.5	120(5600 MHz)	8.96	9.5
124(5620 MHz)	8.73	9.5	124(5620 MHz)	8.92	9.5
128(5640 MHz)	8.68	9.5	128(5640 MHz)	8.85	9.5
132(5660 MHz)	8.63	9.5	132(5660 MHz)	8.85	9.5
136(5680 MHz)	8.93	9.5	136(5680 MHz)	9.18	9.5
140(5700 MHz)	9.04	9.5	140(5700 MHz)	9.21	9.5
144(5720 MHz)	8.99	9.5	144(5720 MHz)	9.21	9.5
149(5745 MHz)	8.89	9.5	149(5745 MHz)	9.10	9.5
153(5765 MHz)	8.91	9.5	153(5765 MHz)	9.17	9.5
157(5785 MHz)	8.79	9.5	157(5785 MHz)	8.99	9.5
161(5805 MHz)	8.71	9.5	161(5805 MHz)	8.97	9.5
165(5825 MHz)	8.87	9.5	165(5825 MHz)	9.08	9.5

802.11n(dBm)-40MHz			802.11ac(dBm)-40MHz		
Channel\data rate	MCS0	Tune up	Channel\data rate	MCS0	Tune up
38(5190 MHz)	9.32	9.5	38(5190 MHz)	9.38	9.5
46(5230 MHz)	9.20	9.5	46(5230 MHz)	9.18	9.5
54(5270 MHz)	9.35	9.5	54(5270 MHz)	9.29	9.5
62(5310 MHz)	8.91	9.5	62(5310 MHz)	8.96	9.5
102(5510 MHz)	9.18	9.5	102(5510 MHz)	9.05	9.5
110(5550 MHz)	9.25	9.5	110(5550 MHz)	9.29	9.5
118(5590 MHz)	9.03	9.5	118(5590 MHz)	8.92	9.5
126(5630 MHz)	8.88	9.5	126(5630 MHz)	8.89	9.5
134(5670 MHz)	9.18	9.5	134(5670 MHz)	9.21	9.5
142(5710 MHz)	9.41	9.5	142(5710 MHz)	9.38	9.5
151(5755 MHz)	9.23	9.5	151(5755 MHz)	9.27	9.5
159(5795 MHz)	9.03	9.5	159(5795 MHz)	9.04	9.5

802.11ax(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	8.97	9.5
46(5230 MHz)	8.79	9.5
54(5270 MHz)	8.90	9.5
62(5310 MHz)	8.56	9.5
102(5510 MHz)	8.66	9.5
110(5550 MHz)	8.88	9.5
118(5590 MHz)	8.49	9.5
126(5630 MHz)	8.49	9.5
134(5670 MHz)	8.84	9.5
142(5710 MHz)	9.05	9.5
151(5755 MHz)	8.87	9.5
159(5795 MHz)	8.59	9.5

802.11ac(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	9.32	9.5
58(5290 MHz)	9.42	9.5
106(5530 MHz)	9.43	9.5
122(5610 MHz)	9.23	9.5
138(5690 MHz)	9.46	9.5
155(5775 MHz)	9.23	9.5

802.11ax(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	9.12	9.5
58(5290 MHz)	9.21	9.5
106(5530 MHz)	9.27	9.5
122(5610 MHz)	9.04	9.5
138(5690 MHz)	9.42	9.5
155(5775 MHz)	9.00	9.5

802.11ax(dBm)-160MHz		
Channel\data rate	MCS0	Tune up
50(5250 MHz)	9.37	9.5
114(5570 MHz)	9.47	9.5

The maximum output power for WiFi 5G ANT9 – (Normal Power/ Body standalone/ Body Simultaneous)

802.11a(dBm)			802.11n(dBm)-20MHz		
Channel\data rate	6Mbps	Tune up	Channel\data rate	MCS0	Tune up
36(5180 MHz)	16.91	18	36(5180 MHz)	16.55	18
40(5200 MHz)	16.84	18	40(5200 MHz)	16.49	18
44(5220 MHz)	17.23	18	44(5220 MHz)	16.86	18
48(5240 MHz)	17.05	18	48(5240 MHz)	16.73	18
52(5260 MHz)	16.91	18	52(5260 MHz)	16.50	18
56(5280 MHz)	16.84	18	56(5280 MHz)	16.47	18
60(5300 MHz)	16.94	18	60(5300 MHz)	16.57	18
64(5320 MHz)	16.95	18	64(5320 MHz)	16.52	18
100(5500 MHz)	16.81	18	100(5500 MHz)	16.41	18
104(5520 MHz)	16.75	18	104(5520 MHz)	16.33	18
108(5540 MHz)	17.10	18	108(5540 MHz)	16.74	18
112(5560 MHz)	17.02	18	112(5560 MHz)	16.62	18
116(5580 MHz)	16.81	18	116(5580 MHz)	16.45	18
120(5600 MHz)	16.74	18	120(5600 MHz)	16.36	18
124(5620 MHz)	16.70	18	124(5620 MHz)	16.24	18
128(5640 MHz)	16.62	18	128(5640 MHz)	16.21	18
132(5660 MHz)	16.57	18	132(5660 MHz)	16.19	18
136(5680 MHz)	16.65	18	136(5680 MHz)	16.26	18
140(5700 MHz)	16.74	18	140(5700 MHz)	16.38	18
144(5720 MHz)	16.68	18	144(5720 MHz)	16.26	18
149(5745 MHz)	16.84	18	149(5745 MHz)	16.45	18
153(5765 MHz)	16.85	18	153(5765 MHz)	16.45	18
157(5785 MHz)	16.84	18	157(5785 MHz)	16.51	18
161(5805 MHz)	16.87	18	161(5805 MHz)	16.47	18
165(5825 MHz)	16.89	18	165(5825 MHz)	16.44	18

802.11ac(dBm)-20MHz			802.11ax(dBm)-20MHz		
Channel\data rate	MCS0	Tune up	Channel\data rate	MCS0	Tune up
36(5180 MHz)	16.56	18	36(5180 MHz)	16.71	18
40(5200 MHz)	16.51	18	40(5200 MHz)	16.70	18
44(5220 MHz)	16.91	18	44(5220 MHz)	17.10	18
48(5240 MHz)	16.76	18	48(5240 MHz)	16.94	18
52(5260 MHz)	16.51	18	52(5260 MHz)	16.77	18
56(5280 MHz)	16.49	18	56(5280 MHz)	16.70	18
60(5300 MHz)	16.61	18	60(5300 MHz)	16.80	18
64(5320 MHz)	16.58	18	64(5320 MHz)	16.75	18
100(5500 MHz)	16.48	18	100(5500 MHz)	16.65	18
104(5520 MHz)	16.37	18	104(5520 MHz)	16.54	18
108(5540 MHz)	16.75	18	108(5540 MHz)	16.93	18
112(5560 MHz)	16.62	18	112(5560 MHz)	16.88	18
116(5580 MHz)	16.46	18	116(5580 MHz)	16.66	18
120(5600 MHz)	16.33	18	120(5600 MHz)	16.53	18
124(5620 MHz)	16.30	18	124(5620 MHz)	16.50	18
128(5640 MHz)	16.22	18	128(5640 MHz)	16.47	18
132(5660 MHz)	16.17	18	132(5660 MHz)	16.39	18
136(5680 MHz)	16.28	18	136(5680 MHz)	16.47	18
140(5700 MHz)	16.33	18	140(5700 MHz)	16.55	18
144(5720 MHz)	16.29	18	144(5720 MHz)	16.49	18
149(5745 MHz)	16.40	18	149(5745 MHz)	16.61	18
153(5765 MHz)	16.41	18	153(5765 MHz)	16.63	18
157(5785 MHz)	16.44	18	157(5785 MHz)	16.66	18
161(5805 MHz)	16.42	18	161(5805 MHz)	16.65	18
165(5825 MHz)	16.43	18	165(5825 MHz)	16.66	18

802.11n(dBm)-40MHz			802.11ac(dBm)-40MHz		
Channel\data rate	MCS0	Tune up	Channel\data rate	MCS0	Tune up
38(5190 MHz)	16.83	18	38(5190 MHz)	16.86	18
46(5230 MHz)	16.48	18	46(5230 MHz)	17.15	18
54(5270 MHz)	16.38	18	54(5270 MHz)	16.86	18
62(5310 MHz)	16.35	18	62(5310 MHz)	16.80	18
102(5510 MHz)	16.71	18	102(5510 MHz)	16.74	18
110(5550 MHz)	16.59	18	110(5550 MHz)	17.07	18
118(5590 MHz)	16.38	18	118(5590 MHz)	16.84	18
126(5630 MHz)	16.20	18	126(5630 MHz)	16.68	18
134(5670 MHz)	16.16	18	134(5670 MHz)	16.66	18
142(5710 MHz)	16.23	18	142(5710 MHz)	16.81	18
151(5755 MHz)	16.28	18	151(5755 MHz)	16.81	18
159(5795 MHz)	16.34	18	159(5795 MHz)	16.80	18

802.11ax(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	16.37	18
46(5230 MHz)	16.63	18
54(5270 MHz)	16.39	18
62(5310 MHz)	16.41	18
102(5510 MHz)	16.31	18
110(5550 MHz)	16.65	18
118(5590 MHz)	16.38	18
126(5630 MHz)	16.28	18
134(5670 MHz)	16.31	18
142(5710 MHz)	16.34	18
151(5755 MHz)	16.42	18
159(5795 MHz)	16.44	18

802.11ac(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	15.45	16.5
58(5290 MHz)	15.13	16.5
106(5530 MHz)	15.25	16.5
122(5610 MHz)	16.65	18
138(5690 MHz)	16.31	18
155(5775 MHz)	16.39	18

802.11ax(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	15.25	16.5
58(5290 MHz)	14.92	16.5
106(5530 MHz)	15.17	16.5
122(5610 MHz)	16.20	18
138(5690 MHz)	16.32	18
155(5775 MHz)	16.29	18

802.11ax(dBm)-160MHz		
Channel\data rate	MCS0	Tune up
50(5250 MHz)	13.48	14.5
114(5570 MHz)	13.59	14.5

The maximum output power for WiFi 5G ANT9 – (Head standalone)

802.11a(dBm)			802.11n(dBm)-20MHz		
Channel\data rate	6Mbps	Tune up	Channel\data rate	MCS0	Tune up
36(5180 MHz)	15.76	17	36(5180 MHz)	15.42	17
40(5200 MHz)	15.77	17	40(5200 MHz)	15.34	17
44(5220 MHz)	16.10	17	44(5220 MHz)	15.71	17
48(5240 MHz)	15.91	17	48(5240 MHz)	15.60	17
52(5260 MHz)	15.84	17	52(5260 MHz)	15.38	17
56(5280 MHz)	15.76	17	56(5280 MHz)	15.37	17
60(5300 MHz)	15.89	17	60(5300 MHz)	15.50	17
64(5320 MHz)	15.85	17	64(5320 MHz)	15.45	17
100(5500 MHz)	15.66	17	100(5500 MHz)	15.33	17
104(5520 MHz)	15.63	17	104(5520 MHz)	15.22	17
108(5540 MHz)	16.00	17	108(5540 MHz)	15.67	17
112(5560 MHz)	15.92	17	112(5560 MHz)	15.47	17
116(5580 MHz)	15.69	17	116(5580 MHz)	15.37	17
120(5600 MHz)	15.59	17	120(5600 MHz)	15.21	17
124(5620 MHz)	15.56	17	124(5620 MHz)	15.11	17
128(5640 MHz)	15.54	17	128(5640 MHz)	15.09	17
132(5660 MHz)	15.44	17	132(5660 MHz)	15.13	17
136(5680 MHz)	15.56	17	136(5680 MHz)	15.18	17
140(5700 MHz)	15.59	17	140(5700 MHz)	15.24	17
144(5720 MHz)	15.59	17	144(5720 MHz)	15.19	17
149(5745 MHz)	15.71	17	149(5745 MHz)	15.33	17
153(5765 MHz)	15.77	17	153(5765 MHz)	15.32	17
157(5785 MHz)	15.73	17	157(5785 MHz)	15.38	17
161(5805 MHz)	15.73	17	161(5805 MHz)	15.40	17
165(5825 MHz)	15.74	17	165(5825 MHz)	15.33	17

802.11ac(dBm)-20MHz			802.11ax(dBm)-20MHz		
Channel\data rate	MCS0	Tune up	Channel\data rate	MCS0	Tune up
36(5180 MHz)	15.51	17	36(5180 MHz)	15.50	17
40(5200 MHz)	15.42	17	40(5200 MHz)	15.52	17
44(5220 MHz)	15.82	17	44(5220 MHz)	15.94	17
48(5240 MHz)	15.69	17	48(5240 MHz)	15.69	17
52(5260 MHz)	15.36	17	52(5260 MHz)	15.55	17
56(5280 MHz)	15.34	17	56(5280 MHz)	15.46	17
60(5300 MHz)	15.53	17	60(5300 MHz)	15.59	17
64(5320 MHz)	15.47	17	64(5320 MHz)	15.55	17
100(5500 MHz)	15.35	17	100(5500 MHz)	15.41	17
104(5520 MHz)	15.23	17	104(5520 MHz)	15.33	17
108(5540 MHz)	15.68	17	108(5540 MHz)	15.75	17
112(5560 MHz)	15.48	17	112(5560 MHz)	15.73	17
116(5580 MHz)	15.40	17	116(5580 MHz)	15.45	17
120(5600 MHz)	15.25	17	120(5600 MHz)	15.37	17
124(5620 MHz)	15.20	17	124(5620 MHz)	15.33	17
128(5640 MHz)	15.12	17	128(5640 MHz)	15.30	17
132(5660 MHz)	15.04	17	132(5660 MHz)	15.20	17
136(5680 MHz)	15.22	17	136(5680 MHz)	15.31	17
140(5700 MHz)	15.22	17	140(5700 MHz)	15.35	17
144(5720 MHz)	15.16	17	144(5720 MHz)	15.28	17
149(5745 MHz)	15.29	17	149(5745 MHz)	15.46	17
153(5765 MHz)	15.32	17	153(5765 MHz)	15.43	17
157(5785 MHz)	15.39	17	157(5785 MHz)	15.41	17
161(5805 MHz)	15.27	17	161(5805 MHz)	15.44	17
165(5825 MHz)	15.32	17	165(5825 MHz)	15.44	17

802.11n(dBm)-40MHz			802.11ac(dBm)-40MHz		
Channel\data rate	MCS0	Tune up	Channel\data rate	MCS0	Tune up
38(5190 MHz)	15.74	17	38(5190 MHz)	15.78	17
46(5230 MHz)	15.41	17	46(5230 MHz)	16.01	17
54(5270 MHz)	15.23	17	54(5270 MHz)	15.73	17
62(5310 MHz)	15.26	17	62(5310 MHz)	15.66	17
102(5510 MHz)	15.62	17	102(5510 MHz)	15.68	17
110(5550 MHz)	15.51	17	110(5550 MHz)	15.95	17
118(5590 MHz)	15.32	17	118(5590 MHz)	15.73	17
126(5630 MHz)	15.11	17	126(5630 MHz)	15.62	17
134(5670 MHz)	15.02	17	134(5670 MHz)	15.52	17
142(5710 MHz)	15.10	17	142(5710 MHz)	15.69	17
151(5755 MHz)	15.18	17	151(5755 MHz)	15.68	17
159(5795 MHz)	15.19	17	159(5795 MHz)	15.68	17

802.11ax(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	15.15	17
46(5230 MHz)	15.45	17
54(5270 MHz)	15.20	17
62(5310 MHz)	15.16	17
102(5510 MHz)	15.15	17
110(5550 MHz)	15.40	17
118(5590 MHz)	15.17	17
126(5630 MHz)	15.09	17
134(5670 MHz)	15.09	17
142(5710 MHz)	15.16	17
151(5755 MHz)	15.17	17
159(5795 MHz)	15.25	17

802.11ac(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	15.45	16.5
58(5290 MHz)	15.13	16.5
106(5530 MHz)	15.25	16.5
122(5610 MHz)	16.05	17
138(5690 MHz)	15.99	17
155(5775 MHz)	16.07	17

802.11ax(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	15.25	16.5
58(5290 MHz)	14.92	16.5
106(5530 MHz)	15.17	16.5
122(5610 MHz)	15.85	17
138(5690 MHz)	15.89	17
155(5775 MHz)	15.92	17

802.11ax(dBm)-160MHz		
Channel\data rate	MCS0	Tune up
50(5250 MHz)	13.48	14.5
114(5570 MHz)	13.59	14.5

The maximum output power for WiFi 5G ANT9 – (Head Simultaneous)

802.11a(dBm)			802.11n(dBm)-20MHz		
Channel\data rate	6Mbps	Tune up	Channel\data rate	MCS0	Tune up
36(5180 MHz)	11.93	13.5	36(5180 MHz)	11.54	13.5
40(5200 MHz)	11.87	13.5	40(5200 MHz)	11.54	13.5
44(5220 MHz)	12.25	13.5	44(5220 MHz)	11.93	13.5
48(5240 MHz)	12.09	13.5	48(5240 MHz)	11.78	13.5
52(5260 MHz)	11.97	13.5	52(5260 MHz)	11.65	13.5
56(5280 MHz)	11.92	13.5	56(5280 MHz)	11.59	13.5
60(5300 MHz)	11.99	13.5	60(5300 MHz)	11.64	13.5
64(5320 MHz)	11.98	13.5	64(5320 MHz)	11.62	13.5
100(5500 MHz)	12.14	13.5	100(5500 MHz)	11.77	13.5
104(5520 MHz)	12.04	13.5	104(5520 MHz)	11.62	13.5
108(5540 MHz)	12.39	13.5	108(5540 MHz)	11.97	13.5
112(5560 MHz)	12.28	13.5	112(5560 MHz)	11.90	13.5
116(5580 MHz)	12.09	13.5	116(5580 MHz)	11.73	13.5
120(5600 MHz)	11.99	13.5	120(5600 MHz)	11.65	13.5
124(5620 MHz)	11.95	13.5	124(5620 MHz)	11.55	13.5
128(5640 MHz)	11.89	13.5	128(5640 MHz)	11.57	13.5
132(5660 MHz)	11.85	13.5	132(5660 MHz)	11.50	13.5
136(5680 MHz)	12.02	13.5	136(5680 MHz)	11.59	13.5
140(5700 MHz)	12.07	13.5	140(5700 MHz)	11.70	13.5
144(5720 MHz)	12.01	13.5	144(5720 MHz)	11.65	13.5
149(5745 MHz)	12.14	13.5	149(5745 MHz)	11.76	13.5
153(5765 MHz)	12.13	13.5	153(5765 MHz)	11.75	13.5
157(5785 MHz)	12.14	13.5	157(5785 MHz)	11.75	13.5
161(5805 MHz)	12.16	13.5	161(5805 MHz)	11.70	13.5
165(5825 MHz)	12.18	13.5	165(5825 MHz)	11.80	13.5

802.11ac(dBm)-20MHz			802.11ax(dBm)-20MHz		
Channel\data rate	MCS0	Tune up	Channel\data rate	MCS0	Tune up
36(5180 MHz)	11.47	13.5	36(5180 MHz)	11.48	13.5
40(5200 MHz)	11.41	13.5	40(5200 MHz)	11.44	13.5
44(5220 MHz)	11.85	13.5	44(5220 MHz)	11.90	13.5
48(5240 MHz)	11.70	13.5	48(5240 MHz)	11.64	13.5
52(5260 MHz)	11.51	13.5	52(5260 MHz)	11.49	13.5
56(5280 MHz)	11.43	13.5	56(5280 MHz)	11.46	13.5
60(5300 MHz)	11.56	13.5	60(5300 MHz)	11.57	13.5
64(5320 MHz)	11.50	13.5	64(5320 MHz)	11.55	13.5
100(5500 MHz)	11.72	13.5	100(5500 MHz)	11.70	13.5
104(5520 MHz)	11.62	13.5	104(5520 MHz)	11.66	13.5
108(5540 MHz)	11.94	13.5	108(5540 MHz)	11.96	13.5
112(5560 MHz)	11.87	13.5	112(5560 MHz)	11.86	13.5
116(5580 MHz)	11.73	13.5	116(5580 MHz)	11.75	13.5
120(5600 MHz)	11.64	13.5	120(5600 MHz)	11.67	13.5
124(5620 MHz)	11.60	13.5	124(5620 MHz)	11.57	13.5
128(5640 MHz)	11.59	13.5	128(5640 MHz)	11.57	13.5
132(5660 MHz)	11.54	13.5	132(5660 MHz)	11.52	13.5
136(5680 MHz)	11.62	13.5	136(5680 MHz)	11.63	13.5
140(5700 MHz)	11.67	13.5	140(5700 MHz)	11.65	13.5
144(5720 MHz)	11.62	13.5	144(5720 MHz)	11.61	13.5
149(5745 MHz)	11.77	13.5	149(5745 MHz)	11.74	13.5
153(5765 MHz)	11.79	13.5	153(5765 MHz)	11.76	13.5
157(5785 MHz)	11.72	13.5	157(5785 MHz)	11.70	13.5
161(5805 MHz)	11.76	13.5	161(5805 MHz)	11.72	13.5
165(5825 MHz)	11.80	13.5	165(5825 MHz)	11.80	13.5

802.11n(dBm)-40MHz			802.11ac(dBm)-40MHz		
Channel\data rate	MCS0	Tune up	Channel\data rate	MCS0	Tune up
38(5190 MHz)	11.77	13.5	38(5190 MHz)	11.79	13.5
46(5230 MHz)	11.98	13.5	46(5230 MHz)	11.94	13.5
54(5270 MHz)	11.82	13.5	54(5270 MHz)	11.82	13.5
62(5310 MHz)	11.85	13.5	62(5310 MHz)	11.90	13.5
102(5510 MHz)	12.04	13.5	102(5510 MHz)	12.02	13.5
110(5550 MHz)	12.32	13.5	110(5550 MHz)	12.30	13.5
118(5590 MHz)	12.14	13.5	118(5590 MHz)	12.17	13.5
126(5630 MHz)	12.04	13.5	126(5630 MHz)	12.04	13.5
134(5670 MHz)	12.11	13.5	134(5670 MHz)	12.07	13.5
142(5710 MHz)	12.12	13.5	142(5710 MHz)	12.04	13.5
151(5755 MHz)	12.25	13.5	151(5755 MHz)	12.23	13.5
159(5795 MHz)	12.15	13.5	159(5795 MHz)	12.16	13.5

802.11ax(dBm)-40MHz		
Channel\data rate	MCS0	Tune up
38(5190 MHz)	11.12	13.5
46(5230 MHz)	11.31	13.5
54(5270 MHz)	11.17	13.5
62(5310 MHz)	11.24	13.5
102(5510 MHz)	11.45	13.5
110(5550 MHz)	11.68	13.5
118(5590 MHz)	11.54	13.5
126(5630 MHz)	11.40	13.5
134(5670 MHz)	11.52	13.5
142(5710 MHz)	11.49	13.5
151(5755 MHz)	11.62	13.5
159(5795 MHz)	11.57	13.5

802.11ac(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	12.15	13.5
58(5290 MHz)	12.44	13.5
106(5530 MHz)	12.36	13.5
122(5610 MHz)	12.47	13.5
138(5690 MHz)	12.52	13.5
155(5775 MHz)	12.58	13.5

802.11ax(dBm)-80MHz		
Channel\data rate	MCS0	Tune up
42(5210 MHz)	12.03	13.5
58(5290 MHz)	12.25	13.5
106(5530 MHz)	12.20	13.5
122(5610 MHz)	12.26	13.5
138(5690 MHz)	12.34	13.5
155(5775 MHz)	12.40	13.5

802.11ax(dBm)-160MHz		
Channel\data rate	MCS0	Tune up
50(5250 MHz)	13.05	13.5
114(5570 MHz)	13.12	13.5

The maximum output power for WiFi 6E ANT7 – (Normal Power)

802.11a (dBm)			802.11ax-20M(dBm)		
Channel\data rate	6Mbps	Tune up	Channel\data rate	MCS0	Tune up
1(5955 MHz)	12.88	14	1(5955 MHz)	9.69	11
5(5975 MHz)	12.87	14	5(5975 MHz)	9.72	11
9(5995 MHz)	12.82	14	9(5995 MHz)	9.40	11
13(6015 MHz)	12.75	14	13(6015 MHz)	9.38	11
17(6035 MHz)	12.47	14	17(6035 MHz)	9.59	11
21(6055 MHz)	12.55	14	21(6055 MHz)	9.57	11
25(6075 MHz)	12.34	14	25(6075 MHz)	9.52	11
29(6095 MHz)	12.28	14	29(6095 MHz)	9.50	11
33(6115 MHz)	12.38	14	33(6115 MHz)	9.59	11
37(6135 MHz)	12.37	14	37(6135 MHz)	9.55	11
41(6155 MHz)	12.57	14	41(6155 MHz)	9.53	11
45(6175 MHz)	12.51	14	45(6175 MHz)	9.61	11
49(6195 MHz)	12.57	14	49(6195 MHz)	9.72	11
53(6215 MHz)	12.85	14	53(6215 MHz)	9.61	11
57(6235 MHz)	12.84	14	57(6235 MHz)	9.68	11
61(6255 MHz)	12.77	14	61(6255 MHz)	9.62	11
65(6275 MHz)	12.75	14	65(6275 MHz)	9.67	11
69(6295 MHz)	12.70	14	69(6295 MHz)	9.66	11
73(6315 MHz)	12.57	14	73(6315 MHz)	9.53	11
77(6335 MHz)	12.45	14	77(6335 MHz)	9.45	11
81(6355 MHz)	12.48	14	81(6355 MHz)	9.23	11
85(6375 MHz)	12.40	14	85(6375 MHz)	9.24	11
89(6395 MHz)	12.47	14	89(6395 MHz)	9.25	11
93(6415 MHz)	12.42	14	93(6415 MHz)	9.22	11
97(6435 MHz)	12.46	14	97(6435 MHz)	9.30	11
101(6455 MHz)	12.59	14	101(6455 MHz)	9.51	11
105(6475 MHz)	12.58	14	105(6475 MHz)	9.53	11
109(6495 MHz)	12.69	14	109(6495 MHz)	9.52	11
113(6515 MHz)	12.61	14	113(6515 MHz)	9.48	11
117(6535 MHz)	12.57	14	117(6535 MHz)	9.40	11
121(6555 MHz)	12.60	14	121(6555 MHz)	9.44	11
125(6575 MHz)	12.53	14	125(6575 MHz)	9.43	11
129(6595 MHz)	12.52	14	129(6595 MHz)	9.37	11
133(6615 MHz)	12.36	14	133(6615 MHz)	9.28	11
137(6635 MHz)	12.31	14	137(6635 MHz)	9.10	11
141(6655 MHz)	12.39	14	141(6655 MHz)	9.23	11
145(6675 MHz)	12.46	14	145(6675 MHz)	9.28	11
149(6695 MHz)	12.53	14	149(6695 MHz)	9.32	11
153(6715 MHz)	12.54	14	153(6715 MHz)	9.34	11
157(6735 MHz)	12.60	14	157(6735 MHz)	9.35	11
161(6755 MHz)	12.66	14	161(6755 MHz)	9.34	11
165(6775 MHz)	12.59	14	165(6775 MHz)	9.42	11
169(6795 MHz)	12.45	14	169(6795 MHz)	9.32	11
173(6815 MHz)	12.43	14	173(6815 MHz)	9.28	11
177(6835 MHz)	12.28	14	177(6835 MHz)	9.25	11
181(6855 MHz)	12.16	14	181(6855 MHz)	9.01	11
185(6875 MHz)	12.13	14	185(6875 MHz)	9.02	11
189(6895 MHz)	12.13	14	189(6895 MHz)	9.03	11
193(6915 MHz)	12.26	14	193(6915 MHz)	9.10	11
197(6935 MHz)	12.34	14	197(6935 MHz)	9.20	11
201(6955 MHz)	12.37	14	201(6955 MHz)	9.31	11
205(6975 MHz)	12.28	14	205(6975 MHz)	9.30	11
209(6995 MHz)	12.35	14	209(6995 MHz)	9.16	11
213(7015 MHz)	12.37	14	213(7015 MHz)	9.15	11
217(7035 MHz)	12.34	14	217(7035 MHz)	9.22	11
221(7055 MHz)	12.26	14	221(7055 MHz)	9.31	11
225(7075 MHz)	12.29	14	225(7075 MHz)	9.24	11
229(7095 MHz)	12.35	14	229(7095 MHz)	9.17	11
233(7115 MHz)	12.27	14	233(7115 MHz)	9.11	11

802.11ax-40M(dBm)		
Channel\data rate	MCS0	Tune up
3(5965 MHz)	12.24	14
11(5995 MHz)	12.30	14
19(6035MHz)	12.39	14
27(6085 MHz)	12.26	14
35(6125 MHz)	12.33	14
43(6165 MHz)	12.34	14
51(6205 MHz)	12.37	14
59(6245 MHz)	12.36	14
67(6285 MHz)	12.45	14
71(6325 MHz)	12.24	14
83(6365 MHz)	12.16	14
91(6405 MHz)	12.10	14
99(6445 MHz)	12.45	14
107(6485 MHz)	12.39	14
115(6525 MHz)	12.40	14
123(6565 MHz)	12.33	14
131(6605 MHz)	12.24	14
139(6645 MHz)	12.00	14
147(6685 MHz)	12.22	14
155(6725 MHz)	12.27	14
163(6765 MHz)	12.26	14
171(6805 MHz)	12.20	14
179(6845 MHz)	12.03	14
187(6885 MHz)	12.03	14
195(6925 MHz)	12.05	14
203(6965 MHz)	12.08	14
211(7005 MHz)	12.07	14
219(7045 MHz)	12.04	14
227(7085 MHz)	12.01	14

802.11ax-80M(dBm)		
Channel\data rate	MCS0	Tune up
7(5985 MHz)	15.09	16
23(6065 MHz)	14.77	16
39(6145 MHz)	15.01	16
55(6225 MHz)	15.37	16
71(6305 MHz)	15.03	16
87(6385 MHz)	14.86	16
103(6465 MHz)	15.08	16
119(6545 MHz)	15.02	16
135(6625 MHz)	14.75	16
151(6705 MHz)	15.10	16
167(6785 MHz)	14.88	16
183(6865 MHz)	14.46	16
199(6945 MHz)	14.54	16
215(7025 MHz)	14.66	16
802.11ax-160M(dBm)		
Channel\data rate	MCS0	Tune up
15(6025 MHz)	14.54	15
47(6185 MHz)	14.70	15
79(6345 MHz)	14.35	15
111(6505 MHz)	14.61	15
143(6665 MHz)	14.39	15
175(6825 MHz)	14.34	15
207(6985 MHz)	14.22	15

The maximum output power for WiFi 6E ANT7 – (Head Standalone/Head simultaneous)

802.11a (dBm)			802.11ax-20M(dBm)		
Channel\data rate	6Mbps	Tune up	Channel\data rate	MCS0	Tune up
1(5955 MHz)	7.63	9	1(5955 MHz)	7.52	9
5(5975 MHz)	7.59	9	5(5975 MHz)	7.48	9
9(5995 MHz)	7.61	9	9(5995 MHz)	7.45	9
13(6015 MHz)	7.57	9	13(6015 MHz)	7.44	9
17(6035 MHz)	7.58	9	17(6035 MHz)	7.45	9
21(6055 MHz)	7.52	9	21(6055 MHz)	7.44	9
25(6075 MHz)	7.21	9	25(6075 MHz)	7.08	9
29(6095 MHz)	7.18	9	29(6095 MHz)	7.05	9
33(6115 MHz)	4.47	6	33(6115 MHz)	4.53	6
37(6135 MHz)	4.37	6	37(6135 MHz)	4.55	6
41(6155 MHz)	4.39	6	41(6155 MHz)	4.69	6
45(6175 MHz)	4.45	6	45(6175 MHz)	4.66	6
49(6195 MHz)	4.51	6	49(6195 MHz)	4.97	6
53(6215 MHz)	4.44	6	53(6215 MHz)	4.83	6
57(6235 MHz)	4.47	6	57(6235 MHz)	4.91	6
61(6255 MHz)	4.63	6	61(6255 MHz)	4.70	6
65(6275 MHz)	7.70	9	65(6275 MHz)	7.70	9
69(6295 MHz)	7.67	9	69(6295 MHz)	7.69	9
73(6315 MHz)	7.28	9	73(6315 MHz)	7.30	9
77(6335 MHz)	7.25	9	77(6335 MHz)	7.25	9
81(6355 MHz)	7.23	9	81(6355 MHz)	7.22	9
85(6375 MHz)	7.18	9	85(6375 MHz)	7.18	9
89(6395 MHz)	7.18	9	89(6395 MHz)	7.14	9
93(6415 MHz)	7.19	9	93(6415 MHz)	7.15	9
97(6435 MHz)	7.23	9	97(6435 MHz)	7.22	9
101(6455 MHz)	7.60	9	101(6455 MHz)	7.53	9
105(6475 MHz)	7.64	9	105(6475 MHz)	7.57	9
109(6495 MHz)	7.66	9	109(6495 MHz)	7.57	9
113(6515 MHz)	7.64	9	113(6515 MHz)	7.54	9
117(6535 MHz)	7.62	9	117(6535 MHz)	7.56	9
121(6555 MHz)	7.54	9	121(6555 MHz)	7.48	9
125(6575 MHz)	7.49	9	125(6575 MHz)	7.53	9
129(6595 MHz)	7.48	9	129(6595 MHz)	7.37	9
133(6615 MHz)	7.44	9	133(6615 MHz)	7.33	9
137(6635 MHz)	7.20	9	137(6635 MHz)	7.05	9
141(6655 MHz)	7.75	9	141(6655 MHz)	7.63	9
145(6675 MHz)	7.77	9	145(6675 MHz)	7.58	9
149(6695 MHz)	7.78	9	149(6695 MHz)	7.62	9
153(6715 MHz)	7.80	9	153(6715 MHz)	7.61	9
157(6735 MHz)	7.83	9	157(6735 MHz)	7.65	9
161(6755 MHz)	7.83	9	161(6755 MHz)	7.59	9
165(6775 MHz)	7.78	9	165(6775 MHz)	7.63	9
169(6795 MHz)	7.92	9	169(6795 MHz)	7.81	9
173(6815 MHz)	7.84	9	173(6815 MHz)	7.74	9
177(6835 MHz)	7.81	9	177(6835 MHz)	7.66	9
181(6855 MHz)	7.20	9	181(6855 MHz)	7.06	9
185(6875 MHz)	7.16	9	185(6875 MHz)	7.02	9
189(6895 MHz)	7.30	9	189(6895 MHz)	7.13	9
193(6915 MHz)	7.42	9	193(6915 MHz)	7.28	9
197(6935 MHz)	7.69	9	197(6935 MHz)	7.46	9
201(6955 MHz)	7.70	9	201(6955 MHz)	7.42	9
205(6975 MHz)	7.65	9	205(6975 MHz)	7.41	9
209(6995 MHz)	7.61	9	209(6995 MHz)	7.38	9
213(7015 MHz)	7.57	9	213(7015 MHz)	7.43	9
217(7035 MHz)	7.64	9	217(7035 MHz)	7.42	9
221(7055 MHz)	7.53	9	221(7055 MHz)	7.40	9
225(7075 MHz)	7.52	9	225(7075 MHz)	7.38	9
229(7095 MHz)	7.46	9	229(7095 MHz)	7.30	9
233(7115 MHz)	7.55	9	233(7115 MHz)	7.35	9

802.11ax-40M(dBm)		
Channel\data rate	MCS0	Tune up
3(5965 MHz)	7.43	9
11(5995 MHz)	7.37	9
19(6035MHz)	7.44	9
27(6085 MHz)	7.30	9
35(6125 MHz)	4.33	6
43(6165 MHz)	4.57	6
51(6205 MHz)	4.65	6
59(6245 MHz)	4.70	6
67(6285 MHz)	7.60	9
71(6325 MHz)	7.07	9
83(6365 MHz)	7.01	9
91(6405 MHz)	7.05	9
99(6445 MHz)	7.67	9
107(6485 MHz)	7.54	9
115(6525 MHz)	7.54	9
123(6565 MHz)	7.47	9
131(6605 MHz)	7.35	9
139(6645 MHz)	7.07	9
147(6685 MHz)	7.68	9
155(6725 MHz)	7.62	9
163(6765 MHz)	7.63	9
171(6805 MHz)	7.73	9
179(6845 MHz)	7.62	9
187(6885 MHz)	7.08	9
195(6925 MHz)	7.48	9
203(6965 MHz)	7.51	9
211(7005 MHz)	7.42	9
219(7045 MHz)	7.48	9
227(7085 MHz)	7.28	9

802.11ax-80M(dBm)		
Channel\data rate	MCS0	Tune up
7(5985 MHz)	7.65	9
23(6065 MHz)	7.75	9
39(6145 MHz)	4.89	6
55(6225 MHz)	5.00	6
71(6305 MHz)	7.60	9
87(6385 MHz)	7.33	9
103(6465 MHz)	7.72	9
119(6545 MHz)	7.77	9
135(6625 MHz)	7.45	9
151(6705 MHz)	7.81	9
167(6785 MHz)	7.89	9
183(6865 MHz)	7.31	9
199(6945 MHz)	7.71	9
215(7025 MHz)	7.77	9
802.11ax-160M(dBm)		
Channel\data rate	MCS0	Tune up
15(6025 MHz)	8.45	9
47(6185 MHz)	5.85	6
79(6345 MHz)	7.90	9
111(6505 MHz)	8.48	9
143(6665 MHz)	8.37	9
175(6825 MHz)	8.41	9
207(6985 MHz)	8.20	9

The maximum output power for WiFi 6E ANT7 – (Body Standalone/Simultaneous)

802.11a (dBm)			802.11ax-20M(dBm)		
Channel\data rate	6Mbps	Tune up	Channel\data rate	MCS0	Tune up
1(5955 MHz)	3.39	4.80	1(5955 MHz)	3.41	4.80
5(5975 MHz)	3.34	4.80	5(5975 MHz)	3.37	4.80
9(5995 MHz)	3.36	4.80	9(5995 MHz)	3.38	4.80
13(6015 MHz)	3.39	4.80	13(6015 MHz)	3.29	4.80
17(6035 MHz)	3.58	4.80	17(6035 MHz)	3.38	4.80
21(6055 MHz)	3.42	4.80	21(6055 MHz)	3.38	4.80
25(6075 MHz)	3.35	4.80	25(6075 MHz)	3.02	4.80
29(6095 MHz)	3.31	4.80	29(6095 MHz)	3.00	4.80
33(6115 MHz)	3.56	4.80	33(6115 MHz)	3.40	4.80
37(6135 MHz)	3.39	4.80	37(6135 MHz)	3.48	4.80
41(6155 MHz)	3.39	4.80	41(6155 MHz)	3.60	4.80
45(6175 MHz)	3.44	4.80	45(6175 MHz)	3.50	4.80
49(6195 MHz)	3.50	4.80	49(6195 MHz)	3.46	4.80
53(6215 MHz)	3.43	4.80	53(6215 MHz)	3.46	4.80
57(6235 MHz)	3.51	4.80	57(6235 MHz)	3.61	4.80
61(6255 MHz)	3.66	4.80	61(6255 MHz)	3.55	4.80
65(6275 MHz)	3.58	4.80	65(6275 MHz)	3.59	4.80
69(6295 MHz)	3.52	4.80	69(6295 MHz)	3.66	4.80
73(6315 MHz)	3.52	4.80	73(6315 MHz)	3.11	4.80
77(6335 MHz)	3.27	4.80	77(6335 MHz)	3.13	4.80
81(6355 MHz)	3.31	4.80	81(6355 MHz)	3.18	4.80
85(6375 MHz)	3.22	4.80	85(6375 MHz)	3.19	4.80
89(6395 MHz)	3.16	4.80	89(6395 MHz)	3.12	4.80
93(6415 MHz)	3.18	4.80	93(6415 MHz)	3.15	4.80
97(6435 MHz)	3.17	4.80	97(6435 MHz)	3.16	4.80
101(6455 MHz)	3.35	4.80	101(6455 MHz)	3.55	4.80
105(6475 MHz)	3.46	4.80	105(6475 MHz)	3.49	4.80
109(6495 MHz)	3.42	4.80	109(6495 MHz)	3.48	4.80
113(6515 MHz)	3.50	4.80	113(6515 MHz)	3.52	4.80
117(6535 MHz)	3.46	4.80	117(6535 MHz)	3.50	4.80
121(6555 MHz)	3.32	4.80	121(6555 MHz)	3.37	4.80
125(6575 MHz)	3.25	4.80	125(6575 MHz)	3.50	4.80
129(6595 MHz)	3.21	4.80	129(6595 MHz)	3.25	4.80
133(6615 MHz)	3.06	4.80	133(6615 MHz)	3.25	4.80
137(6635 MHz)	3.05	4.80	137(6635 MHz)	3.01	4.80
141(6655 MHz)	3.20	4.80	141(6655 MHz)	3.52	4.80
145(6675 MHz)	3.08	4.80	145(6675 MHz)	3.38	4.80
149(6695 MHz)	3.40	4.80	149(6695 MHz)	3.58	4.80
153(6715 MHz)	3.33	4.80	153(6715 MHz)	3.52	4.80
157(6735 MHz)	3.30	4.80	157(6735 MHz)	3.55	4.80
161(6755 MHz)	3.41	4.80	161(6755 MHz)	3.48	4.80
165(6775 MHz)	3.43	4.80	165(6775 MHz)	3.50	4.80
169(6795 MHz)	3.21	4.80	169(6795 MHz)	3.73	4.80
173(6815 MHz)	3.23	4.80	173(6815 MHz)	3.54	4.80
177(6835 MHz)	3.12	4.80	177(6835 MHz)	3.69	4.80
181(6855 MHz)	3.00	4.80	181(6855 MHz)	2.93	4.80
185(6875 MHz)	2.96	4.80	185(6875 MHz)	2.90	4.80
189(6895 MHz)	3.09	4.80	189(6895 MHz)	3.14	4.80
193(6915 MHz)	3.15	4.80	193(6915 MHz)	3.16	4.80
197(6935 MHz)	3.13	4.80	197(6935 MHz)	3.48	4.80
201(6955 MHz)	3.32	4.80	201(6955 MHz)	3.28	4.80
205(6975 MHz)	3.39	4.80	205(6975 MHz)	3.33	4.80
209(6995 MHz)	3.22	4.80	209(6995 MHz)	3.26	4.80
213(7015 MHz)	3.20	4.80	213(7015 MHz)	3.39	4.80
217(7035 MHz)	3.27	4.80	217(7035 MHz)	3.34	4.80
221(7055 MHz)	3.25	4.80	221(7055 MHz)	3.25	4.80
225(7075 MHz)	3.29	4.80	225(7075 MHz)	3.32	4.80
229(7095 MHz)	3.15	4.80	229(7095 MHz)	3.28	4.80
233(7115 MHz)	3.21	4.80	233(7115 MHz)	3.24	4.80

802.11ax-40M(dBm)		
Channel\data rate	MCS0	Tune up
3(5965 MHz)	3.52	4.80
11(5995 MHz)	3.39	4.80
19(6035MHz)	3.46	4.80
27(6085 MHz)	3.36	4.80
35(6125 MHz)	3.37	4.80
43(6165 MHz)	3.59	4.80
51(6205 MHz)	3.64	4.80
59(6245 MHz)	3.79	4.80
67(6285 MHz)	3.63	4.80
71(6325 MHz)	3.39	4.80
83(6365 MHz)	3.25	4.80
91(6405 MHz)	3.15	4.80
99(6445 MHz)	3.44	4.80
107(6485 MHz)	3.57	4.80
115(6525 MHz)	3.57	4.80
123(6565 MHz)	3.35	4.80
131(6605 MHz)	3.07	4.80
139(6645 MHz)	3.03	4.80
147(6685 MHz)	3.30	4.80
155(6725 MHz)	3.37	4.80
163(6765 MHz)	3.24	4.80
171(6805 MHz)	3.24	4.80
179(6845 MHz)	3.10	4.80
187(6885 MHz)	3.09	4.80
195(6925 MHz)	3.11	4.80
203(6965 MHz)	3.20	4.80
211(7005 MHz)	2.99	4.80
219(7045 MHz)	3.02	4.80
227(7085 MHz)	3.10	4.80

802.11ax-80M(dBm)		
Channel\data rate	MCS0	Tune up
7(5985 MHz)	3.40	4.80
23(6065 MHz)	3.39	4.80
39(6145 MHz)	3.45	4.80
55(6225 MHz)	3.50	4.80
71(6305 MHz)	3.49	4.80
87(6385 MHz)	3.22	4.80
103(6465 MHz)	3.50	4.80
119(6545 MHz)	3.62	4.80
135(6625 MHz)	3.19	4.80
151(6705 MHz)	3.48	4.80
167(6785 MHz)	3.25	4.80
183(6865 MHz)	2.97	4.80
199(6945 MHz)	3.07	4.80
215(7025 MHz)	3.31	4.80
802.11ax-160M(dBm)		
Channel\data rate	MCS0	Tune up
15(6025 MHz)	3.69	4.80
47(6185 MHz)	3.65	4.80
79(6345 MHz)	3.47	4.80
111(6505 MHz)	3.38	4.80
143(6665 MHz)	3.21	4.80
175(6825 MHz)	3.45	4.80
207(6985 MHz)	3.16	4.80

The maximum output power for WiFi 6E ANT9 – (Normal Power/Body standalone/Body simultaneous)

802.11a (dBm)			802.11ax-20M(dBm)		
Channel\data rate	6Mbps	Tune up	Channel\data rate	MCS0	Tune up
1(5955 MHz)	6.42	7.9	1(5955 MHz)	6.25	7.9
5(5975 MHz)	6.35	7.9	5(5975 MHz)	6.19	7.9
9(5995 MHz)	6.51	7.9	9(5995 MHz)	6.09	7.9
13(6015 MHz)	6.75	7.9	13(6015 MHz)	6.08	7.9
17(6035 MHz)	6.71	7.9	17(6035 MHz)	6.24	7.9
21(6055 MHz)	6.97	7.9	21(6055 MHz)	6.38	7.9
25(6075 MHz)	7.10	7.9	25(6075 MHz)	6.59	7.9
29(6095 MHz)	7.11	7.9	29(6095 MHz)	6.52	7.9
33(6115 MHz)	7.09	8	33(6115 MHz)	6.82	8
37(6135 MHz)	7.03	8	37(6135 MHz)	6.82	8
41(6155 MHz)	7.29	8	41(6155 MHz)	7.04	8
45(6175 MHz)	7.28	8	45(6175 MHz)	7.08	8
49(6195 MHz)	7.10	8	49(6195 MHz)	7.11	8
53(6215 MHz)	7.16	8	53(6215 MHz)	6.87	8
57(6235 MHz)	6.95	8	57(6235 MHz)	6.90	8
61(6255 MHz)	6.85	8	61(6255 MHz)	6.70	8
65(6275 MHz)	6.79	8	65(6275 MHz)	6.62	8
69(6295 MHz)	6.77	8	69(6295 MHz)	6.48	8
73(6315 MHz)	6.80	8	73(6315 MHz)	6.63	8
77(6335 MHz)	6.67	8	77(6335 MHz)	6.40	8
81(6355 MHz)	6.54	8	81(6355 MHz)	6.60	8
85(6375 MHz)	6.61	8	85(6375 MHz)	6.59	8
89(6395 MHz)	6.68	8	89(6395 MHz)	6.56	8
93(6415 MHz)	6.94	8	93(6415 MHz)	6.78	8
97(6435 MHz)	6.89	8	97(6435 MHz)	6.81	8
101(6455 MHz)	7.54	8	101(6455 MHz)	7.46	8
105(6475 MHz)	7.45	8	105(6475 MHz)	7.45	8
109(6495 MHz)	7.30	8	109(6495 MHz)	7.42	8
113(6515 MHz)	7.32	8	113(6515 MHz)	7.34	8
117(6535 MHz)	7.18	8	117(6535 MHz)	7.17	8
121(6555 MHz)	7.08	8	121(6555 MHz)	7.19	8
125(6575 MHz)	7.04	8	125(6575 MHz)	7.14	8
129(6595 MHz)	7.13	8	129(6595 MHz)	7.14	8
133(6615 MHz)	7.19	8	133(6615 MHz)	7.26	8
137(6635 MHz)	7.07	8	137(6635 MHz)	7.23	8
141(6655 MHz)	7.23	8	141(6655 MHz)	7.29	8
145(6675 MHz)	7.12	8	145(6675 MHz)	7.15	8
149(6695 MHz)	7.37	8	149(6695 MHz)	7.35	8
153(6715 MHz)	7.29	8	153(6715 MHz)	7.27	8
157(6735 MHz)	7.17	8	157(6735 MHz)	7.29	8
161(6755 MHz)	7.12	8	161(6755 MHz)	7.37	8
165(6775 MHz)	7.31	8	165(6775 MHz)	7.40	8
169(6795 MHz)	7.29	8	169(6795 MHz)	7.36	8
173(6815 MHz)	7.29	8	173(6815 MHz)	7.47	8
177(6835 MHz)	7.34	8	177(6835 MHz)	7.50	8
181(6855 MHz)	7.25	8	181(6855 MHz)	7.44	8
185(6875 MHz)	7.20	8	185(6875 MHz)	7.45	8
189(6895 MHz)	7.07	8	189(6895 MHz)	7.41	8
193(6915 MHz)	7.08	8	193(6915 MHz)	7.32	8
197(6935 MHz)	6.88	8	197(6935 MHz)	7.06	8
201(6955 MHz)	6.65	8	201(6955 MHz)	6.93	8
205(6975 MHz)	6.55	8	205(6975 MHz)	6.79	8
209(6995 MHz)	6.39	8	209(6995 MHz)	6.53	8
213(7015 MHz)	6.39	8	213(7015 MHz)	6.43	8
217(7035 MHz)	6.34	8	217(7035 MHz)	6.62	8
221(7055 MHz)	6.47	8	221(7055 MHz)	6.92	8
225(7075 MHz)	6.56	8	225(7075 MHz)	7.04	8
229(7095 MHz)	6.33	8	229(7095 MHz)	6.41	8
233(7115 MHz)	6.38	8	233(7115 MHz)	6.71	8

802.11ax-40M(dBm)		
Channel\data rate	MCS0	Tune up
3(5965 MHz)	6.41	7.9
11(5995 MHz)	6.60	7.9
19(6035MHz)	6.45	7.9
27(6085 MHz)	6.59	7.9
35(6125 MHz)	6.64	8
43(6065 MHz)	6.46	8
51(6205 MHz)	6.62	8
59(6245 MHz)	6.49	8
67(6285 MHz)	6.46	8
71(6325 MHz)	6.37	8
83(6365 MHz)	6.57	8
91(6405 MHz)	6.44	8
99(6445 MHz)	6.79	8
107(6485 MHz)	6.98	8
115(6525 MHz)	7.05	8
123(6565 MHz)	7.00	8
131(6605 MHz)	6.94	8
139(6645 MHz)	6.85	8
147(6585 MHz)	6.88	8
155(6725 MHz)	6.99	8
163(6765 MHz)	7.03	8
171(6805 MHz)	7.09	8
179(6845 MHz)	7.09	8
187(6885 MHz)	6.83	8
195(6925 MHz)	6.70	8
203(6965 MHz)	6.47	8
211(7005 MHz)	6.42	8
219(7045 MHz)	6.43	8
227(7085 MHz)	6.50	8

802.11ax-80M(dBm)		
Channel\data rate	MCS0	Tune up
7(5985 MHz)	7.76	7.9
23(6065 MHz)	7.65	7.9
39(6145 MHz)	7.74	8
55(6225 MHz)	7.50	8
71(6305 MHz)	7.25	8
87(6385 MHz)	7.39	8
103(6465 MHz)	7.67	8
119(6545 MHz)	7.32	8
135(6625 MHz)	7.28	8
151(6705 MHz)	7.43	8
167(6785 MHz)	7.36	8
183(6865 MHz)	7.37	8
199(6945 MHz)	7.01	8
215(7025 MHz)	6.70	8
802.11ax-160M(dBm)		
Channel\data rate	MCS0	Tune up
15(6025 MHz)	7.36	7.9
47(6185 MHz)	7.93	8
79(6345 MHz)	7.27	8
111(6505 MHz)	7.78	8
143(6665 MHz)	7.72	8
175(6825 MHz)	7.81	8
207(6985 MHz)	7.43	8

The maximum output power for WiFi 6E ANT9 – (Head standalone)

802.11a (dBm)			802.11ax-20M(dBm)		
Channel\data rate	6Mbps	Tune up	Channel\data rate	MCS0	Tune up
1(5955 MHz)	2.43	4	1(5955 MHz)	2.26	4
5(5975 MHz)	2.40	4	5(5975 MHz)	2.17	4
9(5995 MHz)	2.54	4	9(5995 MHz)	2.09	4
13(6015 MHz)	2.72	4	13(6015 MHz)	2.06	4
17(6035 MHz)	2.66	4	17(6035 MHz)	2.21	4
21(6055 MHz)	2.92	4	21(6055 MHz)	2.42	4
25(6075 MHz)	3.06	4	25(6075 MHz)	2.55	4
29(6095 MHz)	3.11	4	29(6095 MHz)	2.52	4
33(6115 MHz)	7.09	8	33(6115 MHz)	6.82	8
37(6135 MHz)	7.03	8	37(6135 MHz)	6.82	8
41(6155 MHz)	7.29	8	41(6155 MHz)	7.04	8
45(6175 MHz)	7.28	8	45(6175 MHz)	7.08	8
49(6195 MHz)	7.10	8	49(6195 MHz)	7.11	8
53(6215 MHz)	7.16	8	53(6215 MHz)	6.87	8
57(6235 MHz)	6.95	8	57(6235 MHz)	6.90	8
61(6255 MHz)	6.85	8	61(6255 MHz)	6.70	8
65(6275 MHz)	6.79	8	65(6275 MHz)	6.62	8
69(6295 MHz)	6.77	8	69(6295 MHz)	6.48	8
73(6315 MHz)	6.80	8	73(6315 MHz)	6.63	8
77(6335 MHz)	6.67	8	77(6335 MHz)	6.40	8
81(6355 MHz)	6.54	8	81(6355 MHz)	6.60	8
85(6375 MHz)	6.61	8	85(6375 MHz)	6.59	8
89(6395 MHz)	6.68	8	89(6395 MHz)	6.56	8
93(6415 MHz)	6.94	8	93(6415 MHz)	6.78	8
97(6435 MHz)	6.89	8	97(6435 MHz)	6.81	8
101(6455 MHz)	7.54	8	101(6455 MHz)	7.46	8
105(6475 MHz)	7.45	8	105(6475 MHz)	7.45	8
109(6495 MHz)	7.30	8	109(6495 MHz)	7.42	8
113(6515 MHz)	7.32	8	113(6515 MHz)	7.34	8
117(6535 MHz)	7.18	8	117(6535 MHz)	7.17	8
121(6555 MHz)	7.08	8	121(6555 MHz)	7.19	8
125(6575 MHz)	7.04	8	125(6575 MHz)	7.14	8
129(6595 MHz)	7.13	8	129(6595 MHz)	7.14	8
133(6615 MHz)	7.19	8	133(6615 MHz)	7.26	8
137(6635 MHz)	7.07	8	137(6635 MHz)	7.23	8
141(6655 MHz)	7.23	8	141(6655 MHz)	7.29	8
145(6675 MHz)	7.12	8	145(6675 MHz)	7.15	8
149(6695 MHz)	7.37	8	149(6695 MHz)	7.35	8
153(6715 MHz)	7.29	8	153(6715 MHz)	7.27	8
157(6735 MHz)	7.17	8	157(6735 MHz)	7.29	8
161(6755 MHz)	7.12	8	161(6755 MHz)	7.37	8
165(6775 MHz)	7.31	8	165(6775 MHz)	7.40	8
169(6795 MHz)	7.29	8	169(6795 MHz)	7.36	8
173(6815 MHz)	7.29	8	173(6815 MHz)	7.47	8
177(6835 MHz)	7.34	8	177(6835 MHz)	7.50	8
181(6855 MHz)	7.25	8	181(6855 MHz)	7.44	8
185(6875 MHz)	7.20	8	185(6875 MHz)	7.45	8
189(6895 MHz)	7.07	8	189(6895 MHz)	7.41	8
193(6915 MHz)	7.08	8	193(6915 MHz)	7.32	8
197(6935 MHz)	6.88	8	197(6935 MHz)	7.06	8
201(6955 MHz)	6.65	8	201(6955 MHz)	6.93	8
205(6975 MHz)	6.55	8	205(6975 MHz)	6.79	8
209(6995 MHz)	6.39	8	209(6995 MHz)	6.53	8
213(7015 MHz)	6.39	8	213(7015 MHz)	6.43	8
217(7035 MHz)	6.34	8	217(7035 MHz)	6.62	8
221(7055 MHz)	6.47	8	221(7055 MHz)	6.92	8
225(7075 MHz)	6.56	8	225(7075 MHz)	7.04	8
229(7095 MHz)	6.33	8	229(7095 MHz)	6.41	8
233(7115 MHz)	6.38	8	233(7115 MHz)	6.71	8

802.11ax-40M(dBm)		
Channel\data rate	MCS0	Tune up
3(5965 MHz)	2.42	4
11(5995 MHz)	2.56	4
19(6035MHz)	2.46	4
27(6085 MHz)	2.55	4
35(6125 MHz)	6.64	8
43(6065 MHz)	6.46	8
51(6205 MHz)	6.62	8
59(6245 MHz)	6.49	8
67(6285 MHz)	6.46	8
71(6325 MHz)	6.37	8
83(6365 MHz)	6.57	8
91(6405 MHz)	6.44	8
99(6445 MHz)	6.79	8
107(6485 MHz)	6.98	8
115(6525 MHz)	7.05	8
123(6565 MHz)	7.00	8
131(6605 MHz)	6.94	8
139(6645 MHz)	6.85	8
147(6585 MHz)	6.88	8
155(6725 MHz)	6.99	8
163(6765 MHz)	7.03	8
171(6805 MHz)	7.09	8
179(6845 MHz)	7.09	8
187(6885 MHz)	6.83	8
195(6925 MHz)	6.70	8
203(6965 MHz)	6.47	8
211(7005 MHz)	6.42	8
219(7045 MHz)	6.43	8
227(7085 MHz)	6.50	8

802.11ax-80M(dBm)		
Channel\data rate	MCS0	Tune up
7(5985 MHz)	3.72	4
23(6065 MHz)	3.64	4
39(6145 MHz)	7.74	8
55(6225 MHz)	7.50	8
71(6305 MHz)	7.25	8
87(6385 MHz)	7.39	8
103(6465 MHz)	7.67	8
119(6545 MHz)	7.32	8
135(6625 MHz)	7.28	8
151(6705 MHz)	7.43	8
167(6785 MHz)	7.36	8
183(6865 MHz)	7.37	8
199(6945 MHz)	7.01	8
215(7025 MHz)	6.70	8
802.11ax-160M(dBm)		
Channel\data rate	MCS0	Tune up
15(6025 MHz)	3.84	4
47(6185 MHz)	7.93	8
79(6345 MHz)	7.27	8
111(6505 MHz)	7.78	8
143(6665 MHz)	7.72	8
175(6825 MHz)	7.81	8
207(6985 MHz)	7.43	8

The maximum output power for WiFi 6E ANT9 – (Head simultaneous)

802.11a (dBm)			802.11ax-20M(dBm)		
Channel\data rate	6Mbps	Tune up	Channel\data rate	MCS0	Tune up
1(5955 MHz)	0.47	2	1(5955 MHz)	0.22	2
5(5975 MHz)	0.43	2	5(5975 MHz)	0.19	2
9(5995 MHz)	0.53	2	9(5995 MHz)	0.10	2
13(6015 MHz)	0.76	2	13(6015 MHz)	0.06	2
17(6035 MHz)	0.71	2	17(6035 MHz)	0.25	2
21(6055 MHz)	0.93	2	21(6055 MHz)	0.45	2
25(6075 MHz)	1.08	2	25(6075 MHz)	0.53	2
29(6095 MHz)	1.15	2	29(6095 MHz)	0.55	2
33(6115 MHz)	7.09	8	33(6115 MHz)	6.82	8
37(6135 MHz)	7.03	8	37(6135 MHz)	6.82	8
41(6155 MHz)	7.29	8	41(6155 MHz)	7.04	8
45(6175 MHz)	7.28	8	45(6175 MHz)	7.08	8
49(6195 MHz)	7.10	8	49(6195 MHz)	7.11	8
53(6215 MHz)	7.16	8	53(6215 MHz)	6.87	8
57(6235 MHz)	6.95	8	57(6235 MHz)	6.90	8
61(6255 MHz)	6.85	8	61(6255 MHz)	6.70	8
65(6275 MHz)	6.79	8	65(6275 MHz)	6.62	8
69(6295 MHz)	6.77	8	69(6295 MHz)	6.48	8
73(6315 MHz)	6.80	8	73(6315 MHz)	6.63	8
77(6335 MHz)	6.67	8	77(6335 MHz)	6.40	8
81(6355 MHz)	6.54	8	81(6355 MHz)	6.60	8
85(6375 MHz)	6.61	8	85(6375 MHz)	6.59	8
89(6395 MHz)	6.68	8	89(6395 MHz)	6.56	8
93(6415 MHz)	6.94	8	93(6415 MHz)	6.78	8
97(6435 MHz)	6.89	8	97(6435 MHz)	6.81	8
101(6455 MHz)	7.54	8	101(6455 MHz)	7.46	8
105(6475 MHz)	7.45	8	105(6475 MHz)	7.45	8
109(6495 MHz)	7.30	8	109(6495 MHz)	7.42	8
113(6515 MHz)	7.32	8	113(6515 MHz)	7.34	8
117(6535 MHz)	7.18	8	117(6535 MHz)	7.17	8
121(6555 MHz)	7.08	8	121(6555 MHz)	7.19	8
125(6575 MHz)	7.04	8	125(6575 MHz)	7.14	8
129(6595 MHz)	7.13	8	129(6595 MHz)	7.14	8
133(6615 MHz)	7.19	8	133(6615 MHz)	7.26	8
137(6635 MHz)	7.07	8	137(6635 MHz)	7.23	8
141(6655 MHz)	7.23	8	141(6655 MHz)	7.29	8
145(6675 MHz)	7.12	8	145(6675 MHz)	7.15	8
149(6695 MHz)	7.37	8	149(6695 MHz)	7.35	8
153(6715 MHz)	7.29	8	153(6715 MHz)	7.27	8
157(6735 MHz)	7.17	8	157(6735 MHz)	7.29	8
161(6755 MHz)	7.12	8	161(6755 MHz)	7.37	8
165(6775 MHz)	7.31	8	165(6775 MHz)	7.40	8
169(6795 MHz)	7.29	8	169(6795 MHz)	7.36	8
173(6815 MHz)	7.29	8	173(6815 MHz)	7.47	8
177(6835 MHz)	7.34	8	177(6835 MHz)	7.50	8
181(6855 MHz)	7.25	8	181(6855 MHz)	7.44	8
185(6875 MHz)	7.20	8	185(6875 MHz)	7.45	8
189(6895 MHz)	7.07	8	189(6895 MHz)	7.41	8
193(6915 MHz)	7.08	8	193(6915 MHz)	7.32	8
197(6935 MHz)	6.88	8	197(6935 MHz)	7.06	8
201(6955 MHz)	6.65	8	201(6955 MHz)	6.93	8
205(6975 MHz)	6.55	8	205(6975 MHz)	6.79	8
209(6995 MHz)	6.39	8	209(6995 MHz)	6.53	8
213(7015 MHz)	6.39	8	213(7015 MHz)	6.43	8
217(7035 MHz)	6.34	8	217(7035 MHz)	6.62	8
221(7055 MHz)	6.47	8	221(7055 MHz)	6.92	8
225(7075 MHz)	6.56	8	225(7075 MHz)	7.04	8
229(7095 MHz)	6.33	8	229(7095 MHz)	6.41	8
233(7115 MHz)	6.38	8	233(7115 MHz)	6.71	8

802.11ax-40M(dBm)		
Channel\data rate	MCS0	Tune up
3(5965 MHz)	0.42	2
11(5995 MHz)	0.59	2
19(6035MHz)	0.43	2
27(6085 MHz)	0.53	2
35(6125 MHz)	6.64	8
43(6065 MHz)	6.46	8
51(6205 MHz)	6.62	8
59(6245 MHz)	6.49	8
67(6285 MHz)	6.46	8
71(6325 MHz)	6.37	8
83(6365 MHz)	6.57	8
91(6405 MHz)	6.44	8
99(6445 MHz)	6.79	8
107(6485 MHz)	6.98	8
115(6525 MHz)	7.05	8
123(6565 MHz)	7.00	8
131(6605 MHz)	6.94	8
139(6645 MHz)	6.85	8
147(6585 MHz)	6.88	8
155(6725 MHz)	6.99	8
163(6765 MHz)	7.03	8
171(6805 MHz)	7.09	8
179(6845 MHz)	7.09	8
187(6885 MHz)	6.83	8
195(6925 MHz)	6.70	8
203(6965 MHz)	6.47	8
211(7005 MHz)	6.42	8
219(7045 MHz)	6.43	8
227(7085 MHz)	6.50	8

802.11ax-80M(dBm)		
Channel\data rate	MCS0	Tune up
7(5985 MHz)	1.70	2
23(6065 MHz)	1.65	2
39(6145 MHz)	7.74	8
55(6225 MHz)	7.50	8
71(6305 MHz)	7.25	8
87(6385 MHz)	7.39	8
103(6465 MHz)	7.67	8
119(6545 MHz)	7.32	8
135(6625 MHz)	7.28	8
151(6705 MHz)	7.43	8
167(6785 MHz)	7.36	8
183(6865 MHz)	7.37	8
199(6945 MHz)	7.01	8
215(7025 MHz)	6.70	8
802.11ax-160M(dBm)		
Channel\data rate	MCS0	Tune up
15(6025 MHz)	1.85	2
47(6185 MHz)	7.93	8
79(6345 MHz)	7.27	8
111(6505 MHz)	7.78	8
143(6665 MHz)	7.72	8
175(6825 MHz)	7.81	8
207(6985 MHz)	7.43	8

12 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
TDD PC2	1:2.31

Note1: The data is used for simultaneous transmission

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

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	GSM850	190	836.6	GPRS(3)	Cheek Left	0mm	\	28.52	29.5	0.04	0.05	0.032	0.04	-0.1
0	Head	GSM850	190	836.6	GPRS(3)	Tilt Left	0mm	\	28.52	29.5	0.035	0.04	0.027	0.03	-0.13
0	Head	GSM850	251	848.8	GPRS(3)	Cheek Right	0mm	\	28.15	29.5	0.115	0.16	0.086	0.12	-0.02
0	Head	GSM850	190	836.6	GPRS(3)	Cheek Right	0mm	\	28.52	29.5	0.104	0.13	0.079	0.10	-0.13
0	Head	GSM850	128	824.2	GPRS(3)	Cheek Right	0mm	\	28.38	29.5	0.128	0.17	0.097	0.13	0.05
0	Head	GSM850	190	836.6	GPRS(3)	Tilt Right	0mm	\	28.52	29.5	0.072	0.09	0.057	0.07	-0.13
0	Head	GSM850	128	824.2	EGPRS(3)	Cheek Right	0mm	\	28.41	29.5	0.124	0.16	0.093	0.12	0.07
0	Body	GSM850	190	836.6	GPRS(3)	Front	10mm	\	28.52	29.5	0.261	0.33	0.158	0.20	0.09
0	Body	GSM850	251	848.8	GPRS(3)	Rear	10mm	\	28.15	29.5	0.242	0.33	0.148	0.20	-0.12
0	Body	GSM850	190	836.6	GPRS(3)	Rear	10mm	\	28.52	29.5	0.331	0.41	0.199	0.25	-0.02
0	Body	GSM850	128	824.2	GPRS(3)	Rear	10mm	\	28.38	29.5	0.351	0.45	0.206	0.27	0.03
0	Body	GSM850	190	836.6	GPRS(3)	Right	10mm	\	28.52	29.5	0.25	0.31	0.135	0.17	-0.1
0	Body	GSM850	190	836.6	GPRS(3)	Bottom	10mm	\	28.52	29.5	0.055	0.07	0.031	0.04	-0.03
0	Body	GSM850	128	824.2	EGPRS(3)	Rear	10mm	\	28.41	29.5	0.344	0.44	0.202	0.26	0.03
2	Head	GSM850	251	848.8	GPRS(3)	Cheek Left	0mm	1	26.89	28.5	0.668	0.97	0.352	0.51	0.01
2	Head	GSM850	190	836.6	GPRS(3)	Cheek Left	0mm	\	27.34	28.5	0.43	0.56	0.229	0.30	-0.15
2	Head	GSM850	128	824.2	GPRS(3)	Cheek Left	0mm	\	28.12	28.5	0.512	0.56	0.274	0.30	0.08
2	Head	GSM850	190	836.6	GPRS(3)	Tilt Left	0mm	\	27.34	28.5	0.051	0.07	0.032	0.04	0.07
2	Head	GSM850	190	836.6	GPRS(3)	Cheek Right	0mm	\	27.34	28.5	0.276	0.36	0.15	0.20	-0.13
2	Head	GSM850	190	836.6	GPRS(3)	Tilt Right	0mm	\	27.34	28.5	0.055	0.07	0.035	0.05	0.15
2	Head	GSM850	251	848.8	EGPRS(3)	Cheek Left	0mm	\	27.55	28.5	0.645	0.80	0.341	0.42	0.03
2	Head	GSM850	251	848.8	GPRS(1)	Cheek Left	0mm	Note1	30.2	31.5	0.431	0.58	0.245	0.33	0.02
2	Head	GSM850	190	836.6	GPRS(1)	Cheek Left	0mm	Note1	30.04	31.5	0.339	0.47	0.201	0.28	-0.03
2	Head	GSM850	128	824.2	GPRS(1)	Cheek Left	0mm	Note1	30.21	31.5	0.29	0.39	0.169	0.23	0.05
2	Head	GSM850	190	836.6	GPRS(1)	Tilt Left	0mm	Note1	30.04	31.5	<0.01	<0.01	<0.01	<0.01	\
2	Head	GSM850	190	836.6	GPRS(1)	Cheek Right	0mm	Note1	30.04	31.5	0.213	0.30	0.133	0.19	-0.11
2	Head	GSM850	190	836.6	GPRS(1)	Tilt Right	0mm	Note1	30.04	31.5	0.048	0.07	0.035	0.05	0.03
2	Head	GSM850	251	848.8	EGPRS(1)	Cheek Left	0mm	Note1	30.15	31.5	0.408	0.56	0.231	0.32	0.05
2	Body	GSM850	190	836.6	GPRS(3)	Front	10mm	\	27.34	28.5	0.22	0.29	0.124	0.16	-0.09
2	Body	GSM850	190	836.6	GPRS(3)	Rear	10mm	\	27.34	28.5	0.341	0.45	0.185	0.24	0.03
2	Body	GSM850	251	848.8	GPRS(3)	Left	10mm	2	26.89	28.5	0.503	0.73	0.282	0.41	0.01
2	Body	GSM850	190	836.6	GPRS(3)	Left	10mm	\	27.34	28.5	0.465	0.61	0.239	0.31	-0.02
2	Body	GSM850	128	824.2	GPRS(3)	Left	10mm	\	28.12	28.5	0.445	0.49	0.238	0.26	-0.02
2	Body	GSM850	251	848.8	EGPRS(3)	Left	10mm	\	27.55	28.5	0.487	0.61	0.274	0.34	0.06
1	Head	GSM1900	661	1880	GPRS(2)	Cheek Left	0mm	\	26.48	28	0.031	0.04	0.021	0.03	-0.01
1	Head	GSM1900	661	1880	GPRS(2)	Tilt Left	0mm	\	26.48	28	<0.01	<0.01	<0.01	<0.01	\
1	Head	GSM1900	810	1909.8	GPRS(2)	Cheek Right	0mm	\	26.53	28	0.04	0.06	0.024	0.04	-0.07
1	Head	GSM1900	661	1880	GPRS(2)	Cheek Right	0mm	\	26.48	28	0.042	0.06	0.028	0.04	-0.03
1	Head	GSM1900	512	1850.2	GPRS(2)	Cheek Right	0mm	\	26.45	28	0.05	0.07	0.034	0.05	-0.08
1	Head	GSM1900	661	1880	GPRS(2)	Tilt Right	0mm	\	26.48	28	<0.01	<0.01	<0.01	<0.01	\
1	Head	GSM1900	512	1850.2	EGPRS(2)	Cheek Right	0mm	\	26.59	28	0.044	0.06	0.031	0.04	0.04
1	Body	GSM1900	661	1880	GPRS(2)	Front	15mm	\	26.48	28	0.244	0.35	0.134	0.19	-0.03
1	Body	GSM1900	810	1909.8	GPRS(2)	Rear	18mm	\	26.53	28	0.291	0.41	0.157	0.22	-0.16
1	Body	GSM1900	661	1880	GPRS(2)	Rear	18mm	\	26.48	28	0.276	0.39	0.149	0.21	0.16
1	Body	GSM1900	512	1850.2	GPRS(2)	Rear	18mm	\	26.45	28	0.33	0.47	0.177	0.25	-0.01
1	Body	GSM1900	661	1880	GPRS(2)	Left	10mm	\	26.48	28	0.037	0.05	0.02	0.03	-0.17
1	Body	GSM1900	661	1880	GPRS(2)	Bottom	16mm	\	26.48	28	0.241	0.34	0.14	0.20	-0.1
1	Body	GSM1900	512	1850.2	EGPRS(2)	Rear	18mm	\	26.59	28	0.323	0.45	0.172	0.24	0.03
1	Body	GSM1900	661	1880	GPRS(1)	Front	10mm	\	28.85	30.5	0.343	0.50	0.178	0.26	0.03
1	Body	GSM1900	661	1880	GPRS(1)	Rear	10mm	\	28.85	30.5	0.389	0.57	0.201	0.29	-0.11
1	Body	GSM1900	810	1909.8	GPRS(1)	Bottom	10mm	\	29.07	30.5	0.574	0.80	0.292	0.41	0.05
1	Body	GSM1900	661	1880	GPRS(1)	Bottom	10mm	\	28.85	30.5	0.614	0.90	0.324	0.47	-0.03
1	Body	GSM1900	512	1850.2	GPRS(1)	Bottom	10mm	3	28.98	30.5	0.69	0.98	0.356	0.51	0.02
1	Body	GSM1900	512	1850.2	EGPRS(1)	Bottom	10mm	\	28.86	30.5	0.666	0.97	0.343	0.50	0.06
4	Head	GSM1900	661	1880	GPRS(3)	Cheek Left	0mm	\	23.23	24.5	0.417	0.56	0.226	0.30	-0.16
4	Head	GSM1900	661	1880	GPRS(3)	Tilt Left	0mm	\	23.23	24.5	0.543	0.73	0.283	0.38	0.13
4	Head	GSM1900	810	1909.8	GPRS(3)	Cheek Right	0mm	4	23.19	24.5	0.82	1.11	0.419	0.57	-0.01
4	Head	GSM1900	661	1880	GPRS(3)	Cheek Right	0mm	\	23.23	24.5	0.767	1.03	0.394	0.53	0.06
4	Head	GSM1900	512	1850.2	GPRS(3)	Cheek Right	0mm	\	22.94	24.5	0.666	0.95	0.344	0.49	-0.17
4	Head	GSM1900	810	1909.8	GPRS(3)	Tilt Right	0mm	\	23.19	24.5	0.764	1.03	0.25	0.34	0.05
4	Head	GSM1900	661	1880	GPRS(3)	Tilt Right	0mm	\	23.23	24.5	0.715	0.96	0.235	0.31	0.16
4	Head	GSM1900	512	1850.2	GPRS(3)	Tilt Right	0mm	\	22.94	24.5	0.621	0.89	0.205	0.29	-0.03
4	Head	GSM1900	810	1909.8	EGPRS(3)	Cheek Right	0mm	\	23.1	24.5	0.764	1.05	0.386	0.53	0.06
4	Head	GSM1900	810	1909.8	GPRS(3)	Cheek Right	0mm	SIM2	23.19	24.5	0.805	1.09	0.412	0.56	0.02
4	Head	GSM1900	661	1880	GPRS(1)	Cheek Left	0mm	Note1	26.29	27.5	0.203	0.27	0.124	0.16	0.06
4	Head	GSM1900	661	1880	GPRS(1)	Tilt Left	0mm	Note1	26.29	27.5	0.237	0.31	0.14	0.18	-0.05
4	Head	GSM1900	661	1880	GPRS(1)	Cheek Right	0mm	Note1	26.29	27.5	0.322	0.43	0.184	0.24	0.11
4	Head	GSM1900	512	1850.2	GPRS(1)	Tilt Right	0mm	Note1	26.2	27.5	0.42	0.57	0.229	0.31	0.03
4	Head	GSM1900	661	1880	GPRS(1)	Tilt Right	0mm	Note1	26.29	27.5	0.362	0.48	0.188	0.25	0.04
4	Head	GSM1900	810	1909.8	GPRS(1)	Tilt Right	0mm	Note1	26.37	27.5	0.395	0.51	0.208	0.27	-0.02
4	Head	GSM1900	512	1850.2	EGPRS(1)	Tilt Right	0mm	Note1	26.08	27.5	0.398	0.55	0.217	0.30	0.07
4	Body	GSM1900	661	1880	GPRS(1)	Front	10mm	\	30.55	31	0.264	0.29	0.165	0.18	0.09
4	Body	GSM1900	661	1880	GPRS(1)	Rear	10mm	\	30.55	31	0.347	0.38	0.216	0.24	-0.03
4	Body	GSM1900	661	1880	GPRS(1)	Left	10mm	\	30.55	31	0.156	0.17	0.087	0.10	-0.16
4	Body	GSM1900	810	1909.8	GPRS(1)	Top	10mm	\	30.57	31	0.592	0.65	0.341	0.38	-0.13
4	Body	GSM1900	661	1880	GPRS(1)	Top	10mm	\	30.55	31	0.605	0.67	0.343	0.38	0.07
4	Body	GSM1900	512	1850.2	GPRS(1)	Top	10mm	\	30.66	31	0.542	0.59	0.311	0.34	0.05
4	Body	GSM1900	661	1880	EGPRS(1)	Top	10mm	\	30.55	31	0.589	0.65	0.336	0.37	0.06



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	Head	WCDMA1900	9400	1880	RMC	Cheek Left	0mm	\	24.08	25	0.038	0.05	0.024	0.03	-0.01
1	Head	WCDMA1900	9400	1880	RMC	Tilt Left	0mm	\	24.08	25	0.03	0.04	0.019	0.02	-0.06
1	Head	WCDMA1900	9538	1907.6	RMC	Cheek Right	0mm	\	24.05	25	0.053	0.07	0.033	0.04	-0.01
1	Head	WCDMA1900	9400	1880	RMC	Cheek Right	0mm	\	24.08	25	0.101	0.12	0.062	0.08	0.07
1	Head	WCDMA1900	9262	1852.4	RMC	Cheek Right	0mm	\	24.01	25	0.104	0.13	0.065	0.08	-0.07
1	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	\	24.08	25	0.073	0.09	0.045	0.06	0.15
1	Body	WCDMA1900	9400	1880	RMC	Front	15mm	\	24.08	25	0.45	0.56	0.244	0.30	-0.13
1	Body	WCDMA1900	9400	1880	RMC	Rear	18mm	\	24.08	25	0.394	0.49	0.221	0.27	-0.1
1	Body	WCDMA1900	9400	1880	RMC	Left	10mm	\	24.08	25	0.069	0.09	0.037	0.05	-0.14
1	Body	WCDMA1900	9538	1907.6	RMC	Bottom	16mm	\	24.05	25	0.596	0.74	0.345	0.43	0.07
1	Body	WCDMA1900	9400	1880	RMC	Bottom	16mm	\	24.08	25	0.472	0.58	0.265	0.33	0.12
1	Body	WCDMA1900	9262	1852.4	RMC	Bottom	16mm	5	24.01	25	0.645	0.81	0.37	0.46	-0.01
1	Body	WCDMA1900	9400	1880	RMC	Front	10mm	\	19.72	21	0.083	0.11	0.041	0.06	-0.12
1	Body	WCDMA1900	9400	1880	RMC	Rear	10mm	\	19.72	21	0.101	0.14	0.05	0.07	0.03
1	Body	WCDMA1900	9538	1907.6	RMC	Bottom	10mm	\	19.75	21	0.309	0.41	0.158	0.21	-0.07
1	Body	WCDMA1900	9400	1880	RMC	Bottom	10mm	\	19.72	21	0.176	0.24	0.091	0.12	0.11
1	Body	WCDMA1900	9262	1852.4	RMC	Bottom	10mm	\	19.74	21	0.362	0.48	0.188	0.25	0.01
4	Head	WCDMA1900	9400	1880	RMC	Cheek Left	0mm	\	18.12	19.5	0.15	0.21	0.075	0.10	0.03
4	Head	WCDMA1900	9400	1880	RMC	Tilt Left	0mm	\	18.12	19.5	0.151	0.21	0.078	0.11	-0.03
4	Head	WCDMA1900	9400	1880	RMC	Cheek Right	0mm	\	18.12	19.5	0.329	0.45	0.159	0.22	0.02
4	Head	WCDMA1900	9538	1907.6	RMC	Tilt Right	0mm	\	17.85	19.5	0.323	0.47	0.142	0.21	0.05
4	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	\	18.12	19.5	0.449	0.62	0.203	0.28	0.15
4	Head	WCDMA1900	9262	1852.4	RMC	Tilt Right	0mm	6	18.05	19.5	0.455	0.64	0.206	0.29	0.02
4	Body	WCDMA1900	9538	1907.6	RMC	Front	19mm	\	23.26	25	0.508	0.76	0.291	0.43	0.05
4	Body	WCDMA1900	9400	1880	RMC	Front	19mm	\	23.48	25	0.374	0.53	0.203	0.29	-0.02
4	Body	WCDMA1900	9262	1852.4	RMC	Front	19mm	\	23.36	25	0.421	0.61	0.232	0.34	0.04
4	Body	WCDMA1900	9400	1880	RMC	Rear	26mm	\	23.48	25	0.333	0.47	0.182	0.26	0.06
4	Body	WCDMA1900	9400	1880	RMC	Left	15mm	\	23.48	25	0.295	0.42	0.168	0.24	-0.16
4	Body	WCDMA1900	9400	1880	RMC	Top	24mm	\	23.48	25	0.16	0.23	0.092	0.13	0.11
4	Body	WCDMA1900	9538	1907.6	RMC	Front	10mm	\	23.15	24.5	0.386	0.53	0.217	0.30	0.02
4	Body	WCDMA1900	9400	1880	RMC	Front	10mm	\	23.41	24.5	0.362	0.47	0.204	0.26	0.01
4	Body	WCDMA1900	9262	1852.4	RMC	Front	10mm	\	23.32	24.5	0.358	0.47	0.202	0.27	0.09
4	Body	WCDMA1900	9400	1880	RMC	Rear	10mm	\	23.41	24.5	0.338	0.43	0.191	0.25	0.02
4	Body	WCDMA1900	9400	1880	RMC	Left	10mm	\	23.41	24.5	0.185	0.24	0.107	0.14	-0.09
4	Body	WCDMA1900	9400	1880	RMC	Top	10mm	\	23.41	24.5	0.247	0.32	0.137	0.18	0.1
1	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Left	0mm	\	24.15	25	0.078	0.09	0.047	0.06	0.05
1	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Left	0mm	\	24.15	25	<0.01	<0.01	<0.01	<0.01	\
1	Head	WCDMA 1700	1513	1752.6	RMC	Cheek Right	0mm	\	24.11	25	0.103	0.13	0.07	0.09	0.08
1	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Right	0mm	\	24.15	25	0.091	0.11	0.057	0.07	-0.06
1	Head	WCDMA 1700	1312	1712.4	RMC	Cheek Right	0mm	\	24.13	25	0.073	0.09	0.045	0.05	-0.07
1	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Right	0mm	\	24.15	25	0.056	0.07	0.035	0.04	0.12
1	Body	WCDMA 1700	1513	1752.6	RMC	Front	15mm	\	24.11	25	0.626	0.77	0.376	0.46	-0.1
1	Body	WCDMA 1700	1412	1732.4	RMC	Front	15mm	\	24.15	25	0.605	0.74	0.367	0.45	0.03
1	Body	WCDMA 1700	1312	1712.4	RMC	Front	15mm	\	24.13	25	0.566	0.69	0.345	0.42	-0.12
1	Body	WCDMA 1700	1412	1732.4	RMC	Rear	18mm	\	24.15	25	0.438	0.53	0.278	0.34	0.06
1	Body	WCDMA 1700	1412	1732.4	RMC	Left	10mm	\	24.15	25	0.05	0.06	0.029	0.04	-0.16
1	Body	WCDMA 1700	1513	1752.6	RMC	Bottom	16mm	\	24.11	25	1.07	1.31	0.639	0.78	0.16
1	Body	WCDMA 1700	1412	1732.4	RMC	Bottom	16mm	\	24.15	25	0.945	1.15	0.566	0.69	-0.13
1	Body	WCDMA 1700	1312	1712.4	RMC	Bottom	16mm	7	24.13	25	1.09	1.33	0.634	0.77	-0.03
1	Body	WCDMA 1700	1412	1732.4	RMC	Front	10mm	\	19.14	20.5	0.134	0.18	0.062	0.08	-0.08
1	Body	WCDMA 1700	1412	1732.4	RMC	Rear	10mm	\	19.14	20.5	0.153	0.21	0.069	0.09	-0.14
1	Body	WCDMA 1700	1513	1752.6	RMC	Bottom	10mm	\	19.11	20.5	0.52	0.72	0.225	0.31	0.11
1	Body	WCDMA 1700	1412	1732.4	RMC	Bottom	10mm	\	19.14	20.5	0.579	0.79	0.264	0.36	-0.01
1	Body	WCDMA 1700	1312	1712.4	RMC	Bottom	10mm	\	19.07	20.5	0.196	0.27	0.089	0.12	0.04
4	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Left	0mm	\	19.07	20.5	0.219	0.30	0.122	0.17	0.02
4	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Left	0mm	\	19.07	20.5	0.413	0.57	0.224	0.31	-0.09
4	Head	WCDMA 1700	1513	1752.6	RMC	Cheek Right	0mm	\	18.99	20.5	0.554	0.78	0.289	0.41	-0.11
4	Head	WCDMA 1700	1412	1732.4	RMC	Cheek Right	0mm	8	19.07	20.5	0.567	0.79	0.309	0.43	0.01
4	Head	WCDMA 1700	1312	1712.4	RMC	Cheek Right	0mm	\	18.98	20.5	0.54	0.77	0.294	0.42	-0.06
4	Head	WCDMA 1700	1412	1732.4	RMC	Tilt Right	0mm	\	19.07	20.5	0.364	0.51	0.188	0.26	-0.02
4	Body	WCDMA 1700	1412	1732.4	RMC	Front	10mm	\	23.58	25	0.429	0.59	0.25	0.35	0.11
4	Body	WCDMA 1700	1513	1752.6	RMC	Rear	10mm	\	23.55	25	0.561	0.78	0.319	0.45	0.04
4	Body	WCDMA 1700	1412	1732.4	RMC	Rear	10mm	\	23.58	25	0.628	0.87	0.39	0.54	0.06
4	Body	WCDMA 1700	1312	1712.4	RMC	Rear	10mm	\	23.52	25	0.717	1.01	0.409	0.58	-0.02
4	Body	WCDMA 1700	1412	1732.4	RMC	Left	10mm	\	23.58	25	0.484	0.67	0.254	0.35	-0.14
4	Body	WCDMA 1700	1412	1732.4	RMC	Top	10mm	\	23.58	25	0.529	0.73	0.295	0.41	-0.04
4	Body	WCDMA 1700	1412	1732.4	RMC	Front	10mm	Note1	21.9	23.5	0.197	0.28	0.123	0.18	0.05
4	Body	WCDMA 1700	1513	1752.6	RMC	Rear	10mm	Note1	21.86	23.5	0.198	0.29	0.117	0.17	-0.03
4	Body	WCDMA 1700	1412	1732.4	RMC	Rear	10mm	Note1	21.9	23.5	0.278	0.40	0.164	0.24	-0.05
4	Body	WCDMA 1700	1312	1712.4	RMC	Rear	10mm	Note1	21.95	23.5	0.246	0.35	0.151	0.22	0.11
4	Body	WCDMA 1700	1412	1732.4	RMC	Left	10mm	Note1	21.9	23.5	0.145	0.21	0.085	0.12	0.12
4	Body	WCDMA 1700	1412	1732.4	RMC	Top	10mm	Note1	21.9	23.5	0.208	0.30	0.121	0.17	-0.04

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	WCDMA850	4183	836.6	RMC	Cheek Left	0mm	\	24.6	25	<0.01	<0.01	<0.01	<0.01	\
0	Head	WCDMA850	4183	836.6	RMC	Tilt Left	0mm	\	24.6	25	<0.01	<0.01	<0.01	<0.01	\
0	Head	WCDMA850	4233	846.6	RMC	Cheek Right	0mm	\	24.45	25	0.018	0.02	0.015	0.02	0.08
0	Head	WCDMA850	4183	836.6	RMC	Cheek Right	0mm	\	24.6	25	0.027	0.03	0.022	0.02	0.03
0	Head	WCDMA850	4132	826.4	RMC	Cheek Right	0mm	\	24.56	25	<0.01	<0.01	<0.01	<0.01	\
0	Head	WCDMA850	4183	836.6	RMC	Tilt Right	0mm	\	24.6	25	<0.01	<0.01	<0.01	<0.01	\
0	Body	WCDMA850	4183	836.6	RMC	Front	10mm	\	24.6	25	0.066	0.07	0.022	0.02	0.06
0	Body	WCDMA850	4233	846.6	RMC	Rear	10mm	\	24.45	25	0.063	0.07	0.04	0.05	-0.11
0	Body	WCDMA850	4183	836.6	RMC	Rear	10mm	\	24.6	25	0.069	0.08	0.044	0.05	-0.02
0	Body	WCDMA850	4132	826.4	RMC	Rear	10mm	\	24.56	25	0.067	0.07	0.043	0.05	0.05
0	Body	WCDMA850	4183	836.6	RMC	Right	10mm	\	24.6	25	0.039	0.04	0.022	0.02	-0.05
0	Body	WCDMA850	4183	836.6	RMC	Bottom	10mm	\	24.6	25	<0.01	<0.01	<0.01	<0.01	\
2	Head	WCDMA850	4233	846.6	RMC	Cheek Left	0mm	\	23.07	24	0.715	0.89	0.414	0.51	0.14
2	Head	WCDMA850	4183	836.6	RMC	Cheek Left	0mm	9	23.1	24	0.754	0.93	0.431	0.53	-0.01
2	Head	WCDMA850	4132	826.4	RMC	Cheek Left	0mm	\	23.18	24	0.57	0.69	0.33	0.40	0.03
2	Head	WCDMA850	4183	836.6	RMC	Tilt Left	0mm	\	23.1	24	0.094	0.12	0.065	0.08	0.03
2	Head	WCDMA850	4183	836.6	RMC	Cheek Right	0mm	\	23.1	24	0.399	0.49	0.248	0.31	-0.06
2	Head	WCDMA850	4183	836.6	RMC	Tilt Right	0mm	\	23.1	24	0.086	0.11	0.061	0.08	0.02
2	Head	WCDMA850	4183	836.6	RMC	Cheek Left	0mm	SIM2	23.1	24	0.743	0.91	0.424	0.52	0.05
2	Head	WCDMA850	4233	846.6	RMC	Cheek Left	0mm	Note1	21.02	22.5	0.327	0.46	0.192	0.27	0.03
2	Head	WCDMA850	4183	836.6	RMC	Cheek Left	0mm	Note1	21.05	22.5	0.282	0.39	0.16	0.22	-0.14
2	Head	WCDMA850	4132	826.4	RMC	Cheek Left	0mm	Note1	21.1	22.5	0.339	0.47	0.195	0.27	-0.02
2	Head	WCDMA850	4183	836.6	RMC	Tilt Left	0mm	Note1	23.5	22.5	0.039	0.03	0.026	0.02	-0.14
2	Head	WCDMA850	4183	836.6	RMC	Cheek Right	0mm	Note1	23.5	22.5	0.2	0.16	0.115	0.09	-0.12
2	Head	WCDMA850	4183	836.6	RMC	Tilt Right	0mm	Note1	23.5	22.5	0.036	0.03	0.024	0.02	0.12
2	Body	WCDMA850	4183	836.6	RMC	Front	10mm	\	23.1	24	0.297	0.37	0.185	0.23	0.04
2	Body	WCDMA850	4183	836.6	RMC	Rear	10mm	\	23.1	24	0.334	0.41	0.207	0.25	0.11
2	Body	WCDMA850	4233	846.6	RMC	Left	10mm	\	23.07	24	0.591	0.73	0.334	0.41	0.09
2	Body	WCDMA850	4183	836.6	RMC	Left	10mm	\	23.1	24	0.504	0.62	0.287	0.35	-0.1
2	Body	WCDMA850	4132	826.4	RMC	Left	10mm	10	23.18	24	0.624	0.75	0.364	0.44	0.04



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	Head	LTE Band7	21100	2535	1RB-Md	Cheek Left	0mm	\	23.24	24	0.05	0.06	0.034	0.04	-0.06
1	Head	LTE Band7	21100	2535	1RB-Md	Tilt Left	0mm	\	23.24	24	0.022	0.03	0.014	0.02	-0.01
1	Head	LTE Band7	21100	2535	1RB-Md	Cheek Right	0mm	\	23.24	24	0.056	0.07	0.035	0.04	-0.07
1	Head	LTE Band7	21100	2535	1RB-Md	Tilt Right	0mm	\	23.24	24	0.035	0.04	0.024	0.03	-0.15
1	Head	LTE Band7	21100	2535	50RB-High	Cheek Left	0mm	\	22.24	23	0.039	0.05	0.027	0.03	-0.18
1	Head	LTE Band7	21100	2535	50RB-High	Tilt Left	0mm	\	22.24	23	0.019	0.02	0.012	0.01	-0.01
1	Head	LTE Band7	21100	2535	50RB-High	Cheek Right	0mm	\	22.24	23	0.043	0.05	0.027	0.03	-0.01
1	Head	LTE Band7	21100	2535	50RB-High	Tilt Right	0mm	\	22.24	23	0.028	0.03	0.018	0.02	0.07
1	Head	LTE Band7	21375	2562.5	UL CA_7C	Cheek Right	0mm	\	22.95	24	0.027	0.03	0.017	0.02	-0.05
1	Body	LTE Band7	21100	2535	1RB-Md	Front	15mm	\	23.24	24	0.403	0.48	0.231	0.28	0.05
1	Body	LTE Band7	21350	2560	1RB-Md	Rear	18mm	\	23.13	24	0.433	0.53	0.236	0.29	0.13
1	Body	LTE Band7	21100	2535	1RB-Md	Rear	18mm	\	23.24	24	0.686	0.82	0.345	0.41	-0.02
1	Body	LTE Band7	20850	2510	1RB-Md	Rear	18mm	\	22.97	24	0.509	0.65	0.276	0.35	-0.03
1	Body	LTE Band7	21100	2535	100RB	Rear	18mm	\	22.17	23	0.535	0.65	0.274	0.33	0.06
1	Body	LTE Band7	21100	2535	1RB-Md	Left	10mm	\	23.24	24	0.09	0.11	0.053	0.06	0.01
1	Body	LTE Band7	21100	2535	1RB-Md	Bottom	16mm	\	23.24	24	0.491	0.58	0.275	0.33	0.08
1	Body	LTE Band7	21100	2535	50RB-High	Front	15mm	\	22.24	23	0.33	0.39	0.19	0.23	-0.02
1	Body	LTE Band7	21100	2535	50RB-High	Rear	18mm	\	22.24	23	0.532	0.63	0.266	0.32	0.18
1	Body	LTE Band7	21100	2535	50RB-High	Left	10mm	\	22.24	23	0.042	0.05	0.025	0.03	0.05
1	Body	LTE Band7	21100	2535	50RB-High	Bottom	16mm	\	22.24	23	0.395	0.47	0.227	0.27	0.1
1	Body	LTE Band7	21100	2535	1RB-Low	Front	10mm	\	21.87	22.5	0.367	0.42	0.173	0.20	0.01
1	Body	LTE Band7	21100	2535	1RB-Low	Rear	10mm	\	21.87	22.5	0.465	0.54	0.224	0.26	-0.03
1	Body	LTE Band7	21350	2560	1RB-Low	Bottom	10mm	\	21.84	22.5	0.748	0.87	0.359	0.42	0.09
1	Body	LTE Band7	21100	2535	1RB-Low	Bottom	10mm	\	21.87	22.5	0.687	0.79	0.316	0.37	0.02
1	Body	LTE Band7	20850	2510	1RB-Low	Bottom	10mm	\	21.65	22.5	0.733	0.89	0.342	0.42	0.04
1	Body	LTE Band7	20850	2510	100RB	Bottom	10mm	\	21.84	22.5	0.713	0.83	0.337	0.39	0.18
1	Body	LTE Band7	21100	2535	50RB-Low	Front	10mm	\	21.88	22.5	0.379	0.44	0.179	0.21	0.09
1	Body	LTE Band7	21100	2535	50RB-Low	Rear	10mm	\	21.88	22.5	0.5	0.58	0.241	0.28	0.14
1	Body	LTE Band7	21350	2560	50RB-Low	Bottom	10mm	\	21.86	22.5	0.701	0.81	0.337	0.39	-0.18
1	Body	LTE Band7	21100	2535	50RB-Low	Bottom	10mm	\	21.88	22.5	0.785	0.91	0.379	0.44	0.02
1	Body	LTE Band7	20850	2510	50RB-Low	Bottom	10mm	\	21.79	22.5	0.758	0.89	0.357	0.42	0.11
1	Body	LTE Band7	21100	2535	100RB	Bottom	10mm	\	21.86	22.5	0.763	0.88	0.352	0.41	0.06
1	Body	LTE Band7	21375	2562.5	UL CA_7C	Bottom	10mm	\	21.58	22.5	0.642	0.79	0.301	0.37	-0.07
4	Head	LTE Band7	20850	2510	1RB-Low	Cheek Left	0mm	\	15.97	17	0.317	0.40	0.148	0.19	-0.13
4	Head	LTE Band7	20850	2510	1RB-Low	Tilt Left	0mm	\	15.97	17	0.272	0.34	0.133	0.17	0.12
4	Head	LTE Band7	20850	2510	1RB-Low	Cheek Right	0mm	\	15.97	17	0.488	0.62	0.226	0.29	0.04
4	Head	LTE Band7	20850	2510	1RB-Low	Tilt Right	0mm	\	15.97	17	0.46	0.58	0.221	0.28	-0.12
4	Head	LTE Band7	20850	2510	50RB-Low	Cheek Left	0mm	\	16.03	17	0.275	0.34	0.135	0.17	-0.08
4	Head	LTE Band7	20850	2510	50RB-Low	Tilt Left	0mm	\	16.03	17	0.318	0.40	0.147	0.18	-0.06
4	Head	LTE Band7	20850	2510	50RB-Low	Cheek Right	0mm	\	16.03	17	0.483	0.60	0.233	0.29	0
4	Head	LTE Band7	20850	2510	50RB-Low	Tilt Right	0mm	11	16.03	17	0.51	0.64	0.234	0.29	0.02
4	Body	LTE Band7	21350	2560	1RB-Md	Front	10mm	\	22.63	24	0.802	1.10	0.437	0.60	-0.08
4	Body	LTE Band7	21100	2535	1RB-Low	Front	10mm	\	22.52	24	0.785	1.10	0.429	0.60	0.12
4	Body	LTE Band7	20850	2510	1RB-Low	Front	10mm	\	22.66	24	0.815	1.11	0.444	0.60	-0.16
4	Body	LTE Band7	20850	2510	100RB	Front	10mm	\	21.71	23	0.672	0.90	0.347	0.47	0.17
4	Body	LTE Band7	21350	2560	1RB-Md	Rear	10mm	\	22.63	24	0.74	1.01	0.376	0.52	0.08
4	Body	LTE Band7	21100	2535	1RB-Low	Rear	10mm	\	22.52	24	0.743	1.04	0.378	0.53	0.06
4	Body	LTE Band7	20850	2510	1RB-Low	Rear	10mm	12	22.66	24	0.844	1.15	0.451	0.61	-0.03
4	Body	LTE Band7	20850	2510	100RB	Rear	10mm	\	21.71	23	0.665	0.89	0.352	0.47	0.03
4	Body	LTE Band7	20850	2510	1RB-Low	Left	10mm	\	22.66	24	0.575	0.78	0.318	0.43	-0.04
4	Body	LTE Band7	20850	2510	1RB-Low	Top	10mm	\	22.66	24	0.259	0.35	0.149	0.20	0.06
4	Body	LTE Band7	21350	2560	50RB-Md	Front	10mm	\	21.65	23	0.659	0.90	0.355	0.48	0.13
4	Body	LTE Band7	21100	2535	50RB-High	Front	10mm	\	21.56	23	0.645	0.90	0.349	0.49	0.12
4	Body	LTE Band7	20850	2510	50RB-Md	Front	10mm	\	21.68	23	0.67	0.91	0.361	0.49	-0.05
4	Body	LTE Band7	21350	2560	50RB-Md	Rear	10mm	\	21.65	23	0.595	0.81	0.303	0.41	0.15
4	Body	LTE Band7	21100	2535	50RB-High	Rear	10mm	\	21.56	23	0.598	0.83	0.305	0.42	0.07
4	Body	LTE Band7	20850	2510	50RB-Md	Rear	10mm	\	21.68	23	0.679	0.92	0.364	0.49	-0.02
4	Body	LTE Band7	20850	2510	50RB-Md	Left	10mm	\	21.68	23	0.465	0.63	0.258	0.35	-0.04
4	Body	LTE Band7	20850	2510	50RB-Md	Top	10mm	\	21.68	23	0.275	0.37	0.137	0.19	0.09
4	Body	LTE Band7	20850	2510	1RB-Low	Front	10mm	Note1	20.47	22	0.408	0.58	0.226	0.32	-0.01
4	Body	LTE Band7	20850	2510	1RB-Low	Rear	10mm	Note1	20.47	22	0.365	0.52	0.207	0.29	-0.12
4	Body	LTE Band7	20850	2510	1RB-Low	Left	10mm	Note1	20.47	22	0.31	0.44	0.175	0.25	0.01
4	Body	LTE Band7	20850	2510	1RB-Low	Top	10mm	Note1	20.47	22	0.15	0.21	0.080	0.11	-0.07
4	Body	LTE Band7	20850	2510	50RB-Md	Front	10mm	Note1	20.59	22	0.34	0.47	0.198	0.27	0.03
4	Body	LTE Band7	20850	2510	50RB-Md	Rear	10mm	Note1	20.59	22	0.366	0.51	0.212	0.29	-0.07
4	Body	LTE Band7	20850	2510	50RB-Md	Left	10mm	Note1	20.59	22	0.297	0.41	0.163	0.23	-0.18
4	Body	LTE Band7	20850	2510	50RB-Md	Top	10mm	Note1	20.59	22	0.164	0.23	0.082	0.11	0.12

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	LTE Band12	23130	711	1RB-Low	Cheek Left	0mm	\	24.08	25	0.167	0.21	0.113	0.14	0.12
0	Head	LTE Band12	23130	711	1RB-Low	Tilt Left	0mm	\	24.08	25	0.09	0.11	0.066	0.08	-0.09
0	Head	LTE Band12	23130	711	1RB-Low	Cheek Right	0mm	\	24.08	25	0.239	0.30	0.195	0.24	-0.08
0	Head	LTE Band12	23130	711	1RB-Low	Tilt Right	0mm	\	24.08	25	0.15	0.19	0.109	0.13	0.11
0	Head	LTE Band12	23130	711	25RB-High	Cheek Left	0mm	\	23.09	24	0.126	0.16	0.087	0.11	-0.07
0	Head	LTE Band12	23130	711	25RB-High	Tilt Left	0mm	\	23.09	24	0.072	0.09	0.054	0.07	0.12
0	Head	LTE Band12	23130	711	25RB-High	Cheek Right	0mm	\	23.09	24	0.19	0.23	0.138	0.17	0.08
0	Head	LTE Band12	23130	711	25RB-High	Tilt Right	0mm	\	23.09	24	0.124	0.15	0.090	0.11	-0.07
0	Body	LTE Band12	23130	711	1RB-Low	Front	10mm	\	24.08	25	0.297	0.37	0.189	0.23	0.13
0	Body	LTE Band12	23130	711	1RB-Low	Rear	10mm	\	24.08	25	0.32	0.40	0.205	0.25	0.02
0	Body	LTE Band12	23130	711	1RB-Low	Right	10mm	\	24.08	25	0.301	0.37	0.172	0.21	0.17
0	Body	LTE Band12	23130	711	1RB-Low	Bottom	10mm	\	24.08	25	0.12	0.15	0.073	0.09	0.03
0	Body	LTE Band12	23130	711	25RB-High	Front	10mm	\	23.09	24	0.247	0.30	0.158	0.19	-0.01
0	Body	LTE Band12	23130	711	25RB-High	Rear	10mm	\	23.09	24	0.276	0.34	0.171	0.21	0.03
0	Body	LTE Band12	23130	711	25RB-High	Right	10mm	\	23.09	24	0.243	0.30	0.145	0.18	0.08
0	Body	LTE Band12	23130	711	25RB-High	Bottom	10mm	\	23.09	24	0.082	0.10	0.049	0.06	-0.14
2	Head	LTE Band12	23130	711	1RB-Low	Cheek Left	0mm	13	19.84	20	0.45	0.47	0.256	0.27	0.01
2	Head	LTE Band12	23130	711	1RB-Low	Tilt Left	0mm	\	19.84	20	0.065	0.07	0.049	0.05	0.08
2	Head	LTE Band12	23130	711	1RB-Low	Cheek Right	0mm	\	19.84	20	0.3	0.31	0.19	0.20	-0.13
2	Head	LTE Band12	23130	711	1RB-Low	Tilt Right	0mm	\	19.84	20	0.092	0.10	0.066	0.07	-0.14
2	Head	LTE Band12	23130	711	25RB-Mid	Cheek Left	0mm	\	18.28	19	0.331	0.39	0.189	0.22	-0.1
2	Head	LTE Band12	23130	711	25RB-Mid	Tilt Left	0mm	\	18.28	19	0.049	0.06	0.035	0.04	-0.01
2	Head	LTE Band12	23130	711	25RB-Mid	Cheek Right	0mm	\	18.28	19	0.211	0.25	0.134	0.16	0.18
2	Head	LTE Band12	23130	711	25RB-Mid	Tilt Right	0mm	\	18.28	19	0.065	0.08	0.046	0.05	0.07
2	Body	LTE Band12	23130	711	1RB-Low	Front	10mm	\	19.84	20	0.269	0.28	0.183	0.19	-0.12
2	Body	LTE Band12	23130	711	1RB-Low	Rear	10mm	\	19.84	20	0.288	0.30	0.189	0.20	0.12
2	Body	LTE Band12	23130	711	1RB-Low	Left	10mm	14	19.84	20	0.392	0.41	0.245	0.25	-0.03
2	Body	LTE Band12	23130	711	25RB-High	Front	10mm	\	18.28	19	0.215	0.25	0.147	0.17	-0.01
2	Body	LTE Band12	23130	711	25RB-High	Rear	10mm	\	18.28	19	0.235	0.28	0.16	0.19	0.09
2	Body	LTE Band12	23130	711	25RB-High	Left	10mm	\	18.28	19	0.316	0.37	0.195	0.23	0.1
0	Head	LTE Band13	23230	782	1RB-Mid	Cheek Left	0mm	\	23.96	25	0.119	0.15	0.096	0.12	-0.03
0	Head	LTE Band13	23230	782	1RB-Mid	Tilt Left	0mm	\	23.96	25	0.091	0.12	0.074	0.09	0.18
0	Head	LTE Band13	23230	782	1RB-Mid	Cheek Right	0mm	\	23.96	25	0.179	0.23	0.139	0.18	-0.09
0	Head	LTE Band13	23230	782	1RB-Mid	Tilt Right	0mm	\	23.96	25	0.114	0.14	0.09	0.11	0.05
0	Head	LTE Band13	23230	782	25RB-High	Cheek Left	0mm	\	22.89	24	0.086	0.11	0.068	0.09	0.14
0	Head	LTE Band13	23230	782	25RB-High	Tilt Left	0mm	\	22.89	24	0.07	0.09	0.056	0.07	-0.07
0	Head	LTE Band13	23230	782	25RB-High	Cheek Right	0mm	\	22.89	24	0.134	0.17	0.103	0.13	0.01
0	Head	LTE Band13	23230	782	25RB-High	Tilt Right	0mm	\	22.89	24	0.086	0.11	0.067	0.09	0.17
0	Body	LTE Band13	23230	782	1RB-Mid	Front	10mm	\	23.96	25	0.153	0.19	0.098	0.12	-0.09
0	Body	LTE Band13	23230	782	1RB-Mid	Rear	10mm	\	23.96	25	0.192	0.24	0.124	0.16	-0.02
0	Body	LTE Band13	23230	782	1RB-Mid	Right	10mm	\	23.96	25	0.146	0.19	0.075	0.10	-0.18
0	Body	LTE Band13	23230	782	1RB-Mid	Bottom	10mm	\	23.96	25	0.075	0.10	0.044	0.06	-0.13
0	Body	LTE Band13	23230	782	25RB-Mid	Front	10mm	\	22.89	24	0.121	0.16	0.078	0.10	0.12
0	Body	LTE Band13	23230	782	25RB-Mid	Rear	10mm	\	22.89	24	0.134	0.17	0.082	0.11	0.13
0	Body	LTE Band13	23230	782	25RB-Mid	Right	10mm	\	22.89	24	0.141	0.18	0.075	0.10	0.09
0	Body	LTE Band13	23230	782	25RB-Mid	Bottom	10mm	\	22.89	24	0.051	0.07	0.031	0.04	-0.02
2	Head	LTE Band13	23230	782	1RB-Low	Cheek Left	0mm	15	19.35	20	0.347	0.40	0.199	0.23	-0.06
2	Head	LTE Band13	23230	782	1RB-Low	Tilt Left	0mm	\	19.35	20	0.051	0.06	0.033	0.04	0.03
2	Head	LTE Band13	23230	782	1RB-Low	Cheek Right	0mm	\	19.35	20	0.246	0.29	0.139	0.16	-0.01
2	Head	LTE Band13	23230	782	1RB-Low	Tilt Right	0mm	\	19.35	20	0.061	0.07	0.039	0.05	-0.14
2	Head	LTE Band13	23230	782	25RB-Mid	Cheek Left	0mm	\	17.94	19	0.274	0.35	0.143	0.18	-0.01
2	Head	LTE Band13	23230	782	25RB-Mid	Tilt Left	0mm	\	17.94	19	0.043	0.05	0.027	0.03	0.13
2	Head	LTE Band13	23230	782	25RB-Mid	Cheek Right	0mm	\	17.94	19	0.196	0.25	0.111	0.14	0.04
2	Head	LTE Band13	23230	782	25RB-Mid	Tilt Right	0mm	\	17.94	19	0.049	0.06	0.031	0.04	-0.08
2	Body	LTE Band13	23230	782	1RB-Low	Front	10mm	\	19.35	20	0.279	0.32	0.181	0.21	-0.04
2	Body	LTE Band13	23230	782	1RB-Low	Rear	10mm	\	19.35	20	0.311	0.36	0.207	0.24	0.08
2	Body	LTE Band13	23230	782	1RB-Low	Left	10mm	16	19.35	20	0.388	0.45	0.238	0.28	-0.01
2	Body	LTE Band13	23230	782	25RB-Low	Front	10mm	\	17.94	19	0.209	0.27	0.138	0.18	-0.13
2	Body	LTE Band13	23230	782	25RB-Low	Rear	10mm	\	17.94	19	0.232	0.30	0.157	0.20	-0.03
2	Body	LTE Band13	23230	782	25RB-Low	Left	10mm	\	17.94	19	0.299	0.38	0.183	0.23	-0.1
0	Head	LTE Band14	23330	793	1RB-Low	Cheek Left	0mm	\	24.16	25	0.039	0.05	0.032	0.04	0.07
0	Head	LTE Band14	23330	793	1RB-Low	Tilt Left	0mm	\	24.16	25	<0.01	<0.01	<0.01	<0.01	\
0	Head	LTE Band14	23330	793	1RB-Low	Cheek Right	0mm	\	24.16	25	0.05	0.06	0.04	0.05	0.07
0	Head	LTE Band14	23330	793	1RB-Low	Tilt Right	0mm	\	24.16	25	0.051	0.06	0.041	0.05	0.04
0	Head	LTE Band14	23330	793	25RB-Mid	Cheek Left	0mm	\	23.25	24	0.028	0.03	0.023	0.03	0.15
0	Head	LTE Band14	23330	793	25RB-Mid	Tilt Left	0mm	\	23.25	24	<0.01	<0.01	<0.01	<0.01	\
0	Head	LTE Band14	23330	793	25RB-Mid	Cheek Right	0mm	\	23.25	24	0.039	0.05	0.031	0.04	0.15
0	Head	LTE Band14	23330	793	25RB-Mid	Tilt Right	0mm	\	23.25	24	0.041	0.05	0.033	0.04	-0.04
0	Body	LTE Band14	23330	793	1RB-Low	Front	10mm	\	24.16	25	0.115	0.14	0.071	0.09	-0.03
0	Body	LTE Band14	23330	793	1RB-Low	Rear	10mm	\	24.16	25	0.125	0.15	0.079	0.10	-0.04
0	Body	LTE Band14	23330	793	1RB-Low	Right	10mm	\	24.16	25	0.116	0.14	0.062	0.08	0.07
0	Body	LTE Band14	23330	793	1RB-Low	Bottom	10mm	\	24.16	25	0.067	0.08	0.038	0.05	0
0	Body	LTE Band14	23330	793	25RB-Mid	Front	10mm	\	23.25	24	0.092	0.11	0.059	0.07	0.12
0	Body	LTE Band14	23330	793	25RB-Mid	Rear	10mm	\	23.25	24	0.101	0.12	0.064	0.08	-0.13
0	Body	LTE Band14	23330	793	25RB-Mid	Right	10mm	\	23.25	24	0.103	0.12	0.067	0.08	0.09
0	Body	LTE Band14	23330	793	25RB-Mid	Bottom	10mm	\	23.25	24	0.059	0.07	0.033	0.04	0.07
2	Head	LTE Band14	23330	793	1RB-Mid	Cheek Left	0mm	17	22.22	23	0.497	0.59	0.279	0.33	0.01
2	Head	LTE Band14	23330	793	1RB-Mid	Tilt Left	0mm	\	22.22	23	0.072	0.09	0.048	0.06	0.08
2	Head	LTE Band14	23330	793	1RB-Mid	Cheek Right	0mm	\	22.22	23	0.322	0.39	0.188	0.22	0.12
2	Head	LTE Band14	23330	793	1RB-Mid	Tilt Right	0mm	\	22.22	23	0.063	0.08	0.043	0.05	-0.05
2	Head	LTE Band14	23330	793	25RB-Mid	Cheek Left	0mm	\	20.75	22	0.325	0.43	0.176	0.23	0.14
2	Head	LTE Band14	23330	793	25RB-Mid	Tilt Left	0mm	\	20.75	22	0.039	0.05	0.027	0.04	-0.02
2	Head	LTE Band14	23330	793	25RB-Mid	Cheek Right	0mm	\	20.75	22	0.201	0.27	0.124	0.17	-0.12
2	Head	LTE Band14	23330	793	25RB-Mid	Tilt Right	0mm	\	20.75	22	0.045	0.06	0.03	0.04	0.03
2	Body	LTE Band14	23330	793	1RB-Mid	Front	10mm	\	22.22	23	0.444	0.53	0.279	0.33	-0.14
2	Body	LTE Band14	23330	793	1RB-Mid	Rear	10mm	\	22.22	23	0.531	0.64	0.331	0.40	-0.09
2	Body	LTE Band14	23330	793	1RB-Mid	Left	10mm	18	22.22	23	0.634	0.76	0.363	0.43	0.03
2	Body	LTE Band14	23330	793	25RB-Mid	Front	10mm	\	20.75	22	0.316	0.42	0.194	0.26	-0.13



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	Head	LTE Band25	26140	1860	1RB-Mid	Cheek Left	0mm	\	24.14	25	0.11	0.13	0.074	0.09	0.07
1	Head	LTE Band25	26140	1860	1RB-Mid	Tilt Left	0mm	\	24.14	25	0.068	0.08	0.044	0.05	-0.03
1	Head	LTE Band25	26140	1860	1RB-Mid	Cheek Right	0mm	\	24.14	25	0.153	0.19	0.1	0.12	-0.03
1	Head	LTE Band25	26140	1860	1RB-Mid	Tilt Right	0mm	\	24.14	25	0.104	0.13	0.066	0.08	-0.15
1	Head	LTE Band25	26140	1860	50RB-Mid	Cheek Left	0mm	\	23.11	24	0.088	0.11	0.058	0.07	0.06
1	Head	LTE Band25	26140	1860	50RB-Mid	Tilt Left	0mm	\	23.11	24	0.056	0.07	0.038	0.05	0.03
1	Head	LTE Band25	26140	1860	50RB-Mid	Cheek Right	0mm	\	23.11	24	0.128	0.16	0.084	0.10	-0.14
1	Head	LTE Band25	26140	1860	50RB-Mid	Tilt Right	0mm	\	23.11	24	0.084	0.10	0.052	0.06	0.01
1	Body	LTE Band25	26590	1905	1RB-Mid	Front	15mm	\	23.84	25	0.585	0.76	0.361	0.47	-0.03
1	Body	LTE Band25	26365	1882.5	1RB-Low	Front	15mm	\	24.1	25	0.634	0.78	0.384	0.47	-0.02
1	Body	LTE Band25	26140	1860	1RB-Mid	Front	15mm	\	24.14	25	0.659	0.80	0.398	0.49	-0.12
1	Body	LTE Band25	26140	1860	100RB	Front	15mm	\	22.8	24	0.411	0.54	0.245	0.32	0.03
1	Body	LTE Band25	26140	1860	1RB-Mid	Rear	18mm	\	24.14	25	0.551	0.67	0.327	0.40	0.06
1	Body	LTE Band25	26140	1860	1RB-Mid	Left	10mm	\	24.14	25	0.137	0.17	0.073	0.09	0.11
1	Body	LTE Band25	26590	1905	1RB-Mid	Bottom	16mm	19	23.84	25	0.91	1.19	0.539	0.70	0.02
1	Body	LTE Band25	26365	1882.5	1RB-Low	Bottom	16mm	\	24.1	25	0.901	1.11	0.523	0.64	-0.08
1	Body	LTE Band25	26140	1860	1RB-Mid	Bottom	16mm	\	24.14	25	0.945	1.15	0.549	0.67	-0.03
1	Body	LTE Band25	26590	1905	100RB	Bottom	16mm	\	22.99	24	0.732	0.92	0.428	0.54	-0.18
1	Body	LTE Band25	26140	1860	50RB-Mid	Front	15mm	\	23.04	24	0.483	0.60	0.29	0.36	-0.1
1	Body	LTE Band25	26140	1860	50RB-Mid	Rear	18mm	\	23.04	24	0.407	0.51	0.243	0.30	-0.14
1	Body	LTE Band25	26140	1860	50RB-Mid	Left	10mm	\	23.11	24	0.112	0.14	0.057	0.07	0.16
1	Body	LTE Band25	26590	1905	50RB-Mid	Bottom	16mm	\	23.04	24	0.725	0.90	0.422	0.53	0.16
1	Body	LTE Band25	26365	1882.5	50RB-Low	Bottom	16mm	\	22.97	24	0.816	1.03	0.462	0.59	-0.03
1	Body	LTE Band25	26140	1860	50RB-Mid	Bottom	16mm	\	23.11	24	0.832	1.02	0.476	0.58	0.13
1	Body	LTE Band25	26140	1860	1RB-Low	Front	10mm	\	19.67	21	0.306	0.42	0.165	0.22	0.04
1	Body	LTE Band25	26140	1860	1RB-Low	Rear	10mm	\	19.67	21	0.368	0.50	0.193	0.26	-0.11
1	Body	LTE Band25	26140	1860	1RB-Low	Bottom	10mm	\	19.67	21	0.536	0.73	0.281	0.38	0.02
1	Body	LTE Band25	26140	1860	50RB-Mid	Front	10mm	\	19.75	21	0.305	0.41	0.163	0.22	0.03
1	Body	LTE Band25	26140	1860	50RB-Mid	Rear	10mm	\	19.75	21	0.38	0.51	0.199	0.27	-0.04
1	Body	LTE Band25	26140	1860	50RB-Mid	Bottom	10mm	\	19.75	21	0.514	0.69	0.285	0.38	0.12
4	Head	LTE Band25	26140	1860	1RB-Mid	Cheek Left	0mm	\	18.23	19.5	0.241	0.32	0.149	0.20	-0.04
4	Head	LTE Band25	26140	1860	1RB-Mid	Tilt Left	0mm	\	18.23	19.5	0.274	0.37	0.167	0.22	-0.13
4	Head	LTE Band25	26140	1860	1RB-Mid	Cheek Right	0mm	\	18.23	19.5	0.483	0.65	0.276	0.37	-0.03
4	Head	LTE Band25	26140	1860	1RB-Mid	Tilt Right	0mm	20	18.23	19.5	0.492	0.66	0.26	0.35	0.02
4	Head	LTE Band25	26140	1860	50RB-High	Cheek Left	0mm	\	18.21	19.5	0.254	0.34	0.153	0.21	-0.18
4	Head	LTE Band25	26140	1860	50RB-High	Tilt Left	0mm	\	18.21	19.5	0.284	0.38	0.174	0.23	0.05
4	Head	LTE Band25	26140	1860	50RB-High	Cheek Right	0mm	\	18.21	19.5	0.479	0.64	0.269	0.36	-0.17
4	Head	LTE Band25	26140	1860	50RB-High	Tilt Right	0mm	\	18.21	19.5	0.477	0.64	0.25	0.34	-0.04
4	Body	LTE Band25	26140	1860	1RB-Mid	Front	19mm	\	24.18	25	0.627	0.76	0.369	0.45	-0.16
4	Body	LTE Band25	26140	1860	1RB-Mid	Tilt Left	26mm	\	24.18	25	0.514	0.62	0.306	0.37	-0.07
4	Body	LTE Band25	26140	1860	1RB-Mid	Left	15mm	\	24.18	25	0.351	0.42	0.192	0.23	0.05
4	Body	LTE Band25	26140	1860	1RB-Mid	Top	24mm	\	24.18	25	0.656	0.79	0.399	0.48	0.03
4	Body	LTE Band25	26140	1860	50RB-Mid	Front	19mm	\	23.16	24	0.524	0.64	0.309	0.37	0.07
4	Body	LTE Band25	26140	1860	50RB-Mid	Rear	26mm	\	23.16	24	0.406	0.49	0.246	0.30	0.01
4	Body	LTE Band25	26140	1860	50RB-Mid	Left	15mm	\	23.16	24	0.25	0.30	0.14	0.17	-0.04
4	Body	LTE Band25	26140	1860	50RB-Mid	Top	24mm	\	23.16	24	0.538	0.65	0.326	0.40	-0.03
4	Body	LTE Band25	26140	1860	1RB-High	Front	10mm	\	23.15	24.5	0.43	0.59	0.255	0.35	0.11
4	Body	LTE Band25	26590	1905	1RB-Mid	Rear	10mm	\	22.96	24.5	0.586	0.84	0.323	0.46	0.05
4	Body	LTE Band25	26365	1882.5	1RB-Mid	Rear	10mm	\	23.08	24.5	0.581	0.81	0.331	0.46	-0.1
4	Body	LTE Band25	26140	1860	1RB-High	Rear	10mm	\	23.15	24.5	0.61	0.83	0.341	0.47	-0.08
4	Body	LTE Band25	26140	1860	1RB-High	Left	10mm	\	23.15	24.5	0.357	0.49	0.182	0.25	-0.12
4	Body	LTE Band25	26590	1905	1RB-Mid	Top	10mm	\	22.96	24.5	0.744	1.06	0.402	0.57	-0.06
4	Body	LTE Band25	26365	1882.5	1RB-Mid	Top	10mm	\	23.08	24.5	0.737	1.02	0.412	0.57	0.04
4	Body	LTE Band25	26140	1860	1RB-High	Top	10mm	\	23.15	24.5	0.774	1.06	0.424	0.58	0.01
4	Body	LTE Band25	26140	1860	50RB-Mid	Front	10mm	\	23.25	24.5	0.473	0.63	0.274	0.37	-0.02
4	Body	LTE Band25	26590	1905	50RB-High	Rear	10mm	\	23.23	24.5	0.587	0.79	0.331	0.44	-0.08
4	Body	LTE Band25	26365	1882.5	50RB-Low	Rear	10mm	\	22.96	24.5	0.574	0.82	0.324	0.46	0.03
4	Body	LTE Band25	26140	1860	50RB-Mid	Rear	10mm	\	23.25	24.5	0.609	0.81	0.338	0.45	-0.06
4	Body	LTE Band25	26590	1905	100RB	Rear	10mm	\	23.18	24.5	0.565	0.77	0.32	0.43	-0.07
4	Body	LTE Band25	26140	1860	50RB-Mid	Left	10mm	\	22.91	24.5	0.295	0.43	0.154	0.22	0.05
4	Body	LTE Band25	26590	1905	50RB-High	Top	10mm	\	23.23	24.5	0.891	1.19	0.5	0.67	0.01
4	Body	LTE Band25	26365	1882.5	50RB-Low	Top	10mm	\	22.96	24.5	0.732	1.04	0.384	0.55	-0.17
4	Body	LTE Band25	26140	1860	50RB-Mid	Top	10mm	\	23.25	24.5	0.71	0.95	0.403	0.54	-0.04
4	Body	LTE Band25	26590	1905	100RB	Top	10mm	\	23.18	24.5	0.874	1.18	0.492	0.67	0.06
4	Body	LTE Band25	26140	1860	1RB-Mid	Front	10mm	Note1	21.42	23	0.243	0.35	0.153	0.22	0.15
4	Body	LTE Band25	26140	1860	1RB-Mid	Rear	10mm	Note1	21.42	23	0.343	0.49	0.206	0.30	-0.09
4	Body	LTE Band25	26140	1860	1RB-Mid	Left	10mm	Note1	21.42	23	0.211	0.30	0.117	0.17	0.17
4	Body	LTE Band25	26140	1860	1RB-Mid	Top	10mm	Note1	21.42	23	0.426	0.61	0.249	0.36	-0.16
4	Body	LTE Band25	26140	1860	50RB-High	Front	10mm	Note1	21.42	23	0.266	0.38	0.165	0.24	0.08
4	Body	LTE Band25	26140	1860	50RB-High	Rear	10mm	Note1	21.42	23	0.334	0.48	0.207	0.30	0.03
4	Body	LTE Band25	26140	1860	50RB-High	Left	10mm	Note1	21.42	23	0.166	0.24	0.093	0.13	-0.13
4	Body	LTE Band25	26140	1860	50RB-High	Top	10mm	Note1	21.42	23	0.508	0.73	0.294	0.42	0.04

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	LTE Band26	26965	841.5	1RB-Low	Cheek Left	0mm	\	23.78	25	0.136	0.18	0.100	0.13	-0.1
0	Head	LTE Band26	26965	841.5	1RB-Low	Tilt Left	0mm	\	23.78	25	0.118	0.16	0.088	0.12	0.05
0	Head	LTE Band26	26965	841.5	1RB-Low	Cheek Right	0mm	\	23.78	25	0.267	0.35	0.203	0.27	-0.03
0	Head	LTE Band26	26965	841.5	1RB-Low	Tilt Right	0mm	\	23.78	25	0.154	0.20	0.114	0.15	0.07
0	Head	LTE Band26	26965	841.5	36RB-High	Cheek Left	0mm	\	22.94	24	0.075	0.10	0.056	0.07	-0.16
0	Head	LTE Band26	26965	841.5	36RB-High	Tilt Left	0mm	\	22.94	24	0.073	0.09	0.055	0.07	0.03
0	Head	LTE Band26	26965	841.5	36RB-High	Cheek Right	0mm	\	22.94	24	0.205	0.26	0.146	0.19	-0.18
0	Head	LTE Band26	26965	841.5	36RB-High	Tilt Right	0mm	\	22.94	24	0.108	0.14	0.080	0.10	-0.06
0	Body	LTE Band26	26965	841.5	1RB-Low	Front	10mm	\	23.78	25	0.676	0.90	0.382	0.51	-0.03
0	Body	LTE Band26	26965	841.5	1RB-Low	Rear	10mm	21	23.78	25	0.823	1.09	0.478	0.63	0.01
0	Body	LTE Band26	26865	831.5	1RB-Low	Rear	10mm	\	23.67	25	0.787	1.07	0.441	0.60	-0.09
0	Body	LTE Band26	26775	822.5	1RB-Low	Rear	10mm	\	23.69	25	0.673	0.91	0.374	0.51	-0.04
0	Body	LTE Band26	26965	841.5	75RB	Rear	10mm	\	22.87	24	0.663	0.86	0.369	0.48	-0.13
0	Body	LTE Band26	26965	841.5	1RB-Low	Right	10mm	\	23.78	25	0.511	0.68	0.260	0.34	-0.18
0	Body	LTE Band26	26965	841.5	1RB-Low	Bottom	10mm	\	23.78	25	0.377	0.50	0.185	0.25	0.16
0	Body	LTE Band26	26965	841.5	36RB-High	Front	10mm	\	22.94	24	0.448	0.57	0.252	0.32	-0.03
0	Body	LTE Band26	26965	841.5	36RB-High	Rear	10mm	\	22.94	24	0.524	0.67	0.288	0.37	0.02
0	Body	LTE Band26	26965	841.5	36RB-High	Right	10mm	\	22.94	24	0.373	0.48	0.185	0.24	-0.18
0	Body	LTE Band26	26965	841.5	36RB-High	Bottom	10mm	\	22.94	24	0.284	0.36	0.139	0.18	0.05
0	Body	LTE Band26	26965	841.5	1RB-High	Rear	10mm	Note1	21.63	23.5	0.461	0.71	0.261	0.40	0.03
0	Body	LTE Band26	26965	841.5	1RB-High	Right	10mm	Note1	21.63	23.5	0.248	0.38	0.149	0.23	-0.08
0	Body	LTE Band26	26965	841.5	36RB-High	Rear	10mm	Note1	21.65	23.5	0.395	0.60	0.214	0.33	0.11
0	Body	LTE Band26	26965	841.5	36RB-High	Right	10mm	Note1	21.65	23.5	0.241	0.37	0.136	0.21	0.05
2	Head	LTE Band26	26965	841.5	1RB-Low	Cheek Left	0mm	\	22.24	23	0.641	0.76	0.354	0.42	-0.07
2	Head	LTE Band26	26865	831.5	1RB-Low	Cheek Left	0mm	22	22.21	23	0.647	0.78	0.361	0.43	0.01
2	Head	LTE Band26	26775	822.5	1RB-High	Cheek Left	0mm	\	22.19	23	0.54	0.65	0.298	0.36	-0.06
2	Head	LTE Band26	26965	841.5	1RB-Low	Tilt Left	0mm	\	22.24	23	0.098	0.12	0.064	0.08	-0.02
2	Head	LTE Band26	26965	841.5	1RB-Low	Cheek Right	0mm	\	22.24	23	0.499	0.59	0.286	0.34	-0.16
2	Head	LTE Band26	26965	841.5	1RB-Low	Tilt Right	0mm	\	22.24	23	0.086	0.10	0.057	0.07	-0.08
2	Head	LTE Band26	26965	841.5	36RB-Mid	Cheek Left	0mm	\	21.35	22	0.546	0.63	0.299	0.35	-0.08
2	Head	LTE Band26	26965	841.5	36RB-Mid	Tilt Left	0mm	\	21.35	22	0.08	0.09	0.052	0.06	0.12
2	Head	LTE Band26	26965	841.5	36RB-Mid	Cheek Right	0mm	\	21.35	22	0.36	0.42	0.203	0.24	0.17
2	Head	LTE Band26	26965	841.5	36RB-Mid	Tilt Right	0mm	\	21.35	22	0.07	0.08	0.047	0.05	0.11
2	Head	LTE Band26	26965	841.5	1RB-Low	Cheek Left	0mm	Note1	20.61	22	0.413	0.57	0.235	0.32	-0.07
2	Head	LTE Band26	26965	841.5	1RB-Low	Tilt Left	0mm	Note1	20.61	22	0.063	0.09	0.042	0.06	-0.02
2	Head	LTE Band26	26965	841.5	1RB-Low	Cheek Right	0mm	Note1	20.61	22	0.322	0.44	0.19	0.26	-0.16
2	Head	LTE Band26	26965	841.5	1RB-Low	Tilt Right	0mm	Note1	20.61	22	0.055	0.08	0.038	0.05	-0.08
2	Head	LTE Band26	26965	841.5	36RB-Low	Cheek Left	0mm	Note1	20.65	22	0.394	0.54	0.222	0.30	-0.08
2	Head	LTE Band26	26965	841.5	36RB-Low	Tilt Left	0mm	Note1	20.65	22	0.058	0.08	0.039	0.05	0.12
2	Head	LTE Band26	26965	841.5	36RB-Low	Cheek Right	0mm	Note1	20.65	22	0.26	0.35	0.151	0.21	0.17
2	Head	LTE Band26	26965	841.5	36RB-Low	Tilt Right	0mm	Note1	20.65	22	0.05	0.07	0.035	0.05	0.11
2	Body	LTE Band26	26965	841.5	1RB-Low	Front	10mm	\	22.24	23	0.283	0.34	0.175	0.21	-0.01
2	Body	LTE Band26	26965	841.5	1RB-Low	Rear	10mm	\	22.24	23	0.502	0.60	0.325	0.39	-0.1
2	Body	LTE Band26	26965	841.5	1RB-Low	Left	10mm	\	22.24	23	0.648	0.77	0.382	0.46	0.02
2	Body	LTE Band26	26965	841.5	36RB-High	Front	10mm	\	21.35	22	0.234	0.27	0.148	0.17	0.05
2	Body	LTE Band26	26965	841.5	36RB-High	Rear	10mm	\	21.35	22	0.367	0.43	0.21	0.24	-0.11
2	Body	LTE Band26	26965	841.5	36RB-High	Left	10mm	\	21.35	22	0.509	0.59	0.249	0.29	0.03



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1	Head	LTE B41 PC3	41055	2636.5	1RB-Low	Cheek Left	0mm	\	23.95	24	0.07	0.07	0.042	0.04	0.18
1	Head	LTE B41 PC3	41055	2636.5	1RB-Low	Tilt Left	0mm	\	23.95	24	0.036	0.04	0.021	0.02	-0.05
1	Head	LTE B41 PC3	41055	2636.5	1RB-Low	Cheek Right	0mm	\	23.95	24	0.062	0.06	0.033	0.03	-0.01
1	Head	LTE B41 PC3	41055	2636.5	1RB-Low	Tilt Right	0mm	\	23.95	24	0.066	0.07	0.034	0.03	0.07
1	Head	LTE B41 PC3	41055	2636.5	50RB-Low	Cheek Left	0mm	\	22.49	23	0.05	0.06	0.029	0.03	0.13
1	Head	LTE B41 PC3	41055	2636.5	50RB-Low	Tilt Left	0mm	\	22.49	23	<0.01	<0.01	<0.01	<0.01	\
1	Head	LTE B41 PC3	41055	2636.5	50RB-Low	Cheek Right	0mm	\	22.49	23	0.043	0.05	0.023	0.03	-0.13
1	Head	LTE B41 PC3	41055	2636.5	50RB-Low	Tilt Right	0mm	\	22.49	23	0.045	0.05	0.023	0.03	0.05
1	Head	LTE B41 PC3	41490	2680	UL CA 41C	Cheek Left	0mm	\	23.93	24	0.037	0.04	0.02	0.02	-0.06
1	Head	LTE B41 PC2	41055	2636.5	1RB-Low	Cheek Left	0mm	\	26.26	27	0.089	0.11	0.052	0.06	0.02
1	Head	LTE B41 PC2	41055	2636.5	1RB-Low	Tilt Left	0mm	\	26.26	27	0.04	0.05	0.024	0.03	-0.05
1	Head	LTE B41 PC2	41055	2636.5	1RB-Low	Cheek Right	0mm	\	26.26	27	0.078	0.09	0.042	0.05	-0.01
1	Head	LTE B41 PC2	41055	2636.5	1RB-Low	Tilt Right	0mm	\	26.26	27	0.083	0.10	0.045	0.05	-0.11
1	Head	LTE B41 PC2	41055	2636.5	50RB-Mid	Cheek Left	0mm	\	25.31	26	0.061	0.07	0.035	0.04	0.03
1	Head	LTE B41 PC2	41055	2636.5	50RB-Mid	Tilt Left	0mm	\	25.31	26	<0.01	<0.01	<0.01	<0.01	\
1	Head	LTE B41 PC2	41055	2636.5	50RB-Mid	Cheek Right	0mm	\	25.31	26	0.054	0.06	0.029	0.03	0.06
1	Head	LTE B41 PC2	41055	2636.5	50RB-Mid	Tilt Right	0mm	\	25.31	26	0.055	0.06	0.03	0.04	0.1
1	Body	LTE B41 PC3	41055	2636.5	1RB-Low	Front	15mm	\	23.95	24	0.249	0.25	0.124	0.13	-0.07
1	Body	LTE B41 PC3	41055	2636.5	1RB-Low	Rear	18mm	\	23.95	24	0.421	0.43	0.211	0.21	-0.03
1	Body	LTE B41 PC3	41055	2636.5	1RB-Low	Left	10mm	\	23.95	24	0.369	0.37	0.185	0.19	0.08
1	Body	LTE B41 PC3	41055	2636.5	1RB-Low	Bottom	16mm	\	23.95	24	0.34	0.34	0.18	0.18	0.08
1	Body	LTE B41 PC3	41055	2636.5	50RB-Low	Front	15mm	\	22.49	23	0.176	0.20	0.087	0.10	-0.12
1	Body	LTE B41 PC3	41055	2636.5	50RB-Low	Rear	18mm	\	22.49	23	0.287	0.32	0.146	0.16	0.02
1	Body	LTE B41 PC3	41055	2636.5	50RB-Low	Left	10mm	\	22.49	23	0.04	0.04	0.021	0.02	0.03
1	Body	LTE B41 PC3	41055	2636.5	50RB-Low	Bottom	16mm	\	22.49	23	0.241	0.27	0.128	0.14	-0.13
1	Body	LTE B41 PC3	41490	2680	UL CA 41C	Rear	13mm	\	23.93	24	0.368	0.37	0.181	0.18	0.05
1	Body	LTE B41 PC2	41055	2636.5	1RB-Low	Front	15mm	\	26.26	27	0.363	0.43	0.192	0.23	0.12
1	Body	LTE B41 PC2	41055	2636.5	1RB-Low	Rear	18mm	\	26.26	27	0.558	0.66	0.279	0.33	-0.02
1	Body	LTE B41 PC2	41055	2636.5	1RB-Low	Left	10mm	\	26.26	27	0.136	0.16	0.075	0.09	0.12
1	Body	LTE B41 PC2	41055	2636.5	1RB-Low	Bottom	16mm	\	26.26	27	0.455	0.54	0.241	0.29	0.15
1	Body	LTE B41 PC2	41055	2636.5	50RB-Mid	Front	15mm	\	25.31	26	0.258	0.30	0.138	0.16	0.12
1	Body	LTE B41 PC2	41055	2636.5	50RB-Mid	Rear	18mm	\	25.31	26	0.378	0.44	0.193	0.23	-0.13
1	Body	LTE B41 PC2	41055	2636.5	50RB-Mid	Left	10mm	\	25.31	26	0.071	0.08	0.04	0.05	0.09
1	Body	LTE B41 PC2	41055	2636.5	50RB-Mid	Bottom	16mm	\	25.31	26	0.33	0.39	0.174	0.20	0.06
1	Body	LTE B41 PC3	41055	2636.5	1RB-Low	Front	10mm	\	20.49	22	0.122	0.17	0.057	0.08	0.02
1	Body	LTE B41 PC3	41055	2636.5	1RB-Low	Rear	10mm	\	20.49	22	0.179	0.25	0.076	0.11	-0.06
1	Body	LTE B41 PC3	41055	2636.5	1RB-Low	Bottom	10mm	\	20.49	22	0.239	0.34	0.108	0.15	0.15
1	Body	LTE B41 PC3	41055	2636.5	50RB-Mid	Front	10mm	\	20.41	22	0.116	0.17	0.056	0.08	0.12
1	Body	LTE B41 PC3	41055	2636.5	50RB-Mid	Rear	10mm	\	20.41	22	0.192	0.28	0.076	0.11	-0.02
1	Body	LTE B41 PC3	41055	2636.5	50RB-Mid	Bottom	10mm	\	20.41	22	0.254	0.37	0.116	0.17	-0.02
1	Body	LTE B41 PC2	41055	2636.5	1RB-Low	Front	10mm	\	22.15	23.5	0.175	0.24	0.093	0.13	0.05
1	Body	LTE B41 PC2	41055	2636.5	1RB-Low	Rear	10mm	\	22.15	23.5	0.262	0.36	0.121	0.17	0.11
1	Body	LTE B41 PC2	41055	2636.5	1RB-Low	Bottom	10mm	\	22.15	23.5	0.371	0.51	0.185	0.25	-0.12
1	Body	LTE B41 PC2	41055	2636.5	50RB-Mid	Front	10mm	\	22.12	23.5	0.175	0.24	0.091	0.13	0.07
1	Body	LTE B41 PC2	41055	2636.5	50RB-Mid	Rear	10mm	\	22.12	23.5	0.261	0.36	0.12	0.16	-0.06
1	Body	LTE B41 PC2	41055	2636.5	50RB-Mid	Bottom	10mm	\	22.12	23.5	0.374	0.51	0.19	0.26	-0.01
4	Head	LTE B41 PC3	41055	2636.5	1RB-Low	Cheek Left	0mm	\	18.19	19.6	0.367	0.51	0.171	0.24	0.14
4	Head	LTE B41 PC3	41055	2636.5	1RB-Low	Tilt Left	0mm	\	18.19	19.6	0.419	0.58	0.191	0.26	0.12
4	Head	LTE B41 PC3	41055	2636.5	1RB-Low	Cheek Right	0mm	\	18.19	19.6	0.63	0.87	0.309	0.43	-0.02
4	Head	LTE B41 PC3	41055	2636.5	1RB-Low	Tilt Right	0mm	\	18.19	19.6	0.574	0.79	0.266	0.37	-0.05
4	Head	LTE B41 PC3	41055	2636.5	50RB-Low	Cheek Left	0mm	\	18.25	19.6	0.341	0.47	0.166	0.23	0.11
4	Head	LTE B41 PC3	41055	2636.5	50RB-Low	Tilt Left	0mm	\	18.25	19.6	0.412	0.56	0.19	0.26	0.07
4	Head	LTE B41 PC3	41490	2680	50RB-Low	Cheek Right	0mm	\	18.21	19.6	0.411	0.57	0.214	0.29	0.05
4	Head	LTE B41 PC3	41055	2636.5	50RB-Low	Cheek Right	0mm	23	18.25	19.6	0.645	0.88	0.315	0.43	0.06
4	Head	LTE B41 PC3	40620	2593	50RB-Low	Cheek Right	0mm	\	18.19	19.6	0.48	0.66	0.246	0.34	-0.03
4	Head	LTE B41 PC3	40185	2549.5	50RB-High	Cheek Right	0mm	\	17.96	19.6	0.485	0.71	0.244	0.36	-0.07
4	Head	LTE B41 PC3	39750	2506	50RB-Low	Cheek Right	0mm	\	18.23	19.6	0.501	0.69	0.250	0.34	0.12
4	Head	LTE B41 PC3	41055	2636.5	100RB	Cheek Right	0mm	\	18.15	19.6	0.621	0.87	0.303	0.42	0.09
4	Head	LTE B41 PC3	41055	2636.5	50RB-Low	Tilt Right	0mm	\	18.25	19.6	0.568	0.78	0.264	0.36	-0.12
4	Head	LTE B41 PC2	40620	2593	1RB-Low	Cheek Left	0mm	\	20.65	22	0.311	0.42	0.157	0.21	0.14
4	Head	LTE B41 PC2	40620	2593	1RB-Low	Tilt Left	0mm	\	20.65	22	0.321	0.44	0.153	0.21	-0.09
4	Head	LTE B41 PC2	40620	2593	1RB-Low	Cheek Right	0mm	\	20.65	22	0.505	0.69	0.242	0.33	0.04
4	Head	LTE B41 PC2	40620	2593	1RB-Low	Tilt Right	0mm	\	20.65	22	0.53	0.72	0.247	0.34	-0.01
4	Head	LTE B41 PC2	40620	2593	50RB-Mid	Cheek Left	0mm	\	20.74	22	0.354	0.47	0.169	0.23	-0.05
4	Head	LTE B41 PC2	40620	2593	50RB-Mid	Tilt Left	0mm	\	20.74	22	0.317	0.42	0.153	0.20	-0.17
4	Head	LTE B41 PC2	40620	2593	50RB-Mid	Cheek Right	0mm	\	20.74	22	0.514	0.69	0.258	0.34	-0.11
4	Head	LTE B41 PC2	40620	2593	50RB-Mid	Tilt Right	0mm	\	20.74	22	0.496	0.66	0.238	0.32	-0.16
4	Body	LTE B41 PC3	41055	2636.5	1RB-Low	Front	10mm	\	23.24	24	0.424	0.51	0.23	0.27	-0.07
4	Body	LTE B41 PC3	41055	2636.5	1RB-Low	Rear	10mm	\	23.24	24	0.484	0.58	0.258	0.31	0.01
4	Body	LTE B41 PC3	41055	2636.5	1RB-Low	Left	10mm	\	23.24	24	0.274	0.33	0.15	0.18	-0.08
4	Body	LTE B41 PC3	41055	2636.5	1RB-Low	Top	10mm	\	23.24	24	0.078	0.09	0.043	0.05	0.16
4	Body	LTE B41 PC3	41055	2636.5	50RB-Mid	Front	10mm	\	21.88	23	0.32	0.41	0.173	0.22	0.15
4	Body	LTE B41 PC3	41055	2636.5	50RB-Mid	Rear	10mm	\	21.88	23	0.315	0.41	0.173	0.22	-0.04
4	Body	LTE B41 PC3	41055	2636.5	50RB-Mid	Left	10mm	\	21.88	23	0.199	0.26	0.108	0.14	0.08
4	Body	LTE B41 PC3	41055	2636.5	50RB-Mid	Top	10mm	\	21.88	23	0.071	0.09	0.039	0.05	-0.18
4	Body	LTE B41 PC2	40620	2593	1RB-High	Front	10mm	\	25.85	27	0.586	0.76	0.304	0.40	-0.07
4	Body	LTE B41 PC2	41490	2680	1RB-Low	Rear	10mm	\	25.67	27	0.492	0.67	0.257	0.35	0.07
4	Body	LTE B41 PC2	41055	2636.5	1RB-Low	Rear	10mm	\	25.71	27	0.553	0.74	0.286	0.38	-0.04
4	Body	LTE B41 PC2	40620	2593	1RB-High	Rear	10mm	24	25.85	27	0.611	0.80	0.326	0.42	-0.03
4	Body	LTE B41 PC2	40185	2549.5	1RB-High	Rear	10mm	\	25.66	27	0.574	0.78	0.307	0.42	-0.02
4	Body	LTE B41 PC2	39750	2506	1RB-High	Rear	10mm	\	25.7	27	0.584	0.79	0.31	0.42	0.14
4	Body	LTE B41 PC2	40620	2593	100RB	Rear	10mm	\	24.82	26	0.485	0.64	0.251	0.33	0.07
4	Body	LTE B41 PC2	40620	2593	1RB-Mid	Left	10mm	\	25.85	27	0.383	0.50	0.198	0.26	-0.16
4	Body	LTE B41 PC2	40620	2593	1RB-Mid	Top	10mm	\	25.85	27	0.127	0.17	0.065	0.08	-0.18
4	Body	LTE B41 PC2	40620	2593	50RB-Mid	Front	10mm	\	24.83	26	0.441	0.58	0.224	0.29	-0.13
4	Body														



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Head	LTE B48 PC3	55340	3560	1RB-High	Cheek Left	0mm	\	18.9	20.3	0.232	0.32	0.102	0.14	0.11
5	Head	LTE B48 PC3	55340	3560	1RB-High	Tilt Left	0mm	\	18.9	20.3	0.413	0.57	0.181	0.25	-0.12
5	Head	LTE B48 PC3	55340	3560	1RB-High	Cheek Right	0mm	\	18.9	20.3	0.259	0.36	0.113	0.16	0.15
5	Head	LTE B48 PC3	55340	3560	1RB-High	Tilt Right	0mm	\	18.9	20.3	0.464	0.64	0.184	0.25	-0.1
5	Head	LTE B48 PC3	55340	3560	50RB-High	Cheek Left	0mm	\	18.99	20.3	0.229	0.31	0.102	0.14	-0.16
5	Head	LTE B48 PC3	55340	3560	50RB-High	Tilt Left	0mm	\	18.99	20.3	0.419	0.57	0.184	0.25	-0.01
5	Head	LTE B48 PC3	55340	3560	50RB-High	Cheek Right	0mm	\	18.99	20.3	0.256	0.35	0.111	0.15	-0.14
5	Head	LTE B48 PC3	56640	3690	50RB-High	Tilt Left	0mm	\	18.88	20.3	0.384	0.53	0.146	0.20	0.13
5	Head	LTE B48 PC3	55990	3625	50RB-High	Tilt Right	0mm	\	18.91	20.3	0.577	0.79	0.211	0.29	-0.16
5	Head	LTE B48 PC3	55340	3560	50RB-High	Tilt Right	0mm	\	18.99	20.3	0.773	1.05	0.281	0.38	0.03
5	Head	LTE B48 PC3	55340	3560	100RB	Tilt Right	0mm	\	18.97	20.3	0.763	1.04	0.271	0.37	0.07
5	Head	LTE B48 PC3	55340	3560	UL CA_48C	Tilt Right	0mm	\	18.33	20.3	0.475	0.75	0.174	0.27	-0.07
5	Head	LTE B48 PC3	55340	3560	1RB-Mid	Cheek Left	0mm	Note1	16.69	18.3	0.154	0.22	0.076	0.11	0.02
5	Head	LTE B48 PC3	55340	3560	1RB-Mid	Tilt Left	0mm	Note1	16.69	18.3	0.349	0.51	0.149	0.22	-0.04
5	Head	LTE B48 PC3	55340	3560	1RB-Mid	Cheek Right	0mm	Note1	16.69	18.3	0.157	0.23	0.072	0.10	-0.16
5	Head	LTE B48 PC3	55340	3560	1RB-Mid	Tilt Right	0mm	Note1	16.69	18.3	0.289	0.42	0.12	0.17	-0.15
5	Head	LTE B48 PC3	55340	3560	50RB-Mid	Cheek Left	0mm	Note1	16.87	18.3	0.189	0.26	0.081	0.11	-0.06
5	Head	LTE B48 PC3	55340	3560	50RB-Mid	Tilt Left	0mm	Note1	16.87	18.3	0.338	0.47	0.146	0.20	0.07
5	Head	LTE B48 PC3	55340	3560	50RB-Mid	Cheek Right	0mm	Note1	16.87	18.3	0.167	0.23	0.075	0.10	0.17
5	Head	LTE B48 PC3	56640	3560	50RB-Mid	Tilt Right	0mm	Note1	16.87	18.3	0.339	0.47	0.136	0.19	-0.04
5	Body	LTE B48 PC3	55340	3560	1RB-High	Front	19mm	\	23.64	25	0.47	0.64	0.22	0.30	0.05
5	Body	LTE B48 PC3	56640	3690	1RB-Mid	Rear	26mm	\	23.6	25	0.288	0.40	0.131	0.18	-0.04
5	Body	LTE B48 PC3	55990	3625	1RB-Mid	Rear	26mm	\	23.48	25	0.534	0.76	0.244	0.35	0.15
5	Body	LTE B48 PC3	55340	3560	1RB-High	Rear	26mm	\	23.64	25	0.701	0.96	0.327	0.45	0.04
5	Body	LTE B48 PC3	55340	3560	100RB	Rear	26mm	\	22.7	24	0.514	0.69	0.237	0.32	0.05
5	Body	LTE B48 PC3	55340	3560	1RB-High	Left	15mm	\	23.64	25	0.122	0.17	0.064	0.09	-0.12
5	Body	LTE B48 PC3	55340	3560	1RB-High	Right	10mm	\	23.64	25	0.162	0.22	0.085	0.12	-0.12
5	Body	LTE B48 PC3	56640	3690	1RB-Mid	Top	24mm	\	23.6	25	0.334	0.46	0.16	0.22	-0.08
5	Body	LTE B48 PC3	55990	3625	1RB-Mid	Top	24mm	\	23.48	25	0.473	0.67	0.224	0.32	0.01
5	Body	LTE B48 PC3	55340	3560	1RB-High	Top	24mm	\	23.64	25	0.8	1.09	0.381	0.52	-0.04
5	Body	LTE B48 PC3	55340	3560	100RB	Top	24mm	\	22.7	24	0.584	0.79	0.278	0.38	0.06
5	Body	LTE B48 PC3	55340	3560	50RB-High	Front	19mm	\	22.78	24	0.336	0.44	0.153	0.20	-0.18
5	Body	LTE B48 PC3	55340	3560	50RB-High	Rear	26mm	\	22.78	24	0.509	0.67	0.232	0.31	0.1
5	Body	LTE B48 PC3	55340	3560	50RB-High	Left	15mm	\	22.78	24	0.076	0.10	0.038	0.05	-0.15
5	Body	LTE B48 PC3	55340	3560	50RB-High	Right	10mm	\	22.78	24	0.14	0.19	0.068	0.09	0.01
5	Body	LTE B48 PC3	55340	3560	50RB-High	Top	24mm	\	22.78	24	0.598	0.79	0.28	0.37	0.03
5	Body	LTE B48 PC3	55340	3560	UL CA_48C	Top	24mm	\	23.53	25	0.568	0.80	0.263	0.37	0.07
5	Body	LTE B48 PC3	55340	3560	1RB-High	Front	10mm	\	21.4	23	0.192	0.28	0.083	0.12	0.18
5	Body	LTE B48 PC3	55340	3560	1RB-High	Rear	10mm	\	21.4	23	0.394	0.57	0.167	0.24	0.12
5	Body	LTE B48 PC3	55340	3560	1RB-High	Left	10mm	\	21.4	23	0.076	0.11	0.036	0.05	0.05
5	Body	LTE B48 PC3	55340	3560	1RB-High	Top	10mm	\	21.4	23	0.499	0.72	0.207	0.30	-0.12
5	Body	LTE B48 PC3	55340	3560	50RB-High	Front	10mm	\	21.49	23	0.193	0.27	0.085	0.12	0.08
5	Body	LTE B48 PC3	55340	3560	50RB-High	Rear	10mm	\	21.49	23	0.407	0.58	0.175	0.25	0.07
5	Body	LTE B48 PC3	55340	3560	50RB-High	Left	10mm	\	21.49	23	0.064	0.09	0.031	0.04	-0.06
5	Body	LTE B48 PC3	56640	3690	50RB-High	Top	10mm	\	21.35	23	0.372	0.54	0.149	0.22	0.08
5	Body	LTE B48 PC3	55990	3625	50RB-High	Top	10mm	\	21.38	23	0.604	0.88	0.244	0.35	-0.12
5	Body	LTE B48 PC3	55340	3560	50RB-High	Top	10mm	25	21.55	23	0.997	1.39	0.4	0.56	0.16
5	Body	LTE B48 PC3	55340	3560	100RB	Top	10mm	\	21.49	23	0.971	1.37	0.388	0.55	0.02
5	Body	LTE B48 PC3	55340	3560	50RB-High	Top	10mm	SIM2	21.55	23	0.974	1.36	0.385	0.54	0.06
5	Body	LTE B48 PC3	56640	3690	1RB-Mid	Front	10mm	Note1	19.65	21	0.109	0.15	0.054	0.07	-0.14
5	Body	LTE B48 PC3	56640	3690	1RB-Mid	Rear	10mm	Note1	19.65	21	0.222	0.30	0.111	0.15	0.15
5	Body	LTE B48 PC3	56640	3690	1RB-Mid	Left	10mm	Note1	19.65	21	0.054	0.07	0.028	0.04	0.08
5	Body	LTE B48 PC3	56640	3690	1RB-Mid	Top	10mm	Note1	19.65	21	0.259	0.35	0.124	0.17	0.15
5	Body	LTE B48 PC3	56640	3690	50RB-Low	Front	10mm	Note1	19.64	21	0.111	0.15	0.055	0.08	0.04
5	Body	LTE B48 PC3	56640	3690	50RB-Low	Rear	10mm	Note1	19.64	21	0.247	0.34	0.122	0.17	0.09
5	Body	LTE B48 PC3	56640	3690	50RB-Low	Left	10mm	Note1	19.64	21	0.079	0.11	0.028	0.04	0.17
5	Body	LTE B48 PC3	56640	3690	50RB-Low	Top	10mm	Note1	19.64	21	0.268	0.37	0.13	0.18	0.14



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
7	Head	LTE B48 PC3	56640	3690	1RB-Low	Cheek Left	0mm	\	17.86	19.3	0.701	0.98	0.292	0.41	0.08
7	Head	LTE B48 PC3	55990	3625	1RB-Mid	Cheek Left	0mm	\	17.89	19.3	0.724	1.00	0.309	0.43	-0.05
7	Head	LTE B48 PC3	55340	3560	1RB-Low	Cheek Left	0mm	\	17.96	19.3	0.745	1.01	0.318	0.43	-0.18
7	Head	LTE B48 PC3	55340	3560	1RB-Low	Tilt Left	0mm	\	17.96	19.3	0.747	1.02	0.326	0.44	-0.03
7	Head	LTE B48 PC3	55340	3560	1RB-Low	Cheek Right	0mm	\	17.96	19.3	0.13	0.18	0.059	0.08	-0.02
7	Head	LTE B48 PC3	55340	3560	1RB-Low	Tilt Right	0mm	\	17.96	19.3	0.135	0.18	0.06	0.08	-0.18
7	Head	LTE B48 PC3	56640	3690	50RB-Mid	Cheek Left	0mm	\	17.85	19.3	0.733	1.02	0.301	0.42	0.03
7	Head	LTE B48 PC3	55990	3625	50RB-High	Cheek Left	0mm	\	17.97	19.3	0.757	1.03	0.319	0.43	-0.07
7	Head	LTE B48 PC3	55340	3560	50RB-Mid	Cheek Left	0mm	26	18.06	19.3	0.779	1.04	0.328	0.44	0.03
7	Head	LTE B48 PC3	55340	3560	100RB	Cheek Left	0mm	\	18.07	19.3	0.764	1.01	0.321	0.43	-0.07
7	Head	LTE B48 PC3	56640	3690	50RB-Mid	Tilt Left	0mm	\	17.85	19.3	0.722	1.01	0.295	0.41	0.05
7	Head	LTE B48 PC3	55990	3625	50RB-High	Tilt Left	0mm	\	17.97	19.3	0.745	1.01	0.312	0.42	-0.07
7	Head	LTE B48 PC3	55340	3560	50RB-Mid	Tilt Left	0mm	\	18.06	19.3	0.767	1.02	0.321	0.43	0.15
7	Head	LTE B48 PC3	55340	3560	100RB	Tilt Left	0mm	\	18.07	19.3	0.761	1.01	0.313	0.42	0.02
7	Head	LTE B48 PC3	55340	3560	50RB-Mid	Cheek Right	0mm	\	18.06	19.3	0.153	0.20	0.07	0.09	-0.01
7	Head	LTE B48 PC3	55340	3560	50RB-Mid	Tilt Right	0mm	\	18.06	19.3	0.137	0.18	0.061	0.08	-0.18
7	Head	LTE B48 PC3	56640	3690	1RB-Mid	Cheek Left	0mm	Note1	16.16	17.5	0.431	0.59	0.175	0.24	0.02
7	Head	LTE B48 PC3	56640	3690	1RB-Mid	Tilt Left	0mm	Note1	16.16	17.5	0.405	0.55	0.166	0.23	0.08
7	Head	LTE B48 PC3	56640	3690	1RB-Mid	Cheek Right	0mm	Note1	16.16	17.5	0.103	0.14	0.046	0.06	0.03
7	Head	LTE B48 PC3	56640	3690	1RB-Mid	Tilt Right	0mm	Note1	16.16	17.5	0.096	0.13	0.044	0.06	0.16
7	Head	LTE B48 PC3	56640	3690	50RB-High	Cheek Left	0mm	Note1	16.23	17.5	0.448	0.60	0.188	0.25	0.03
7	Head	LTE B48 PC3	56640	3690	50RB-High	Tilt Left	0mm	Note1	16.23	17.5	0.389	0.52	0.159	0.21	-0.18
7	Head	LTE B48 PC3	56640	3690	50RB-High	Cheek Right	0mm	Note1	16.23	17.5	0.102	0.14	0.046	0.06	0.09
7	Head	LTE B48 PC3	56640	3690	50RB-High	Tilt Right	0mm	Note1	16.23	17.5	0.093	0.12	0.042	0.06	0.1
7	Body	LTE B48 PC3	55340	3560	1RB-Mid	Front	19mm	\	22.96	24.2	0.28	0.37	0.133	0.18	-0.14
7	Body	LTE B48 PC3	55340	3560	1RB-Mid	Rear	26mm	\	22.96	24.2	0.291	0.39	0.139	0.18	-0.04
7	Body	LTE B48 PC3	55340	3560	1RB-Mid	Right	38mm	\	22.96	24.2	0.282	0.38	0.144	0.19	0.16
7	Body	LTE B48 PC3	55340	3560	1RB-Mid	Top	15mm	\	22.96	24.2	0.198	0.26	0.08	0.11	-0.01
7	Body	LTE B48 PC3	55340	3560	50RB-Mid	Front	19mm	\	22.05	23.2	0.231	0.30	0.108	0.14	0.1
7	Body	LTE B48 PC3	55340	3560	50RB-Mid	Rear	26mm	\	22.05	23.2	0.251	0.33	0.121	0.16	-0.15
7	Body	LTE B48 PC3	55340	3560	50RB-Mid	Right	38mm	\	22.05	23.2	0.179	0.23	0.096	0.13	-0.14
7	Body	LTE B48 PC3	55340	3560	50RB-Mid	Top	15mm	\	22.05	23.2	0.164	0.21	0.078	0.10	-0.1
7	Body	LTE B48 PC3	55340	3560	1RB-Low	Front	10mm	\	22.65	24	0.424	0.58	0.185	0.25	-0.07
7	Body	LTE B48 PC3	56640	3690	1RB-Low	Rear	10mm	\	22.3	24	0.548	0.81	0.23	0.34	0.06
7	Body	LTE B48 PC3	55990	3625	1RB-Low	Rear	10mm	\	22.65	24	0.642	0.88	0.275	0.38	0.12
7	Body	LTE B48 PC3	55340	3560	1RB-Low	Rear	10mm	\	22.5	24	0.633	0.89	0.272	0.38	-0.08
7	Body	LTE B48 PC3	55340	3560	100RB	Rear	10mm	\	22.33	24	0.601	0.88	0.253	0.37	0.07
7	Body	LTE B48 PC3	55340	3560	1RB-Low	Right	10mm	\	22.65	24	0.412	0.56	0.192	0.26	-0.01
7	Body	LTE B48 PC3	55340	3560	1RB-Low	Top	10mm	\	22.65	24	0.39	0.53	0.158	0.22	-0.03
7	Body	LTE B48 PC3	55340	3560	50RB-High	Front	10mm	\	22.55	24	0.427	0.60	0.189	0.26	0.18
7	Body	LTE B48 PC3	55340	3560	50RB-High	Rear	10mm	\	22.55	24	0.567	0.79	0.257	0.36	0.14
7	Body	LTE B48 PC3	55340	3560	50RB-High	Right	10mm	\	22.55	24	0.417	0.58	0.198	0.28	-0.02
7	Body	LTE B48 PC3	55340	3560	50RB-High	Top	10mm	\	22.55	24	0.366	0.51	0.162	0.23	-0.17
7	Body	LTE B48 PC3	56640	3690	1RB-Mid	Front	10mm	Note1	21.36	23	0.289	0.42	0.137	0.20	0.15
7	Body	LTE B48 PC3	56640	3690	1RB-Mid	Rear	10mm	Note1	21.36	23	0.409	0.60	0.184	0.27	-0.02
7	Body	LTE B48 PC3	56640	3690	1RB-Mid	Right	10mm	Note1	21.36	23	0.263	0.38	0.125	0.18	0.01
7	Body	LTE B48 PC3	56640	3690	1RB-Mid	Top	10mm	Note1	21.36	23	0.259	0.38	0.121	0.18	0.09
7	Body	LTE B48 PC3	56640	3690	50RB-Mid	Front	10mm	Note1	21.45	23	0.29	0.41	0.135	0.19	0.03
7	Body	LTE B48 PC3	56640	3690	50RB-Mid	Rear	10mm	Note1	21.45	23	0.428	0.61	0.196	0.28	-0.16
7	Body	LTE B48 PC3	56640	3690	50RB-Mid	Right	10mm	Note1	21.45	23	0.268	0.38	0.131	0.19	0.05
7	Body	LTE B48 PC3	56640	3690	50RB-Mid	Top	10mm	Note1	21.45	23	0.224	0.32	0.102	0.15	0.04



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	Head	LTE B48 PC3	55340	3560	1RB-Mid	Cheek Left	0mm	\	14.25	15	0.154	0.18	0.056	0.07	-0.07
4	Head	LTE B48 PC3	55340	3560	1RB-Mid	Tilt Left	0mm	\	14.25	15	0.157	0.19	0.058	0.07	0.15
4	Head	LTE B48 PC3	55340	3560	1RB-Mid	Cheek Right	0mm	\	14.25	15	0.289	0.34	0.101	0.12	-0.05
4	Head	LTE B48 PC3	55340	3560	1RB-Mid	Tilt Right	0mm	\	14.25	15	0.219	0.26	0.077	0.09	0.06
4	Head	LTE B48 PC3	55340	3560	50RB-Mid	Cheek Left	0mm	\	14.29	15	0.142	0.17	0.053	0.06	-0.12
4	Head	LTE B48 PC3	55340	3560	50RB-Mid	Tilt Left	0mm	\	14.29	15	0.148	0.17	0.055	0.06	-0.08
4	Head	LTE B48 PC3	55340	3560	50RB-Mid	Cheek Right	0mm	\	14.29	15	0.299	0.35	0.115	0.14	0.03
4	Head	LTE B48 PC3	55340	3560	50RB-Mid	Tilt Right	0mm	\	14.29	15	0.259	0.30	0.088	0.10	-0.15
4	Body	LTE B48 PC3	55340	3560	1RB-Mid	Front	10mm	\	19.21	19.8	0.156	0.18	0.071	0.08	-0.05
4	Body	LTE B48 PC3	55340	3560	1RB-Mid	Rear	10mm	\	19.21	19.8	0.121	0.14	0.051	0.06	0.1
4	Body	LTE B48 PC3	55340	3560	1RB-Mid	Left	10mm	\	19.21	19.8	0.143	0.16	0.064	0.07	0.01
4	Body	LTE B48 PC3	55340	3560	1RB-Mid	Top	10mm	\	19.21	19.8	0.087	0.10	0.039	0.04	-0.13
4	Body	LTE B48 PC3	55340	3560	50RB-Mid	Front	10mm	\	18.21	18.8	0.125	0.14	0.057	0.07	-0.01
4	Body	LTE B48 PC3	55340	3560	50RB-Mid	Rear	10mm	\	18.21	18.8	0.093	0.11	0.041	0.05	0.04
4	Body	LTE B48 PC3	55340	3560	50RB-Mid	Left	10mm	\	18.21	18.8	0.12	0.14	0.055	0.06	0.03
4	Body	LTE B48 PC3	55340	3560	50RB-Mid	Top	10mm	\	18.21	18.8	0.078	0.09	0.035	0.04	0.07
2	Head	LTE B48 PC3	55340	3560	1RB-High	Cheek Left	0mm	\	18.61	19.8	0.269	0.35	0.126	0.17	-0.05
2	Head	LTE B48 PC3	55340	3560	1RB-High	Tilt Left	0mm	\	18.61	19.8	0.123	0.16	0.054	0.07	0.04
2	Head	LTE B48 PC3	55340	3560	1RB-High	Cheek Right	0mm	\	18.61	19.8	0.553	0.73	0.244	0.32	-0.01
2	Head	LTE B48 PC3	55340	3560	1RB-High	Tilt Right	0mm	\	18.61	19.8	0.231	0.30	0.104	0.14	-0.08
2	Head	LTE B48 PC3	55340	3560	50RB-High	Cheek Left	0mm	\	17.63	18.8	0.23	0.30	0.107	0.14	0.16
2	Head	LTE B48 PC3	55340	3560	50RB-High	Tilt Left	0mm	\	17.63	18.8	0.104	0.14	0.047	0.06	0.03
2	Head	LTE B48 PC3	55340	3560	50RB-High	Cheek Right	0mm	\	17.63	18.8	0.462	0.60	0.204	0.27	-0.05
2	Head	LTE B48 PC3	55340	3560	50RB-High	Tilt Right	0mm	\	17.63	18.8	0.221	0.29	0.097	0.13	-0.18
2	Body	LTE B48 PC3	55340	3560	1RB-High	Front	10mm	\	18.61	19.8	0.093	0.12	0.044	0.06	0.11
2	Body	LTE B48 PC3	55340	3560	1RB-High	Rear	10mm	\	18.61	19.8	0.173	0.23	0.078	0.10	-0.07
2	Body	LTE B48 PC3	55340	3560	1RB-High	Left	10mm	\	18.61	19.8	0.119	0.16	0.052	0.07	0.07
2	Body	LTE B48 PC3	55340	3560	1RB-High	Top	10mm	\	18.61	19.8	0.053	0.07	0.017	0.02	-0.08
2	Body	LTE B48 PC3	55340	3560	50RB-High	Front	10mm	\	17.63	18.8	0.083	0.11	0.038	0.05	0.06
2	Body	LTE B48 PC3	55340	3560	50RB-High	Rear	10mm	\	17.63	18.8	0.106	0.14	0.044	0.06	-0.06
2	Body	LTE B48 PC3	55340	3560	50RB-High	Left	10mm	\	17.63	18.8	0.11	0.14	0.049	0.06	0.12
2	Body	LTE B48 PC3	55340	3560	50RB-High	Top	10mm	\	17.63	18.8	0.073	0.10	0.019	0.02	-0.04
1	Head	LTE Band66	132072	1720	1RB-High	Cheek Left	0mm	\	23.82	25	0.072	0.09	0.048	0.06	0.03
1	Head	LTE Band66	132072	1720	1RB-High	Tilt Left	0mm	\	23.82	25	0.05	0.07	0.031	0.04	-0.12
1	Head	LTE Band66	132072	1720	1RB-High	Cheek Right	0mm	\	23.82	25	0.061	0.08	0.036	0.05	0.05
1	Head	LTE Band66	132072	1720	1RB-High	Tilt Right	0mm	\	23.82	25	0.054	0.07	0.033	0.04	0.13
1	Head	LTE Band66	132072	1720	50RB-Mid	Cheek Left	0mm	\	22.86	24	0.047	0.06	0.030	0.04	-0.07
1	Head	LTE Band66	132072	1720	50RB-Mid	Tilt Left	0mm	\	22.86	24	<-0.01	<-0.01	<-0.01	<-0.01	\
1	Head	LTE Band66	132072	1720	50RB-Mid	Cheek Right	0mm	\	22.86	24	0.042	0.05	0.027	0.04	0.03
1	Head	LTE Band66	132072	1720	50RB-Mid	Tilt Right	0mm	\	22.86	24	<-0.01	<-0.01	<-0.01	<-0.01	\
1	Body	LTE Band66	132072	1720	1RB-High	Front	15mm	\	23.82	25	0.326	0.43	0.176	0.23	0.08
1	Body	LTE Band66	132072	1720	1RB-High	Rear	18mm	\	23.82	25	0.336	0.44	0.182	0.24	0.03
1	Body	LTE Band66	132072	1720	1RB-High	Left	10mm	\	23.82	25	0.061	0.08	0.035	0.05	0.03
1	Body	LTE Band66	132072	1720	1RB-High	Bottom	16mm	\	23.82	25	0.257	0.34	0.145	0.19	0.14
1	Body	LTE Band66	132072	1720	50RB-Mid	Front	15mm	\	22.86	24	0.215	0.28	0.116	0.15	-0.06
1	Body	LTE Band66	132072	1720	50RB-Mid	Rear	18mm	\	22.86	24	0.221	0.29	0.119	0.15	0.13
1	Body	LTE Band66	132072	1720	50RB-Mid	Left	10mm	\	22.86	24	0.04	0.05	0.022	0.03	0.18
1	Body	LTE Band66	132072	1720	50RB-Mid	Bottom	16mm	\	22.86	24	0.186	0.24	0.104	0.14	-0.01
1	Body	LTE Band66	132072	1720	1RB-Mid	Front	10mm	\	18.85	20.5	0.133	0.19	0.069	0.10	0.18
1	Body	LTE Band66	132072	1720	1RB-Mid	Rear	10mm	\	18.85	20.5	0.161	0.24	0.081	0.12	0
1	Body	LTE Band66	132072	1720	1RB-Mid	Bottom	10mm	\	18.85	20.5	0.195	0.29	0.1	0.15	0.17
1	Body	LTE Band66	132072	1720	50RB-Mid	Front	10mm	\	18.84	20.5	0.124	0.18	0.063	0.09	0.05
1	Body	LTE Band66	132072	1720	50RB-Mid	Rear	10mm	\	18.84	20.5	0.156	0.23	0.081	0.12	-0.06
1	Body	LTE Band66	132072	1720	50RB-Mid	Bottom	10mm	\	18.84	20.5	0.215	0.32	0.111	0.16	-0.02
4	Head	LTE Band66	132072	1720	1RB-Low	Cheek Left	0mm	\	19.11	20.5	0.277	0.38	0.157	0.22	-0.11
4	Head	LTE Band66	132072	1720	1RB-Low	Tilt Left	0mm	\	19.11	20.5	0.361	0.50	0.219	0.30	0.05
4	Head	LTE Band66	132072	1720	1RB-Low	Cheek Right	0mm	\	19.11	20.5	0.501	0.69	0.281	0.39	0.07
4	Head	LTE Band66	132072	1720	1RB-Low	Tilt Right	0mm	\	19.11	20.5	0.542	0.75	0.293	0.40	-0.12
4	Head	LTE Band66	132072	1720	50RB-Mid	Cheek Left	0mm	\	19.14	20.5	0.261	0.36	0.149	0.20	0.03
4	Head	LTE Band66	132072	1720	50RB-Mid	Tilt Left	0mm	\	19.14	20.5	0.378	0.52	0.227	0.31	-0.07
4	Head	LTE Band66	132072	1720	50RB-Mid	Cheek Right	0mm	\	19.14	20.5	0.504	0.69	0.284	0.39	0.12
4	Head	LTE Band66	132072	1720	50RB-Mid	Tilt Right	0mm	27	19.14	20.5	0.567	0.78	0.306	0.42	0.04
4	Body	LTE Band66	132072	1720	1RB-Low	Front	19mm	\	23.97	25	0.449	0.57	0.299	0.38	-0.12
4	Body	LTE Band66	132072	1720	1RB-Low	Rear	26mm	\	23.97	25	0.415	0.53	0.265	0.34	-0.06
4	Body	LTE Band66	132072	1720	1RB-Low	Left	15mm	\	23.97	25	0.144	0.18	0.091	0.12	-0.17
4	Body	LTE Band66	132072	1720	1RB-Low	Top	24mm	\	23.97	25	0.477	0.60	0.294	0.37	-0.09
4	Body	LTE Band66	132072	1720	50RB-Mid	Front	19mm	\	22.94	24	0.333	0.43	0.221	0.28	-0.11
4	Body	LTE Band66	132072	1720	50RB-Mid	Rear	26mm	\	22.94	24	0.285	0.36	0.181	0.23	-0.1
4	Body	LTE Band66	132072	1720	50RB-Mid	Left	15mm	\	22.94	24	0.088	0.11	0.054	0.07	-0.09
4	Body	LTE Band66	132072	1720	50RB-Mid	Top	24mm	\	22.94	24	0.363	0.46	0.224	0.29	0.09
4	Body	LTE Band66	132072	1720	1RB-Low	Front	10mm	\	22.34	24	0.339	0.50	0.227	0.33	-0.07
4	Body	LTE Band66	132072	1720	1RB-Low	Rear	10mm	\	22.34	24	0.429	0.63	0.275	0.40	0.06
4	Body	LTE Band66	132072	1720	1RB-Low	Left	10mm	\	22.34	24	0.136	0.20	0.085	0.12	0.15
4	Body	LTE Band66	132572	1770	1RB-Low	Top	10mm	\	22.26	24	0.602	0.90	0.345	0.52	-0.02
4	Body	LTE Band66	132322	1745	1RB-Low	Top	10mm	28	22.29	24	0.664	0.98	0.382	0.57	0.03
4	Body	LTE Band66	132072	1720	1RB-Low	Top	10mm	\	22.34	24	0.657	0.96	0.387	0.57	0.04
4	Body	LTE Band66	132322	1745	100RB	Top	10mm	\	22.2	24	0.634	0.96	0.366	0.55	0.03
4	Body	LTE Band66	132072	1720	50RB-Mid	Front	10mm	\	22.37	24	0.329	0.48	0.218	0.32	0.07
4	Body	LTE Band66	132072	1720	50RB-Mid	Rear	10mm	\	22.37	24	0.442	0.64	0.287	0.42	-0.04
4	Body	LTE Band66	132072	1720	50RB-Mid	Left	10mm	\	22.37	24	0.132	0.19	0.074	0.11	0.13
4	Body	LTE Band66	132572	1770	50RB-Mid	Top	10mm	\	22.28	24	0.634	0.94	0.376	0.56	0.05
4	Body	LTE Band66	132322	1745	50RB-Mid	Top	10mm	\	22.32	24	0.654	0.96	0.378	0.56	-0.14
4	Body	LTE Band66	132072	1720	50RB-Mid	Top	10mm	\	22.37	24	0.652	0.95	0.379	0.55	0.06

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	LTE Band71	133322	683	1RB-Mid	Cheek Left	0mm	\	24.2	25	0.136	0.16	0.099	0.12	-0.06
0	Head	LTE Band71	133322	683	1RB-Mid	Tilt Left	0mm	\	24.2	25	0.088	0.11	0.066	0.08	0.13
0	Head	LTE Band71	133322	683	1RB-Mid	Cheek Right	0mm	\	24.2	25	0.165	0.20	0.134	0.16	-0.03
0	Head	LTE Band71	133322	683	1RB-Mid	Tilt Right	0mm	\	24.2	25	0.114	0.14	0.082	0.10	0.14
0	Head	LTE Band71	133322	683	50RB-Low	Cheek Left	0mm	\	22.87	24	0.124	0.16	0.088	0.11	0.1
0	Head	LTE Band71	133322	683	50RB-Low	Tilt Left	0mm	\	22.87	24	0.068	0.09	0.051	0.07	0.08
0	Head	LTE Band71	133322	683	50RB-Low	Cheek Right	0mm	\	22.87	24	0.147	0.19	0.106	0.14	-0.11
0	Head	LTE Band71	133322	683	50RB-Low	Tilt Right	0mm	\	22.87	24	0.087	0.11	0.064	0.08	0.14
0	Body	LTE Band71	133322	683	1RB-Mid	Front	10mm	\	24.2	25	0.196	0.24	0.122	0.15	-0.11
0	Body	LTE Band71	133322	683	1RB-Mid	Rear	10mm	\	24.2	25	0.211	0.25	0.148	0.18	0.01
0	Body	LTE Band71	133322	683	1RB-Mid	Right	10mm	\	24.2	25	0.171	0.21	0.097	0.12	0.13
0	Body	LTE Band71	133322	683	1RB-Mid	Bottom	10mm	\	24.2	25	0.084	0.10	0.049	0.06	-0.13
0	Body	LTE Band71	133322	683	50RB-Low	Front	10mm	\	22.87	24	0.154	0.20	0.098	0.13	-0.12
0	Body	LTE Band71	133322	683	50RB-Low	Rear	10mm	\	22.87	24	0.164	0.21	0.109	0.14	-0.02
0	Body	LTE Band71	133322	683	50RB-Low	Right	10mm	\	22.87	24	0.154	0.20	0.096	0.12	0.01
0	Body	LTE Band71	133322	683	50RB-Low	Bottom	10mm	\	22.87	24	0.063	0.08	0.036	0.05	-0.12
2	Head	LTE Band71	133322	683	1RB-Low	Cheek Left	0mm	29	19.77	20.5	0.437	0.52	0.249	0.29	-0.12
2	Head	LTE Band71	133322	683	1RB-Low	Tilt Left	0mm	\	19.77	20.5	0.066	0.08	0.047	0.06	0.18
2	Head	LTE Band71	133322	683	1RB-Low	Cheek Right	0mm	\	19.77	20.5	0.4	0.47	0.225	0.27	-0.09
2	Head	LTE Band71	133322	683	1RB-Low	Tilt Right	0mm	\	19.77	20.5	0.065	0.08	0.045	0.05	-0.13
2	Head	LTE Band71	133322	683	50RB-Md	Cheek Left	0mm	\	18.41	19.5	0.322	0.41	0.182	0.23	-0.04
2	Head	LTE Band71	133322	683	50RB-Md	Tilt Left	0mm	\	18.41	19.5	0.047	0.06	0.034	0.04	-0.03
2	Head	LTE Band71	133322	683	50RB-Md	Cheek Right	0mm	\	18.41	19.5	0.298	0.38	0.169	0.22	-0.15
2	Head	LTE Band71	133322	683	50RB-Md	Tilt Right	0mm	\	18.41	19.5	0.049	0.06	0.033	0.04	-0.1
2	Body	LTE Band71	133322	683	1RB-Low	Front	10mm	\	19.77	20.5	0.293	0.35	0.202	0.24	-0.02
2	Body	LTE Band71	133322	683	1RB-Low	Rear	10mm	\	19.77	20.5	0.331	0.39	0.226	0.27	-0.08
2	Body	LTE Band71	133322	683	1RB-Low	Left	10mm	30	19.77	20.5	0.415	0.49	0.261	0.31	-0.02
2	Body	LTE Band71	133322	683	50RB-Md	Front	10mm	\	18.41	19.5	0.196	0.25	0.133	0.17	0.04
2	Body	LTE Band71	133322	683	50RB-Md	Rear	10mm	\	18.41	19.5	0.23	0.30	0.154	0.20	0.18
2	Body	LTE Band71	133322	683	50RB-Md	Left	10mm	\	18.41	19.5	0.264	0.34	0.166	0.21	0.16

12.2 SAR results for 5G NR

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	Head	n7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	\	23.52	24	0.083	0.09	0.047	0.05	-0.01
1	Head	n7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	\	23.52	24	0.044	0.05	0.022	0.02	0.05
1	Head	n7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	\	23.52	24	0.07	0.08	0.036	0.04	-0.12
1	Head	n7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	23.52	24	0.056	0.06	0.029	0.03	0.07
1	Body	n7	507000	2535	DFT-s-OFDM QPSK	Front	15mm	\	23.52	24	0.345	0.39	0.184	0.21	0.05
1	Body	n7	507000	2535	DFT-s-OFDM QPSK	Rear	18mm	\	23.52	24	0.477	0.53	0.249	0.28	0.07
1	Body	n7	507000	2535	DFT-s-OFDM QPSK	Left	10mm	\	23.52	24	0.05	0.06	0.029	0.03	-0.05
1	Body	n7	507000	2535	DFT-s-OFDM QPSK	Bottom	16mm	\	23.52	24	0.439	0.49	0.235	0.26	0.02
1	Body	n7	507000	2535	DFT-s-OFDM QPSK	Front	10mm	\	22.78	23.5	0.306	0.36	0.147	0.17	0.06
1	Body	n7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	\	22.78	23.5	0.462	0.55	0.211	0.25	-0.1
1	Body	n7	513500	2567.5	DFT-s-OFDM QPSK	Bottom	10mm	\	22.69	23.5	0.595	0.72	0.282	0.34	0.05
1	Body	n7	507000	2535	DFT-s-OFDM QPSK	Bottom	10mm	\	22.78	23.5	0.587	0.69	0.295	0.35	-0.07
1	Body	n7	500500	2502.5	DFT-s-OFDM QPSK	Bottom	10mm	31	22.58	23.5	0.631	0.78	0.292	0.36	0.05
1	Body	n7	500500	2502.5	CP-OFDM QPSK	Bottom	10mm	\	22.66	23.5	0.614	0.75	0.278	0.34	0.04
4	Head	n7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	\	16.79	18.1	0.333	0.45	0.151	0.20	0.05
4	Head	n7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	\	16.79	18.1	0.377	0.51	0.165	0.22	-0.11
4	Head	n7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	\	16.64	18.1	0.626	0.88	0.32	0.45	0.03
4	Head	n7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	32	16.79	18.1	0.649	0.88	0.305	0.41	0.06
4	Head	n7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	\	16.67	18.1	0.628	0.87	0.295	0.41	-0.1
4	Head	n7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	16.64	18.1	0.591	0.83	0.277	0.39	0.02
4	Head	n7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	16.79	18.1	0.556	0.75	0.271	0.37	0.05
4	Head	n7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	16.67	18.1	0.578	0.80	0.268	0.37	0.07
4	Head	n7	507000	2535	CP-OFDM QPSK	Cheek Right	0mm	\	16.65	18.1	0.624	0.87	0.284	0.40	-0.04
4	Body	n7	507000	2535	DFT-s-OFDM QPSK	Front	19mm	\	23.07	24	0.42	0.52	0.235	0.29	0.03
4	Body	n7	507000	2535	DFT-s-OFDM QPSK	Rear	26mm	\	23.07	24	0.308	0.38	0.175	0.22	0.06
4	Body	n7	507000	2535	DFT-s-OFDM QPSK	Left	15mm	\	23.07	24	0.235	0.29	0.142	0.18	-0.11
4	Body	n7	507000	2535	DFT-s-OFDM QPSK	Top	24mm	\	23.07	24	0.129	0.16	0.075	0.09	0.07
4	Body	n7	507000	2535	DFT-s-OFDM QPSK	Front	10mm	\	22.11	22.5	0.531	0.58	0.294	0.32	-0.06
4	Body	n7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	\	22.11	22.5	0.543	0.59	0.312	0.34	0.18
4	Body	n7	507000	2535	DFT-s-OFDM QPSK	Left	10mm	\	22.11	22.5	0.419	0.46	0.236	0.26	0.05
4	Body	n7	507000	2535	DFT-s-OFDM QPSK	Top	10mm	\	22.11	22.5	0.355	0.39	0.183	0.20	0.11
1	Head	n25	376500	1882.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	24.28	25	0.103	0.12	0.061	0.07	-0.07
1	Head	n25	376500	1882.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	24.28	25	0.065	0.08	0.039	0.05	-0.02
1	Head	n25	376500	1882.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	24.28	25	0.153	0.18	0.096	0.11	-0.04
1	Head	n25	376500	1882.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	24.28	25	0.104	0.12	0.061	0.07	-0.15
1	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Front	15mm	\	24.28	25	0.562	0.66	0.317	0.37	0.16
1	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Rear	18mm	\	24.28	25	0.636	0.75	0.346	0.41	-0.04
1	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Left	10mm	\	24.28	25	0.066	0.08	0.038	0.04	-0.16
1	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Bottom	16mm	\	24.28	25	0.584	0.69	0.33	0.39	0.11
1	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Front	10mm	\	19.68	21.2	0.334	0.47	0.181	0.26	0.08
1	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Rear	10mm	\	19.68	21.2	0.422	0.60	0.223	0.32	-0.13
1	Body	n25	382500	1912.5	DFT-s-OFDM QPSK	Bottom	10mm	\	19.51	21.2	0.507	0.75	0.275	0.41	0.12
1	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Bottom	10mm	33	19.68	21.2	0.578	0.82	0.302	0.43	0.03
1	Body	n25	370500	1852.5	DFT-s-OFDM QPSK	Bottom	10mm	\	19.65	21.2	0.571	0.82	0.301	0.43	-0.02
1	Body	n25	376500	1882.5	CP-OFDM 16QAM	Bottom	10mm	\	19.56	21.2	0.554	0.81	0.291	0.42	-0.08
4	Head	n25	376500	1882.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	18.74	20	0.364	0.49	0.224	0.30	-0.03
4	Head	n25	376500	1882.5	DFT-s-OFDM QPSK	Tilt Left	0mm	34	18.74	20	0.502	0.67	0.29	0.39	0.13
4	Head	n25	376500	1882.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	18.74	20	0.445	0.59	0.269	0.36	0.02
4	Head	n25	376500	1882.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	18.74	20	0.480	0.64	0.274	0.37	0.15
4	Head	n25	376500	1882.5	CP-OFDM QPSK	Tilt Left	0mm	\	18.66	20	0.474	0.65	0.27	0.37	-0.04
4	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Front	19mm	\	24.01	25	0.352	0.44	0.221	0.28	0.08
4	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Rear	26mm	\	24.01	25	0.295	0.37	0.187	0.23	-0.06
4	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Left	15mm	\	24.01	25	0.149	0.19	0.093	0.12	-0.11
4	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Top	24mm	\	24.01	25	0.327	0.41	0.199	0.25	0.07
4	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Front	10mm	\	21.93	22.5	0.378	0.43	0.229	0.26	-0.08
4	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Rear	10mm	\	21.93	22.5	0.469	0.53	0.292	0.33	-0.05
4	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Left	10mm	\	21.93	22.5	0.271	0.31	0.153	0.17	0.11
4	Body	n25	376500	1882.5	DFT-s-OFDM QPSK	Top	10mm	\	21.93	22.5	0.624	0.71	0.365	0.42	0.03



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	26.81	27	0.13	0.14	0.072	0.08	-0.01
1	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	26.81	27	0.054	0.06	0.032	0.03	-0.09
1	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	26.81	27	0.098	0.10	0.054	0.06	0.12
1	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	26.81	27	0.108	0.11	0.06	0.06	0.04
1	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Front	15mm	\	26.81	27	0.574	0.60	0.292	0.31	0.02
1	Body	n41	537000	2685	DFT-s-OFDM QPSK	Rear	18mm	\	26.72	27	0.679	0.72	0.353	0.38	0.12
1	Body	n41	527799	2639	DFT-s-OFDM QPSK	Rear	18mm	\	26.66	27	0.744	0.80	0.371	0.40	0.02
1	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Rear	18mm	\	26.81	27	0.771	0.81	0.376	0.39	-0.03
1	Body	n41	509406	2547.03	DFT-s-OFDM QPSK	Rear	18mm	\	26.56	27	0.681	0.75	0.338	0.37	0.08
1	Body	n41	500202	2501.01	DFT-s-OFDM QPSK	Rear	18mm	\	26.49	27	0.698	0.78	0.346	0.39	0.11
1	Body	n41	528000	2592.99	DFT-s-OFDM QPSK	Left	10mm	\	26.81	27	0.117	0.12	0.065	0.07	-0.02
1	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Bottom	16mm	\	26.81	27	0.011	0.01	0.066	0.07	0.13
1	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	18.15	19.7	0.09	0.13	0.05	0.07	-0.08
1	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	\	18.15	19.7	0.141	0.20	0.069	0.10	-0.07
1	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Bottom	10mm	\	18.15	19.7	0.234	0.33	0.11	0.16	-0.08
4	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	16.71	17.8	0.3	0.39	0.145	0.19	-0.06
4	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	16.71	17.8	0.332	0.43	0.154	0.20	-0.07
4	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	16.71	17.8	0.618	0.79	0.311	0.40	0.09
4	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	16.71	17.8	0.537	0.69	0.254	0.33	0.11
4	Body	n41	537000	2685	DFT-s-OFDM QPSK	Front	19mm	\	25.91	27	0.598	0.77	0.355	0.46	0.01
4	Body	n41	527799	2639	DFT-s-OFDM QPSK	Front	19mm	\	26.02	27	0.68	0.85	0.392	0.49	-0.03
4	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Front	19mm	\	26.12	27	0.789	0.97	0.434	0.53	0.14
4	Body	n41	509406	2547.03	DFT-s-OFDM QPSK	Front	19mm	\	25.76	27	0.728	0.97	0.4	0.53	-0.13
4	Body	n41	500205	2501.01	DFT-s-OFDM QPSK	Front	19mm	\	25.81	27	0.716	0.94	0.387	0.51	0.04
4	Body	n41	537000	2685	DFT-s-OFDM QPSK	Rear	26mm	\	25.91	27	0.393	0.51	0.231	0.30	-0.09
4	Body	n41	527799	2639	DFT-s-OFDM QPSK	Rear	26mm	\	26.02	27	0.478	0.60	0.275	0.34	0.03
4	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Rear	26mm	\	26.12	27	0.501	0.61	0.285	0.35	0.08
4	Body	n41	509406	2547.03	DFT-s-OFDM QPSK	Rear	26mm	\	25.76	27	0.544	0.72	0.305	0.41	-0.18
4	Body	n41	500205	2501.01	DFT-s-OFDM QPSK	Rear	26mm	\	25.81	27	0.64	0.84	0.368	0.48	0.08
4	Body	n41	528000	2592.99	DFT-s-OFDM QPSK	Left	15mm	\	26.12	27	0.327	0.40	0.19	0.23	0.1
4	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Top	24mm	\	26.12	27	0.155	0.19	0.092	0.11	0.02
4	Body	n41	537000	2685	DFT-s-OFDM QPSK	Front	10mm	\	23.82	25.5	0.484	0.71	0.288	0.42	-0.06
4	Body	n41	527799	2639	DFT-s-OFDM QPSK	Front	10mm	\	24.02	25.5	0.55	0.77	0.317	0.45	0.07
4	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	24.14	25.5	0.639	0.87	0.352	0.48	-0.08
4	Body	n41	509406	2547.03	DFT-s-OFDM QPSK	Front	10mm	\	23.96	25.5	0.59	0.84	0.325	0.46	0.06
4	Body	n41	500205	2501.01	DFT-s-OFDM QPSK	Front	10mm	\	23.94	25.5	0.579	0.83	0.314	0.45	0.16
4	Body	n41	537000	2685	DFT-s-OFDM QPSK	Rear	10mm	\	23.82	25.5	0.496	0.73	0.292	0.43	0.05
4	Body	n41	527799	2639	DFT-s-OFDM QPSK	Rear	10mm	\	24.02	25.5	0.603	0.85	0.349	0.49	-0.12
4	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	\	24.14	25.5	0.705	0.96	0.393	0.54	-0.06
4	Body	n41	509406	2547.03	DFT-s-OFDM QPSK	Rear	10mm	\	23.96	25.5	0.687	0.98	0.386	0.55	0.03
4	Body	n41	500205	2501.01	DFT-s-OFDM QPSK	Rear	10mm	35	23.94	25.5	0.711	1.02	0.4	0.57	-0.09
4	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Left	10mm	\	24.14	25.5	0.44	0.60	0.239	0.33	-0.03
4	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Top	10mm	\	24.14	25.5	0.209	0.29	0.094	0.13	0.12
4	Body	n41	500205	2501.01	CP-OFDM 16QAM	Rear	10mm	\	24	25	0.654	0.82	0.364	0.46	0.04
4	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	Note1	21.78	23.1	0.437	0.59	0.254	0.34	-0.05
4	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	Note1	21.78	23.1	0.466	0.63	0.268	0.36	0.04
4	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Left	10mm	Note1	21.78	23.1	0.313	0.42	0.181	0.25	0.11
4	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Top	10mm	Note1	21.78	23.1	0.125	0.17	0.059	0.08	0.05
3	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	24.98	26	0.093	0.12	0.046	0.06	-0.02
3	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	24.98	26	0.086	0.11	0.045	0.06	-0.15
3	Head	n41	537000	2685	DFT-s-OFDM QPSK	Cheek Right	0mm	\	24.23	26	0.493	0.74	0.201	0.30	0.04
3	Head	n41	527799	2639	DFT-s-OFDM QPSK	Cheek Right	0mm	\	24.78	26	0.528	0.70	0.218	0.29	0.13
3	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	24.98	26	0.661	0.84	0.274	0.35	-0.13
3	Head	n41	509406	2547.03	DFT-s-OFDM QPSK	Cheek Right	0mm	\	24.95	26	0.53	0.67	0.227	0.29	-0.07
3	Head	n41	500205	2501.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	24.45	26	0.462	0.66	0.2	0.29	0.11
3	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	24.98	26	0.232	0.29	0.108	0.14	-0.05
3	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	24.98	26	0.092	0.12	0.046	0.06	0.05
3	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Rear	13mm	\	24.98	26	0.587	0.74	0.275	0.35	-0.09
3	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Left	10mm	\	24.98	26	0.335	0.42	0.153	0.19	-0.12
3	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Top	10mm	\	24.98	26	0.056	0.07	0.029	0.04	0.04
3	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	\	23.92	24.4	0.582	0.65	0.239	0.27	-0.03
8	Head	n41	537000	2685	DFT-s-OFDM QPSK	Cheek Left	0mm	\	19.56	21.2	0.945	1.38	0.401	0.58	0.05
8	Head	n41	527799	2639	DFT-s-OFDM QPSK	Cheek Left	0mm	\	19.88	21.2	1.02	1.38	0.442	0.60	0.06
8	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	36	20.03	21.2	1.06	1.39	0.458	0.60	0.14
8	Head	n41	509406	2547.03	DFT-s-OFDM QPSK	Cheek Left	0mm	\	20.02	21.2	0.965	1.27	0.419	0.55	-0.02
8	Head	n41	500205	2501.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	19.98	21.2	0.957	1.27	0.419	0.55	0.08
8	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	20.03	21.2	0.478	0.63	0.212	0.28	0.06
8	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	20.03	21.2	0.263	0.34	0.124	0.16	-0.04
8	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	20.03	21.2	0.198	0.26	0.092	0.12	0.13
8	Head	n41	518598	2592.99	CP-OFDM QPSK	Cheek Left	0mm	\	20	21.2	1.03	1.36	0.431	0.57	-0.02
8	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	Note1	16.97	18.2	0.419	0.56	0.2	0.27	0.08
8	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	Note1	16.97	18.2	0.176	0.23	0.092	0.12	-0.02
8	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	Note1	16.97	18.2	0.132	0.18	0.072	0.10	-0.12
8	Head	n41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	Note1	16.97	18.2	0.091	0.12	0.048	0.06	0.05
8	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	22.29	23	0.258	0.30	0.133	0.16	-0.05
8	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	\	22.29	23	0.24	0.28	0.13	0.15	0.01
8	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Right	10mm	\	22.29	23	0.326	0.38	0.166	0.20	0.09
8	Body	n41	518598	2592.99	DFT-s-OFDM QPSK	Top	10mm	\	22.29	23	0.084	0.10	0.044	0.05	0.11

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	16.12	17.5	0.189	0.26	0.075	0.10	-0.09
5	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	16.12	17.5	0.324	0.45	0.121	0.17	-0.11
5	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	16.12	17.5	0.206	0.28	0.078	0.11	0.06
5	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	16.12	17.5	0.354	0.49	0.125	0.17	-0.01
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Front	19mm	\	23.64	25	0.302	0.41	0.136	0.19	0.09
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Rear	26mm	\	23.64	25	0.486	0.66	0.212	0.29	0.11
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Left	15mm	\	23.64	25	0.075	0.10	0.037	0.05	0.15
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Right	10mm	\	23.64	25	0.07	0.10	0.036	0.05	-0.02
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Top	24mm	\	23.64	25	0.502	0.69	0.229	0.31	0.09
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Front	10mm	\	18.72	20.2	0.125	0.18	0.059	0.08	0.01
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Rear	10mm	\	18.72	20.2	0.306	0.43	0.131	0.18	0.11
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Left	10mm	\	18.72	20.2	0.035	0.05	0.018	0.03	0.12
5	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Top	10mm	\	18.72	20.2	0.474	0.67	0.188	0.26	-0.08
7	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	15.25	16.9	0.354	0.52	0.164	0.24	-0.16
7	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	15.25	16.9	0.444	0.65	0.181	0.26	0.03
7	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	15.25	16.9	0.083	0.12	0.041	0.06	-0.02
7	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	15.25	16.9	0.084	0.12	0.041	0.06	0.02
7	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Front	19mm	\	22.3	24.2	0.235	0.36	0.11	0.17	0.01
7	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Rear	26mm	\	22.3	24.2	0.224	0.35	0.108	0.17	-0.17
7	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Right	38mm	\	22.3	24.2	0.171	0.26	0.088	0.14	0.04
7	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Top	15mm	\	22.3	24.2	0.15	0.23	0.075	0.12	0.06
7	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Front	10mm	\	19.48	20.9	0.386	0.54	0.17	0.24	0.03
7	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Rear	10mm	\	19.48	20.9	0.567	0.79	0.241	0.33	-0.12
7	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Right	10mm	\	19.48	20.9	0.553	0.77	0.249	0.35	-0.07
7	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Top	10mm	\	19.48	20.9	0.298	0.41	0.128	0.18	0.04
7	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Front	10mm	Note1	17.96	19.5	0.225	0.32	0.11	0.16	0.05
7	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Rear	10mm	Note1	17.96	19.5	0.341	0.49	0.157	0.22	-0.12
7	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Right	10mm	Note1	17.96	19.5	0.241	0.34	0.12	0.17	-0.05
7	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Top	10mm	Note1	17.96	19.5	0.188	0.27	0.092	0.13	-0.12
4	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	16.16	17.5	0.148	0.20	0.074	0.10	-0.15
4	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	16.16	17.5	0.197	0.27	0.095	0.13	-0.14
4	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	16.16	17.5	0.349	0.48	0.157	0.21	-0.12
4	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	16.16	17.5	0.417	0.57	0.177	0.24	-0.05
4	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Front	10mm	\	18.72	19.8	0.389	0.50	0.174	0.22	-0.04
4	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Rear	10mm	\	18.72	19.8	0.509	0.65	0.222	0.28	0.05
4	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Left	10mm	\	18.72	19.8	0.165	0.21	0.074	0.09	0.18
4	Body	n48	646332	3694.98	DFT-s-OFDM QPSK	Top	10mm	\	18.51	19.8	0.413	0.56	0.181	0.24	-0.04
4	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Top	10mm	\	18.72	19.8	0.674	0.86	0.287	0.37	0.07
4	Body	n48	637000	3555	DFT-s-OFDM QPSK	Top	10mm	37	18.46	19.8	0.749	1.02	0.321	0.44	-0.12
4	Body	n48	637000	3555	DFT-s-OFDM QPSK	Top	10mm	\	18.55	19.8	0.731	0.97	0.314	0.42	0.03
2	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	18.39	19.8	0.279	0.39	0.137	0.19	0.08
2	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	18.39	19.8	0.066	0.09	0.038	0.05	-0.07
2	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Cheek Right	0mm	38	18.39	19.8	0.466	0.64	0.223	0.31	0.05
2	Head	n48	641666	3624.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	18.39	19.8	0.162	0.22	0.087	0.12	0.11
2	Head	n48	641666	3624.99	CP-OFDM QPSK	Cheek Right	0mm	\	18.35	19.8	0.451	0.63	0.217	0.30	0.03
2	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Front	10mm	\	18.39	19.8	0.262	0.36	0.124	0.17	-0.06
2	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Rear	10mm	\	18.39	19.8	0.479	0.66	0.203	0.28	0.05
2	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Left	10mm	\	18.39	19.8	0.402	0.56	0.157	0.22	0.12
2	Body	n48	641666	3624.99	DFT-s-OFDM QPSK	Top	10mm	\	18.39	19.8	0.28	0.39	0.119	0.16	0.03
1	Head	n66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	24.22	25	0.063	0.08	0.042	0.05	-0.03
1	Head	n66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	24.22	25	0.052	0.06	0.032	0.04	0.05
1	Head	n66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	24.22	25	0.054	0.06	0.034	0.04	-0.07
1	Head	n66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	24.22	25	0.047	0.06	0.029	0.03	0.12
1	Body	n66	349000	1745	DFT-s-OFDM QPSK	Front	15mm	\	24.22	25	0.418	0.50	0.224	0.27	0.05
1	Body	n66	349000	1745	DFT-s-OFDM QPSK	Rear	18mm	\	24.22	25	0.434	0.52	0.232	0.28	0.06
1	Body	n66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	\	24.22	25	0.047	0.06	0.025	0.03	-0.07
1	Body	n66	349000	1745	DFT-s-OFDM QPSK	Bottom	16mm	\	24.22	25	0.43	0.51	0.222	0.27	0.04
1	Body	n66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	18.77	20.3	0.181	0.26	0.093	0.13	-0.06
1	Body	n66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	18.77	20.3	0.21	0.30	0.102	0.15	-0.18
1	Body	n66	349000	1745	DFT-s-OFDM QPSK	Bottom	10mm	\	18.77	20.3	0.234	0.33	0.11	0.16	-0.08
4	Head	n66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	19.53	21	0.306	0.43	0.194	0.27	0.18
4	Head	n66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	19.53	21	0.453	0.64	0.26	0.36	-0.01
4	Head	n66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	19.53	21	0.497	0.70	0.279	0.39	-0.1
4	Head	n66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	39	19.53	21	0.533	0.75	0.286	0.40	0.03
4	Head	n66	349000	1745	CP-OFDM QPSK	Tilt Right	0mm	\	19.45	21	0.514	0.73	0.271	0.39	0.07
4	Body	n66	349000	1745	DFT-s-OFDM QPSK	Front	19mm	\	24.01	25	0.505	0.63	0.303	0.38	0.04
4	Body	n66	349000	1745	DFT-s-OFDM QPSK	Rear	26mm	\	24.01	25	0.498	0.63	0.294	0.37	-0.09
4	Body	n66	349000	1745	DFT-s-OFDM QPSK	Left	15mm	\	24.01	25	0.344	0.43	0.197	0.25	0.16
4	Body	n66	349000	1745	DFT-s-OFDM QPSK	Top	24mm	\	24.01	25	0.486	0.61	0.295	0.37	0.09
4	Body	n66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	22.97	23.6	0.344	0.40	0.208	0.24	-0.05
4	Body	n66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	22.97	23.6	0.536	0.62	0.308	0.36	0.11
4	Body	n66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	\	22.97	23.6	0.335	0.39	0.18	0.21	0.05
4	Body	n66	349000	1745	DFT-s-OFDM QPSK	Top	10mm	40	22.97	23.6	0.654	0.76	0.372	0.43	-0.08
4	Body	n66	349000	1745	CP-OFDM QPSK	Top	10mm	\	22.88	23.6	0.624	0.74	0.354	0.42	0.06
0	Head	n71	136100	680.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	24.26	25	0.113	0.13	0.093	0.11	-0.06
0	Head	n71	136100	680.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	24.26	25	0.081	0.10	0.066	0.08	-0.05
0	Head	n71	136100	680.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	24.26	25	0.154	0.18	0.122	0.14	-0.1
0	Head	n71	136100	680.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	24.26	25	0.091	0.11	0.075	0.09	-0.15
0	Body	n71	136100	680.5	DFT-s-OFDM QPSK	Front	10mm	\	24.26	25	0.154	0.18	0.102	0.12	-0.17
0	Body	n71	136100	680.5	DFT-s-OFDM QPSK	Rear	10mm	\	24.26	25	0.177	0.21	0.12	0.14	-0.08
0	Body	n71	136100	680.5	DFT-s-OFDM QPSK	Right	10mm	\	24.26	25	0.152	0.18	0.084	0.10	-0.13
0	Body	n71	136100	680.5	DFT-s-OFDM QPSK	Bottom	10mm	\	24.26	25	0.067	0.08	0.039	0.05	0.14
2	Head	n71	136100	680.5	DFT-s-OFDM QPSK	Cheek Left	0mm	41	20.92	21	0.456	0.46	0.259	0.26	0.03
2	Head	n71	136100	680.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	20.92	21	0.083	0.08	0.066	0.07	0.06
2	Head	n71	136100	680.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	20.92	21	0.228	0.23	0.143	0.15	-



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	16.41	17.7	0.246	0.33	0.098	0.13	0.08
5	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	16.41	17.7	0.485	0.65	0.176	0.24	-0.12
5	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	16.41	17.7	0.295	0.40	0.11	0.15	-0.02
5	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	16.41	17.7	0.478	0.64	0.172	0.23	0.1
5	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Front	19mm	\	26.28	27	0.536	0.63	0.265	0.31	-0.1
5	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Rear	26mm	\	26.28	27	0.639	0.75	0.323	0.38	-0.08
5	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Left	15mm	\	26.28	27	0.225	0.27	0.122	0.14	-0.06
5	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	\	26.28	27	0.227	0.27	0.123	0.15	-0.11
5	Body	n78L	636000	3540	DFT-s-OFDM QPSK	Top	24mm	\	26.15	27	1.04	1.26	0.535	0.65	0.01
5	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Top	24mm	43	26.28	27	1.13	1.33	0.58	0.68	0.05
5	Body	n78L	630668	3460.02	DFT-s-OFDM QPSK	Top	24mm	\	26.11	27	1.02	1.25	0.514	0.63	-0.09
5	Body	n78L	633334	3500.01	CP-OFDM QPSK	Top	24mm	\	24.92	25.5	0.894	1.02	0.475	0.54	0.03
5	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	18.93	20.2	0.136	0.18	0.066	0.09	-0.13
5	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	18.93	20.2	0.36	0.48	0.143	0.19	-0.03
5	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Left	10mm	\	18.93	20.2	0.046	0.06	0.022	0.03	-0.01
5	Body	n78L	636000	3540	DFT-s-OFDM QPSK	Top	10mm	\	18.89	20.2	0.626	0.85	0.249	0.34	-0.09
5	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	18.93	20.2	0.648	0.87	0.259	0.35	0.01
5	Body	n78L	630668	3460.02	DFT-s-OFDM QPSK	Top	10mm	\	18.87	20.2	0.553	0.75	0.231	0.31	-0.03
7	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	15.81	17.2	0.238	0.33	0.116	0.16	0.05
7	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	15.81	17.2	0.367	0.51	0.14	0.19	-0.02
7	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	15.81	17.2	0.057	0.08	0.03	0.04	-0.12
7	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	15.81	17.2	0.063	0.09	0.03	0.04	0.07
7	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Front	19mm	\	25.49	26.5	0.524	0.66	0.249	0.31	0.08
7	Body	n78L	636000	3540	DFT-s-OFDM QPSK	Rear	26mm	\	25.32	26.5	0.584	0.77	0.283	0.37	0.15
7	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Rear	26mm	\	25.49	26.5	0.595	0.75	0.285	0.36	0.08
7	Body	n78L	630668	3460.02	DFT-s-OFDM QPSK	Rear	26mm	\	25.36	26.5	0.603	0.78	0.292	0.38	-0.01
7	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Right	38mm	\	25.49	26.5	0.549	0.69	0.274	0.35	0.15
7	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Top	15mm	\	25.49	26.5	0.323	0.41	0.15	0.19	-0.07
7	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	19.83	21.2	0.235	0.32	0.107	0.15	0.15
7	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	19.83	21.2	0.452	0.62	0.2	0.27	-0.04
7	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	\	19.83	21.2	0.54	0.74	0.231	0.32	-0.04
7	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	19.83	21.2	0.296	0.41	0.12	0.16	0.04
7	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	Note1	15.27	17	0.109	0.16	0.055	0.08	0.08
7	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	Note1	15.27	17	0.21	0.31	0.105	0.16	-0.02
7	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	Note1	15.27	17	0.22	0.33	0.11	0.16	-0.09
7	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	Note1	15.27	17	0.135	0.20	0.061	0.09	0.13
4	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	16.12	17.5	0.358	0.49	0.153	0.21	0.13
4	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	16.12	17.5	0.398	0.55	0.168	0.23	0.06
4	Head	n78L	633334	3540	DFT-s-OFDM QPSK	Cheek Right	0mm	\	15.68	17.5	0.564	0.86	0.232	0.35	0.05
4	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	16.12	17.5	0.631	0.87	0.286	0.39	-0.12
4	Head	n78L	633334	3460.02	DFT-s-OFDM QPSK	Cheek Right	0mm	44	16.08	17.5	0.948	1.31	0.415	0.58	0.17
4	Head	n78L	636000	3540	DFT-s-OFDM QPSK	Tilt Right	0mm	\	15.68	17.5	0.553	0.84	0.222	0.34	-0.06
4	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	16.12	17.5	0.735	1.01	0.298	0.41	0.12
4	Head	n78L	630668	3460.02	DFT-s-OFDM QPSK	Tilt Right	0mm	\	16.08	17.5	0.903	1.25	0.37	0.51	-0.02
4	Head	n78L	633334	3460.02	DFT-s-OFDM QPSK	Cheek Right	0mm	\	16.01	17.5	0.924	1.30	0.403	0.57	0.01
4	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	Note1	15.33	16.5	0.294	0.38	0.134	0.18	-0.14
4	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	Note1	15.33	16.5	0.378	0.49	0.164	0.21	-0.08
4	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	Note1	15.33	16.5	0.602	0.79	0.26	0.34	-0.02
4	Head	n78L	636000	3540	DFT-s-OFDM QPSK	Tilt Right	0mm	Note1	14.92	16.5	0.502	0.72	0.226	0.33	0.06
4	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	Note1	15.33	16.5	0.735	0.96	0.292	0.38	0.05
4	Head	n78L	630668	3460.02	DFT-s-OFDM QPSK	Tilt Right	0mm	Note1	15.26	16.5	0.681	0.91	0.307	0.41	0.04
4	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	22.53	23.5	0.528	0.66	0.254	0.32	0.08
4	Body	n78L	636000	3540	DFT-s-OFDM QPSK	Rear	10mm	\	21.93	23.5	0.647	0.93	0.302	0.43	0.05
4	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	22.53	23.5	0.768	0.96	0.363	0.45	-0.11
4	Body	n78L	630668	3460.02	DFT-s-OFDM QPSK	Rear	10mm	\	22.42	23.5	0.82	1.05	0.389	0.50	-0.1
4	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Left	10mm	\	22.53	23.5	0.283	0.35	0.137	0.17	0.08
4	Body	n78L	636000	3540	DFT-s-OFDM QPSK	Top	10mm	\	21.93	23.5	0.905	1.30	0.395	0.57	-0.07
4	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	22.53	23.5	0.736	0.92	0.323	0.40	0.12
4	Body	n78L	630668	3460.02	DFT-s-OFDM QPSK	Top	10mm	\	22.42	23.5	1.03	1.32	0.449	0.58	0.02
4	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	Note1	20.58	21.5	0.402	0.50	0.199	0.25	-0.13
4	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	Note1	20.58	21.5	0.544	0.67	0.26	0.32	0.12
4	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Left	10mm	Note1	20.58	21.5	0.214	0.26	0.108	0.13	-0.05
4	Body	n78L	636000	3540	DFT-s-OFDM QPSK	Top	10mm	Note1	20.11	21.5	0.585	0.81	0.26	0.36	0.02
4	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	Note1	20.58	21.5	0.668	0.83	0.399	0.49	0.01
4	Body	n78L	630668	3460.02	DFT-s-OFDM QPSK	Top	10mm	Note1	20.38	21.5	0.848	1.10	0.357	0.46	0.01
2	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	19.45	20	0.491	0.56	0.197	0.22	0.08
2	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	19.45	20	0.175	0.20	0.08	0.09	-0.07
2	Head	n78L	636000	3540	DFT-s-OFDM QPSK	Cheek Right	0mm	\	19.31	20	0.799	0.94	0.358	0.42	0.09
2	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	19.45	20	0.851	0.97	0.397	0.45	-0.02
2	Head	n78L	630668	3460.02	DFT-s-OFDM QPSK	Cheek Right	0mm	\	19.41	20	0.695	0.80	0.252	0.29	0.14
2	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	19.45	20	0.249	0.28	0.109	0.12	-0.14
2	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	Note1	16.22	17.5	0.313	0.42	0.144	0.19	0.08
2	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	Note1	16.22	17.5	0.151	0.20	0.063	0.08	-0.11
2	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	Note1	16.22	17.5	0.398	0.53	0.193	0.26	0.06
2	Head	n78L	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	Note1	16.22	17.5	0.211	0.28	0.084	0.11	0.07
2	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	19.45	20	0.114	0.13	0.059	0.07	0.1
2	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	19.45	20	0.265	0.30	0.13	0.15	0.06
2	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Left	10mm	\	19.45	20	0.184	0.21	0.09	0.10	-0.18
2	Body	n78L	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	\	19.45	20	0.103	0.12	0.052	0.06	-0.03

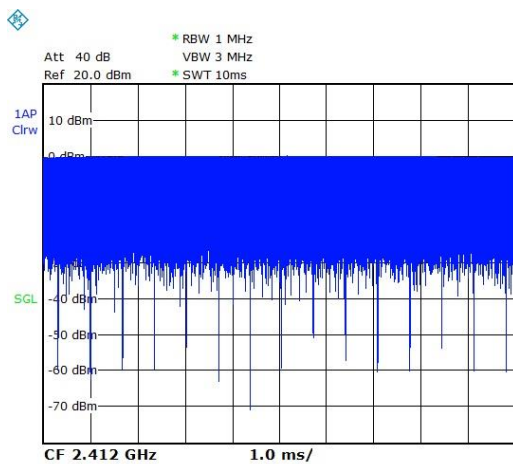
12.3 SAR results for WLAN

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.

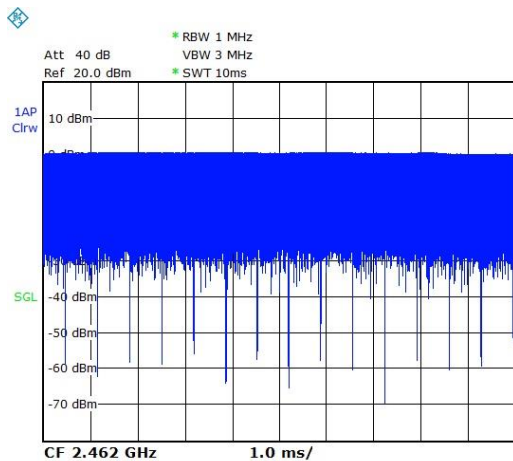
When the same transmission mode configurations have the same maximum output power on the same channel for the 802.11 a/g/n/ac/ax modes, the channel in the lower order/sequence 802.11 mode (i.e. a, g, n ac then ax) is selected.

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.

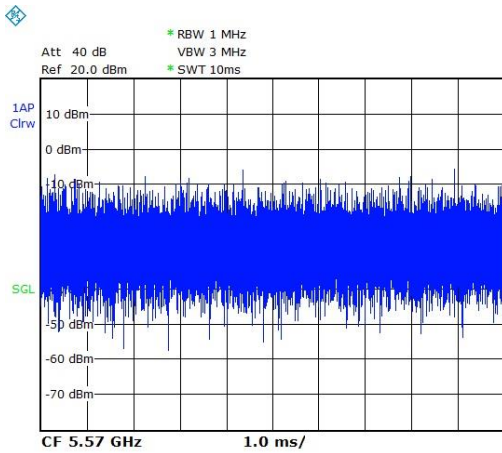
Duty factor plot CH1 ANT7



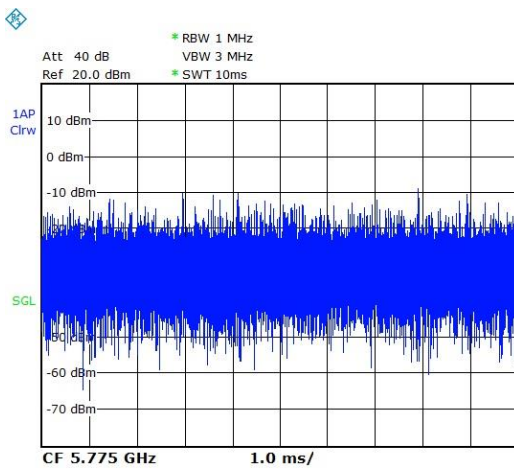
CH11 ANT9



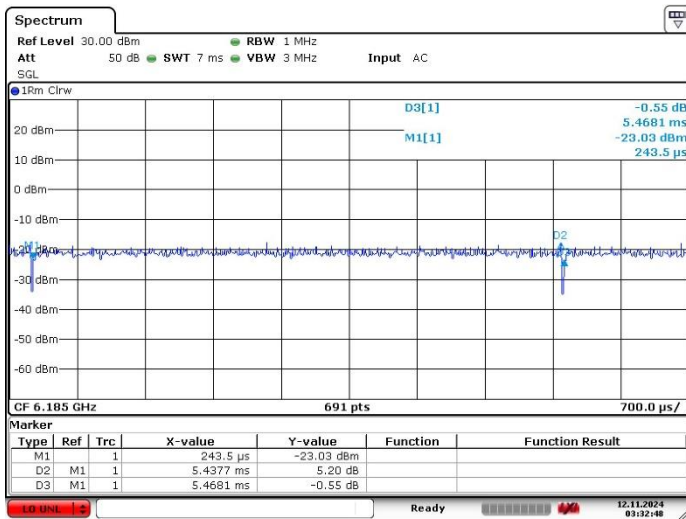
CH114 ANT6



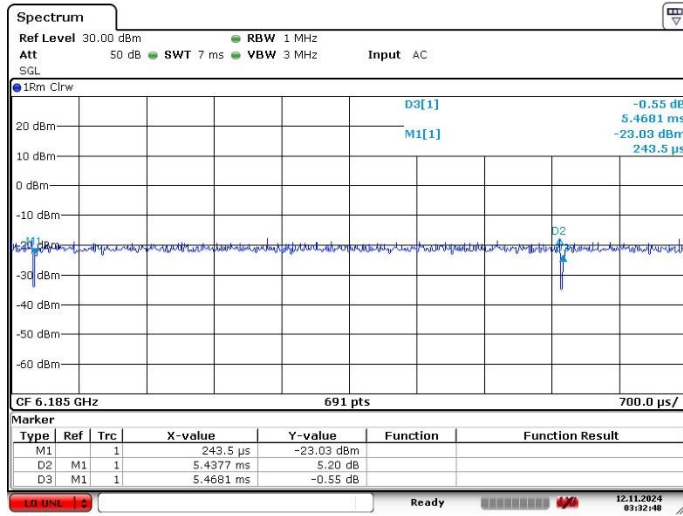
CH155 ANT9



CH47 ANT6



CH47 ANT7



WLAN 2.4G

ANT	RF Exposure Condition	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Duty Cycle	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
6	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Cheek Left	0mm	\	15.99	17.5	100.00%	0.455	0.64	0.225	0.32	0.06
6	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Tilt Left	0mm	45	15.99	17.5	100.00%	0.559	0.79	0.253	0.36	0.07
6	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Cheek Right	0mm	\	15.99	17.5	100.00%	0.221	0.31	0.111	0.16	-0.08
6	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Tilt Right	0mm	\	15.99	17.5	100.00%	0.26	0.37	0.129	0.18	0.02
6	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Cheek Left	0mm	Note1	12.56	14	100.00%	0.306	0.43	0.157	0.22	-0.03
6	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Tilt Left	0mm	Note1	12.56	14	100.00%	0.28	0.39	0.14	0.20	0.06
6	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Cheek Right	0mm	Note1	12.56	14	100.00%	0.124	0.17	0.065	0.09	-0.11
6	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Tilt Right	0mm	Note1	12.56	14	100.00%	0.152	0.21	0.076	0.11	0.05
6	Body	WIFI2.4G	6	2437	WIFI 802.11b 1M	Front	10mm	\	18.71	20	100.00%	0.236	0.32	0.124	0.17	-0.03
6	Body	WIFI2.4G	6	2437	WIFI 802.11b 1M	Rear	10mm	\	18.71	20	100.00%	0.149	0.20	0.077	0.10	0.07
6	Body	WIFI2.4G	6	2437	WIFI 802.11b 1M	Right	10mm	\	18.71	20	100.00%	0.159	0.21	0.084	0.11	0.05
6	Body	WIFI2.4G	6	2437	WIFI 802.11b 1M	Top	10mm	\	18.71	20	100.00%	0.232	0.31	0.117	0.16	-0.03
6	Body	WIFI2.4G	6	2437	WIFI 802.11b 1M	Front	10mm	Note1	15.99	17.5	100.00%	0.13	0.18	0.068	0.10	0.05
6	Body	WIFI2.4G	6	2437	WIFI 802.11b 1M	Rear	10mm	Note1	15.99	17.5	100.00%	0.133	0.19	0.069	0.10	-0.12
6	Body	WIFI2.4G	6	2437	WIFI 802.11b 1M	Right	10mm	Note1	15.99	17.5	100.00%	0.091	0.13	0.048	0.07	0.03
6	Body	WIFI2.4G	6	2437	WIFI 802.11b 1M	Top	10mm	Note1	15.99	17.5	100.00%	0.159	0.23	0.086	0.12	-0.04
9	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Cheek Left	0mm	\	15.59	17	100.00%	0.251	0.35	0.133	0.18	0.06
9	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Tilt Left	0mm	\	15.59	17	100.00%	<0.01	<0.01	<0.01	<0.01	\
9	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Cheek Right	0mm	\	15.59	17	100.00%	0.495	0.68	0.213	0.29	0.08
9	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Tilt Right	0mm	\	15.59	17	100.00%	0.061	0.08	0.032	0.04	-0.05
9	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Cheek Left	0mm	Note1	12.58	14	100.00%	0.091	0.13	0.047	0.07	0.05
9	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Tilt Left	0mm	Note1	12.58	14	100.00%	<0.01	<0.01	<0.01	<0.01	\
9	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Cheek Right	0mm	Note1	12.58	14	100.00%	0.342	0.47	0.147	0.20	0.12
9	Head	WIFI2.4G	6	2437	WIFI 802.11b 1M	Tilt Right	0mm	Note1	12.58	14	100.00%	<0.01	<0.01	<0.01	<0.01	\
9	Body	WIFI2.4G	6	2437	WIFI 802.11b 1M	Front	10mm	\	16.7	18	100.00%	0.207	0.28	0.106	0.14	-0.09
9	Body	WIFI2.4G	6	2437	WIFI 802.11b 1M	Rear	10mm	\	16.7	18	100.00%	0.246	0.33	0.126	0.17	-0.06
9	Body	WIFI2.4G	11	2462	WIFI 802.11b 1M	Right	10mm	\	16.6	18	100.00%	0.633	0.87	0.305	0.42	0.1
9	Body	WIFI2.4G	6	2437	WIFI 802.11b 1M	Right	10mm	46	16.7	18	100.00%	0.657	0.89	0.309	0.42	0.05
9	Body	WIFI2.4G	1	2412	WIFI 802.11b 1M	Right	10mm	\	16.4	18	100.00%	0.609	0.88	0.295	0.43	0.06
9	Body	WIFI2.4G	6	2437	WIFI 802.11b 1M	Top	10mm	\	16.7	18	100.00%	0.018	0.02	0.005	0.01	-0.14

WLAN 5G

ANT	RF Exposure Condition	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Duty Cycle	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
7	Head	WiFi5G	58	5290	WiFi 802.11ac 80M	Cheek Left	0mm	\	8.4	8.5	100.00%	0.493	0.50	0.197	0.20	-0.01
7	Head	WiFi5G	58	5290	WiFi 802.11ac 80M	Tilt Left	0mm	\	8.4	8.5	100.00%	0.275	0.28	0.086	0.09	0.06
7	Head	WiFi5G	58	5290	WiFi 802.11ac 80M	Cheek Right	0mm	\	8.4	8.5	100.00%	0.121	0.12	0.053	0.05	0.14
7	Head	WiFi5G	58	5290	WiFi 802.11ac 80M	Tilt Right	0mm	\	8.4	8.5	100.00%	0.079	0.08	0.028	0.03	0.07
7	Head	WiFi5G	114	5570	WiFi 802.11ax 160M	Cheek Left	0mm	\	8.47	8.5	100.00%	0.644	0.65	0.249	0.25	0.01
7	Head	WiFi5G	114	5570	WiFi 802.11ax 160M	Tilt Left	0mm	\	8.47	8.5	100.00%	0.211	0.21	0.074	0.07	-0.11
7	Head	WiFi5G	114	5570	WiFi 802.11ax 160M	Cheek Right	0mm	\	8.47	8.5	100.00%	0.126	0.13	0.061	0.06	0.18
7	Head	WiFi5G	114	5570	WiFi 802.11ax 160M	Tilt Right	0mm	\	8.47	8.5	100.00%	0.094	0.09	0.041	0.04	-0.03
7	Head	WiFi5G	155	5775	WiFi 802.11ac 80M	Cheek Left	0mm	\	8.26	8.5	100.00%	0.462	0.49	0.182	0.19	0.06
7	Head	WiFi5G	155	5775	WiFi 802.11ac 80M	Tilt Left	0mm	\	8.26	8.5	100.00%	0.194	0.21	0.062	0.07	-0.15
7	Head	WiFi5G	155	5775	WiFi 802.11ac 80M	Cheek Right	0mm	\	8.26	8.5	100.00%	0.119	0.13	0.054	0.06	0.07
7	Head	WiFi5G	155	5775	WiFi 802.11ac 80M	Tilt Right	0mm	\	8.26	8.5	100.00%	0.062	0.07	0.03	0.03	-0.17
7	Head	WiFi5G	58	5290	WiFi 802.11ac 80M	Cheek Left	0mm	Note1	4.86	5.5	100.00%	0.246	0.29	0.109	0.13	-0.08
7	Head	WiFi5G	58	5290	WiFi 802.11ac 80M	Tilt Left	0mm	Note1	4.86	5.5	100.00%	0.119	0.14	0.044	0.05	-0.11
7	Head	WiFi5G	58	5290	WiFi 802.11ac 80M	Cheek Right	0mm	Note1	4.86	5.5	100.00%	0.061	0.07	0.03	0.03	0.14
7	Head	WiFi5G	58	5290	WiFi 802.11ac 80M	Tilt Right	0mm	Note1	4.86	5.5	100.00%	0.042	0.05	0.019	0.02	0.14
7	Head	WiFi5G	114	5570	WiFi 802.11ax 160M	Cheek Left	0mm	Note1	5.25	5.5	100.00%	0.159	0.17	0.041	0.04	-0.01
7	Head	WiFi5G	114	5570	WiFi 802.11ax 160M	Tilt Left	0mm	Note1	5.25	5.5	100.00%	0.081	0.09	0.024	0.03	-0.13
7	Head	WiFi5G	114	5570	WiFi 802.11ax 160M	Cheek Right	0mm	Note1	5.25	5.5	100.00%	0.075	0.08	0.031	0.03	0.12
7	Head	WiFi5G	114	5570	WiFi 802.11ax 160M	Tilt Right	0mm	Note1	5.25	5.5	100.00%	0.073	0.08	0.023	0.02	0.13
7	Head	WiFi5G	155	5775	WiFi 802.11ac 80M	Cheek Left	0mm	Note1	4.63	5.5	100.00%	0.183	0.22	0.059	0.07	-0.18
7	Head	WiFi5G	155	5775	WiFi 802.11ac 80M	Tilt Left	0mm	Note1	4.63	5.5	100.00%	0.08	0.10	0.023	0.03	0.02
7	Head	WiFi5G	155	5775	WiFi 802.11ac 80M	Cheek Right	0mm	Note1	4.63	5.5	100.00%	0.057	0.07	0.023	0.03	-0.05
7	Head	WiFi5G	155	5775	WiFi 802.11ac 80M	Tilt Right	0mm	Note1	4.63	5.5	100.00%	0.056	0.07	0.012	0.01	-0.18
7	Body	WiFi5G	52	5260	WiFi 802.11a 6M	Front	19mm	\	19.8	20	100.00%	0.449	0.47	0.211	0.22	0.04
7	Body	WiFi5G	52	5260	WiFi 802.11a 6M	Rear	26mm	\	19.8	20	100.00%	0.38	0.40	0.19	0.20	0.08
7	Body	WiFi5G	52	5260	WiFi 802.11a 6M	Right	38mm	\	19.8	20	100.00%	0.421	0.44	0.217	0.23	0.14
7	Body	WiFi5G	52	5260	WiFi 802.11a 6M	Top	15mm	\	19.8	20	100.00%	0.334	0.35	0.16	0.17	0.09
7	Body	WiFi5G	120	5600	WiFi 802.11a 6M	Front	19mm	\	19.98	20	100.00%	0.653	0.66	0.306	0.31	-0.07
7	Body	WiFi5G	120	5600	WiFi 802.11a 6M	Rear	26mm	\	19.98	20	100.00%	0.58	0.58	0.276	0.28	0.01
7	Body	WiFi5G	120	5600	WiFi 802.11a 6M	Right	38mm	\	19.98	20	100.00%	0.786	0.79	0.379	0.38	0.06
7	Body	WiFi5G	120	5600	WiFi 802.11a 6M	Top	15mm	\	19.98	20	100.00%	0.273	0.27	0.127	0.13	-0.09
7	Body	WiFi5G	157	5785	WiFi 802.11a 6M	Front	19mm	\	19.96	20	100.00%	0.343	0.35	0.168	0.17	0.03
7	Body	WiFi5G	157	5785	WiFi 802.11a 6M	Rear	26mm	\	19.96	20	100.00%	0.338	0.34	0.134	0.14	0.14
7	Body	WiFi5G	157	5785	WiFi 802.11a 6M	Right	38mm	\	19.96	20	100.00%	0.466	0.47	0.234	0.24	0.01
7	Body	WiFi5G	157	5785	WiFi 802.11a 6M	Top	15mm	\	19.96	20	100.00%	0.154	0.16	0.066	0.07	0.08
7	Body	WiFi5G	58	5290	WiFi 802.11ac 80M	Front	10mm	\	9.42	9.5	100.00%	0.198	0.20	0.071	0.07	0.08
7	Body	WiFi5G	58	5290	WiFi 802.11ac 80M	Rear	10mm	\	9.42	9.5	100.00%	0.298	0.30	0.104	0.11	-0.07
7	Body	WiFi5G	58	5290	WiFi 802.11ac 80M	Right	10mm	\	9.42	9.5	100.00%	0.651	0.66	0.236	0.24	-0.09
7	Body	WiFi5G	58	5290	WiFi 802.11ac 80M	Top	10mm	\	9.42	9.5	100.00%	0.098	0.10	0.035	0.04	0.02
7	Body	WiFi5G	114	5570	WiFi 802.11ax 160M	Front	10mm	\	9.47	9.5	100.00%	0.26	0.26	0.096	0.10	0.05
7	Body	WiFi5G	114	5570	WiFi 802.11ax 160M	Rear	10mm	\	9.47	9.5	100.00%	0.527	0.53	0.196	0.20	-0.11
7	Body	WiFi5G	114	5570	WiFi 802.11ax 160M	Right	10mm	47	9.47	9.5	100.00%	0.853	0.86	0.314	0.32	0.06
7	Body	WiFi5G	114	5570	WiFi 802.11ax 160M	Top	10mm	\	9.47	9.5	100.00%	0.114	0.11	0.039	0.04	0.03
7	Body	WiFi5G	155	5775	WiFi 802.11ac 80M	Front	10mm	\	9.23	9.5	100.00%	0.228	0.24	0.086	0.09	0.05
7	Body	WiFi5G	155	5775	WiFi 802.11ac 80M	Rear	10mm	\	9.23	9.5	100.00%	0.44	0.47	0.164	0.17	-0.12
7	Body	WiFi5G	155	5775	WiFi 802.11ac 80M	Right	10mm	\	9.23	9.5	100.00%	0.638	0.68	0.254	0.27	-0.01
7	Body	WiFi5G	155	5775	WiFi 802.11ac 80M	Top	10mm	\	9.23	9.5	100.00%	0.109	0.12	0.038	0.04	0.14
7	Body	WiFi5G	58	5290	WiFi 802.11ac 80M	Front	10mm	Note1	4.86	5.5	100.00%	0.098	0.11	0.038	0.04	-0.04
7	Body	WiFi5G	58	5290	WiFi 802.11ac 80M	Rear	10mm	Note1	4.86	5.5	100.00%	0.177	0.21	0.066	0.08	0.02
7	Body	WiFi5G	58	5290	WiFi 802.11ac 80M	Right	10mm	Note1	4.86	5.5	100.00%	0.332	0.38	0.137	0.16	0.09
7	Body	WiFi5G	58	5290	WiFi 802.11ac 80M	Top	10mm	Note1	4.86	5.5	100.00%	0.124	0.14	0.031	0.04	0.09
7	Body	WiFi5G	114	5570	WiFi 802.11ax 160M	Front	10mm	Note1	5.25	5.5	100.00%	0.202	0.21	0.08	0.08	0.04
7	Body	WiFi5G	114	5570	WiFi 802.11ax 160M	Rear	10mm	Note1	5.25	5.5	100.00%	0.234	0.25	0.086	0.09	-0.12
7	Body	WiFi5G	114	5570	WiFi 802.11ax 160M	Right	10mm	Note1	5.25	5.5	100.00%	0.546	0.58	0.209	0.22	0.11
7	Body	WiFi5G	114	5570	WiFi 802.11ax 160M	Top	10mm	Note1	5.25	5.5	100.00%	0.173	0.18	0.046	0.05	0.08
7	Body	WiFi5G	155	5775	WiFi 802.11ac 80M	Front	10mm	Note1	4.63	5.5	100.00%	0.122	0.15	0.031	0.04	0.15
7	Body	WiFi5G	155	5775	WiFi 802.11ac 80M	Rear	10mm	Note1	4.63	5.5	100.00%	0.167	0.20	0.057	0.07	-0.13
7	Body	WiFi5G	155	5775	WiFi 802.11ac 80M	Right	10mm	Note1	4.63	5.5	100.00%	0.257	0.31	0.093	0.11	-0.06
7	Body	WiFi5G	155	5775	WiFi 802.11ac 80M	Top	10mm	Note1	4.63	5.5	100.00%	0.084	0.10	0.02	0.02	0.16
9	Head	WiFi5G	54	5270	WiFi 802.11n 40M	Cheek Left	0mm	\	16.12	17	100.00%	0.358	0.44	0.123	0.15	-0.1
9	Head	WiFi5G	54	5270	WiFi 802.11n 40M	Tilt Left	0mm	\	16.12	17	100.00%	0.078	0.10	0.024	0.03	0.06
9	Head	WiFi5G	54	5270	WiFi 802.11n 40M	Cheek Right	0mm	\	16.12	17	100.00%	0.142	0.17	0.048	0.06	-0.12
9	Head	WiFi5G	54	5270	WiFi 802.11n 40M	Tilt Right	0mm	\	16.12	17	100.00%	0.04	0.05	0.012	0.01	0.06
9	Head	WiFi5G	122	5610	WiFi 802.11ac 80M	Cheek Left	0mm	\	15.85	17	100.00%	0.225	0.29	0.105	0.14	-0.06
9	Head	WiFi5G	122	5610	WiFi 802.11ac 80M	Tilt Left	0mm	\	15.85	17	100.00%	0.044	0.06	0.021	0.03	0.05
9	Head	WiFi5G	122	5610	WiFi 802.11ac 80M	Cheek Right	0mm	\	15.85	17	100.00%	0.125	0.16	0.064	0.08	0.07
9	Head	WiFi5G	122	5610	WiFi 802.11ac 80M	Tilt Right	0mm	\	15.85	17	100.00%	0.02	0.03	0.011	0.01	-0.12
9	Head	WiFi5G	155	5775	WiFi 802.11ac 80M	Cheek Left	0mm	48	16.07	17	100.00%	0.598	0.74	0.188	0.23	0.17
9	Head	WiFi5G	155	5775	WiFi 802.11ac 80M	Tilt Left	0mm	\	16.07	17	100.00%	0.141	0.17	0.045	0.06	0.11
9	Head	WiFi5G	155	5775	WiFi 802.11ac 80M	Cheek Right	0mm	\	16.07	17	100.00%	0.207	0.26	0.068	0.08	-0.11
9	Head	WiFi5G	155	5775	WiFi 802.11ac 80M	Tilt Right	0mm	\	16.07	17	100.00%	0.105	0.13	0.036	0.04	0.18
9	Head	WiFi5G	58	5290	WiFi 802.11ac 80M	Cheek Left	0mm	Note1	12.44	13.5	100.00%	0.126	0.16	0.074	0.09	0.06
9	Head	WiFi5G	58	5290	WiFi 802.11ac 80M	Tilt Left	0mm	Note1	12.44	13.5	100.00%	0.077	0.10	0.027	0.03	0.11
9	Head	WiFi5G	58	5290	WiFi 802.11ac 80M	Cheek Right	0mm	Note1	12.44	13.5	100.00%	0.071	0.09	0.029	0.04	0.11
9	Head	WiFi5G	58	5290	WiFi 802.11ac 80M	Tilt Right	0mm	Note1	12.44	13.5	100.00%	0.041	0.05	0.017	0.02	0.09
9	Head	WiFi5G	114	5570	WiFi 802.11ax 160M	Cheek Left	0mm	Note1	13.12	13.5	100.00%	0.135	0.15	0.051	0.06	0.06
9	Head	WiFi5G	114	5570	WiFi 802.11ax 160M	Tilt Left	0mm	Note1	13.12	13.5	100.00					

WLAN 6E

ANT	RF Exposure Condition	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Duty Cycle	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
7	Head	WiFi6E	15	6025	WiFi 802.11ax 160M	Cheek Left	0mm	49	8.45	9	99.00%	0.28	0.32	0.087	0.10	0.09
7	Head	WiFi6E	15	6025	WiFi 802.11ax 160M	Tilt Left	0mm	\	8.45	9	99.00%	0.138	0.16	0.04	0.05	-0.01
7	Head	WiFi6E	15	6025	WiFi 802.11ax 160M	Cheek Right	0mm	\	8.45	9	99.00%	0.052	0.06	0.015	0.02	0.15
7	Head	WiFi6E	15	6025	WiFi 802.11ax 160M	Tilt Right	0mm	\	8.45	9	99.00%	0.063	0.07	0.019	0.02	-0.17
7	Head	WiFi6E	111	6505	WiFi 802.11ax 160M	Cheek Left	0mm	\	8.48	9	99.00%	0.089	0.10	0.026	0.03	-0.05
7	Head	WiFi6E	111	6505	WiFi 802.11ax 160M	Tilt Left	0mm	\	8.48	9	99.00%	0.085	0.10	0.022	0.02	-0.14
7	Head	WiFi6E	111	6505	WiFi 802.11ax 160M	Cheek Right	0mm	\	8.48	9	99.00%	0.051	0.06	0.013	0.01	-0.06
7	Head	WiFi6E	111	6505	WiFi 802.11ax 160M	Tilt Right	0mm	\	8.48	9	99.00%	0.067	0.08	0.016	0.02	-0.01
7	Head	WiFi6E	143	6665	WiFi 802.11ax 160M	Cheek Left	0mm	\	8.37	9	99.00%	0.083	0.10	0.02	0.02	0.05
7	Head	WiFi6E	143	6665	WiFi 802.11ax 160M	Tilt Left	0mm	\	8.37	9	99.00%	0.088	0.10	0.016	0.02	0.08
7	Head	WiFi6E	143	6665	WiFi 802.11ax 160M	Cheek Right	0mm	\	8.37	9	99.00%	0.061	0.07	0.01	0.01	-0.04
7	Head	WiFi6E	143	6665	WiFi 802.11ax 160M	Tilt Right	0mm	\	8.37	9	99.00%	0.045	0.05	0.013	0.02	0.05
7	Head	WiFi6E	175	6825	WiFi 802.11ax 160M	Cheek Left	0mm	\	8.41	9	99.00%	0.074	0.09	0.02	0.02	-0.12
7	Head	WiFi6E	175	6825	WiFi 802.11ax 160M	Tilt Left	0mm	\	8.41	9	99.00%	0.071	0.08	0.018	0.02	0.13
7	Head	WiFi6E	175	6825	WiFi 802.11ax 160M	Cheek Right	0mm	\	8.41	9	99.00%	0.055	0.06	0.009	0.01	-0.03
7	Head	WiFi6E	175	6825	WiFi 802.11ax 160M	Tilt Right	0mm	\	8.41	9	99.00%	0.046	0.05	0.007	0.01	-0.16
7	Head	WiFi6E	207	6985	WiFi 802.11ax 160M	Cheek Left	0mm	\	8.2	9	99.00%	0.109	0.13	0.026	0.03	0.05
7	Head	WiFi6E	207	6985	WiFi 802.11ax 160M	Tilt Left	0mm	\	8.2	9	99.00%	0.14	0.17	0.043	0.05	0.03
7	Head	WiFi6E	207	6985	WiFi 802.11ax 160M	Cheek Right	0mm	\	8.2	9	99.00%	0.047	0.06	0.016	0.02	-0.11
7	Head	WiFi6E	207	6985	WiFi 802.11ax 160M	Tilt Right	0mm	\	8.2	9	99.00%	0.069	0.08	0.021	0.03	0.07
7	Body	WiFi6E	7	5985	WiFi 802.11ax 80M	Front	19mm	50	15.09	16	99.00%	0.341	0.42	0.171	0.21	0.15
7	Body	WiFi6E	7	5985	WiFi 802.11ax 80M	Rear	26mm	\	15.09	16	99.00%	0.318	0.40	0.161	0.20	0.05
7	Body	WiFi6E	7	5985	WiFi 802.11ax 80M	Right	38mm	\	15.09	16	99.00%	0.29	0.36	0.153	0.19	-0.03
7	Body	WiFi6E	7	5985	WiFi 802.11ax 80M	Top	15mm	\	15.09	16	99.00%	0.197	0.25	0.09	0.11	-0.1
7	Body	WiFi6E	55	6225	WiFi 802.11ax 80M	Front	19mm	\	15.37	16	99.00%	0.26	0.30	0.106	0.12	-0.04
7	Body	WiFi6E	55	6225	WiFi 802.11ax 80M	Rear	26mm	\	15.37	16	99.00%	0.211	0.25	0.088	0.10	-0.17
7	Body	WiFi6E	55	6225	WiFi 802.11ax 80M	Right	38mm	\	15.37	16	99.00%	0.244	0.28	0.106	0.12	0.04
7	Body	WiFi6E	55	6225	WiFi 802.11ax 80M	Top	15mm	\	15.37	16	99.00%	0.189	0.20	0.066	0.08	-0.08
7	Body	WiFi6E	103	6465	WiFi 802.11ax 80M	Front	19mm	\	15.08	16	99.00%	0.1	0.12	0.042	0.05	0.18
7	Body	WiFi6E	103	6465	WiFi 802.11ax 80M	Rear	26mm	\	15.08	16	99.00%	0.126	0.16	0.031	0.04	0.04
7	Body	WiFi6E	103	6465	WiFi 802.11ax 80M	Right	38mm	\	15.08	16	99.00%	0.089	0.11	0.02	0.02	-0.07
7	Body	WiFi6E	103	6465	WiFi 802.11ax 80M	Top	15mm	\	15.08	16	99.00%	0.129	0.16	0.048	0.06	-0.04
7	Body	WiFi6E	151	6705	WiFi 802.11ax 80M	Front	19mm	\	15.1	16	99.00%	0.075	0.09	0.035	0.04	-0.08
7	Body	WiFi6E	151	6705	WiFi 802.11ax 80M	Rear	26mm	\	15.1	16	99.00%	0.063	0.08	0.023	0.03	0.15
7	Body	WiFi6E	151	6705	WiFi 802.11ax 80M	Right	38mm	\	15.1	16	99.00%	0.082	0.10	0.033	0.04	0.05
7	Body	WiFi6E	151	6705	WiFi 802.11ax 80M	Top	15mm	\	15.1	16	99.00%	0.061	0.08	0.037	0.05	-0.11
7	Body	WiFi6E	215	7025	WiFi 802.11ax 80M	Front	19mm	\	14.66	16	99.00%	0.044	0.06	0.03	0.04	-0.13
7	Body	WiFi6E	215	7025	WiFi 802.11ax 80M	Rear	26mm	\	14.66	16	99.00%	0.077	0.11	0.029	0.04	-0.07
7	Body	WiFi6E	215	7025	WiFi 802.11ax 80M	Right	38mm	\	14.66	16	99.00%	0.049	0.07	0.02	0.03	-0.14
7	Body	WiFi6E	215	7025	WiFi 802.11ax 80M	Top	15mm	\	14.66	16	99.00%	0.079	0.11	0.076	0.10	-0.08
7	Body	WiFi6E	15	6025	WiFi 802.11ax 160M	Front	10mm	\	3.69	4.8	99.00%	0.077	0.10	0.03	0.04	0.13
7	Body	WiFi6E	15	6025	WiFi 802.11ax 160M	Rear	10mm	\	3.69	4.8	99.00%	0.144	0.19	0.05	0.06	0.17
7	Body	WiFi6E	15	6025	WiFi 802.11ax 160M	Right	10mm	\	3.69	4.8	99.00%	0.242	0.32	0.087	0.11	0.05
7	Body	WiFi6E	15	6025	WiFi 802.11ax 160M	Top	10mm	\	3.69	4.8	99.00%	0.151	0.20	0.033	0.04	-0.06
7	Body	WiFi6E	79	6345	WiFi 802.11ax 160M	Front	10mm	\	3.47	4.8	99.00%	0.112	0.15	0.026	0.04	0.03
7	Body	WiFi6E	79	6345	WiFi 802.11ax 160M	Rear	10mm	\	3.47	4.8	99.00%	0.12	0.16	0.038	0.05	0.02
7	Body	WiFi6E	79	6345	WiFi 802.11ax 160M	Right	10mm	\	3.47	4.8	99.00%	0.197	0.27	0.063	0.09	-0.12
7	Body	WiFi6E	79	6345	WiFi 802.11ax 160M	Top	10mm	\	3.47	4.8	99.00%	0.147	0.20	0.035	0.05	0.02
7	Body	WiFi6E	111	6505	WiFi 802.11ax 160M	Front	10mm	\	3.38	4.8	99.00%	0.095	0.13	0.023	0.03	0.16
7	Body	WiFi6E	111	6505	WiFi 802.11ax 160M	Rear	10mm	\	3.38	4.8	99.00%	0.111	0.16	0.027	0.04	0.08
7	Body	WiFi6E	111	6505	WiFi 802.11ax 160M	Right	10mm	\	3.38	4.8	99.00%	0.073	0.10	0.023	0.03	0.1
7	Body	WiFi6E	111	6505	WiFi 802.11ax 160M	Top	10mm	\	3.38	4.8	99.00%	0.126	0.18	0.031	0.04	-0.14
7	Body	WiFi6E	175	6825	WiFi 802.11ax 160M	Front	10mm	\	3.45	4.8	99.00%	0.043	0.06	0.022	0.03	-0.15
7	Body	WiFi6E	175	6825	WiFi 802.11ax 160M	Rear	10mm	\	3.45	4.8	99.00%	0.053	0.07	0.029	0.04	-0.04
7	Body	WiFi6E	175	6825	WiFi 802.11ax 160M	Right	10mm	\	3.45	4.8	99.00%	0.073	0.10	0.032	0.04	-0.03
7	Body	WiFi6E	175	6825	WiFi 802.11ax 160M	Top	10mm	\	3.45	4.8	99.00%	0.024	0.03	0.011	0.02	-0.12
7	Body	WiFi6E	207	6985	WiFi 802.11ax 160M	Front	10mm	\	3.16	4.8	99.00%	0.056	0.08	0.03	0.04	0.05
7	Body	WiFi6E	207	6985	WiFi 802.11ax 160M	Rear	10mm	\	3.16	4.8	99.00%	0.029	0.04	0.021	0.03	0.02
7	Body	WiFi6E	207	6985	WiFi 802.11ax 160M	Right	10mm	\	3.16	4.8	99.00%	0.023	0.03	0.017	0.02	0.01
7	Body	WiFi6E	207	6985	WiFi 802.11ax 160M	Top	10mm	\	3.16	4.8	99.00%	0.038	0.06	0.019	0.03	-0.15
9	Head	WiFi6E	47	6185	WiFi 802.11ax 160M	Cheek Left	0mm	\	7.93	8	100.00%	0.088	0.09	0.033	0.03	-0.07
9	Head	WiFi6E	47	6185	WiFi 802.11ax 160M	Tilt Left	0mm	\	7.93	8	100.00%	0.024	0.02	0.007	0.01	0.16
9	Head	WiFi6E	47	6185	WiFi 802.11ax 160M	Cheek Right	0mm	\	7.93	8	100.00%	0.038	0.04	0.016	0.02	0.06
9	Head	WiFi6E	47	6185	WiFi 802.11ax 160M	Tilt Right	0mm	\	7.93	8	100.00%	0.019	0.02	0.005	0.01	0.1
9	Head	WiFi6E	111	6505	WiFi 802.11ax 160M	Cheek Left	0mm	\	7.78	8	100.00%	<0.01	<0.01	<0.01	<0.01	\
9	Head	WiFi6E	111	6505	WiFi 802.11ax 160M	Tilt Left	0mm	\	7.78	8	100.00%	0.008	0.01	0.004	0.00	0.04
9	Head	WiFi6E	111	6505	WiFi 802.11ax 160M	Cheek Right	0mm	\	7.78	8	100.00%	<0.01	<0.01	<0.01	<0.01	\
9	Head	WiFi6E	111	6505	WiFi 802.11ax 160M	Tilt Right	0mm	\	7.78	8	100.00%	<0.01	<0.01	<0.01	<0.01	\
9	Head	WiFi6E	143	6665	WiFi 802.11ax 160M	Cheek Left	0mm	\	7.72	8	100.00%	0.041	0.04	0.008	0.01	0.11
9	Head	WiFi6E	143	6665	WiFi 802.11ax 160M	Tilt Left	0mm	\	7.72	8	100.00%	0.045	0.05	0.008	0.01	-0.08
9	Head	WiFi6E	143	6665	WiFi 802.11ax 160M	Cheek Right	0mm	\	7.72	8	100.00%	0.042	0.04	0.007	0.01	-0.17
9	Head	WiFi6E	143	6665	WiFi 802.11ax 160M	Tilt Right	0mm	\	7.72	8	100.00%	0.034	0.04	0.004	0.00	-0.17
9	Head	WiFi6E	175	6825	WiFi 802.11ax 160M	Cheek Left	0mm	\	7.81	8	100.00%	0.049	0.05	0.016	0.02	0.03
9	Head	WiFi6E	175	6825	WiFi 802.11ax 160M	Tilt Left	0mm	\	7.81	8	100.00%	0.031	0.03	0.007	0.01	0.08
9	Head	WiFi6E	175	6825	WiFi 802.11ax 160M	Cheek Right	0mm	\	7.81	8	100.00%	0.053	0.06	0.012	0.01	-0.1
9	Head	WiFi6E	175	6825	WiFi 802.11ax 160M	Tilt Right	0mm	\	7.81	8	100.00%	0.062	0.06	0.013	0.01	0.07
9	Head	WiFi6E	207	6985	WiFi 802.11ax 160M	Cheek Left	0mm	\	7.43	8	100.00%	0.066	0.08	0.016	0.02	0.01
9	Head	WiFi6E	207	6985	WiFi 802.11ax 160M	Tilt Left	0mm	\	7.43	8	100.00%	0.063	0.07	0.011	0.01	0.04
9	Head	WiFi6E	207	6985	WiFi 802.11ax 160M	Cheek Right	0mm	\								

12.4 SAR results for BT

ANT	RF Exposure Condition	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Duty Cycle	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
6	Head	BT	39	2441	DH5	Cheek Left	0mm	51	13.67	15.5	100.00%	0.086	0.13	0.045	0.07	0.01
6	Head	BT	39	2441	DH5	Tilt Left	0mm	\	13.67	15.5	100.00%	0.079	0.12	0.039	0.06	0.06
6	Head	BT	39	2441	DH5	Cheek Right	0mm	\	13.67	15.5	100.00%	0.036	0.05	0.019	0.03	-0.05
6	Head	BT	39	2441	DH5	Tilt Right	0mm	\	13.67	15.5	100.00%	0.04	0.06	0.021	0.03	0.11
6	Body	BT	39	2441	DH5	Front	10mm	\	13.67	15.5	100.00%	0.036	0.05	0.022	0.03	0.07
6	Body	BT	39	2441	DH5	Rear	10mm	\	13.67	15.5	100.00%	<0.01	<0.01	<0.01	<0.01	\
6	Body	BT	39	2441	DH5	Right	10mm	\	13.67	15.5	100.00%	0.035	0.05	0.013	0.02	0.05
6	Body	BT	39	2441	DH5	Top	10mm	52	13.67	15.5	100.00%	0.041	0.06	0.023	0.04	-0.13

12.5 PD results for WIFI6E

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured Normal psPD (W/m ²)	Calculated Normal psPD (W/m ²)	Measured Total psPD (W/m ²)	Calculated Total psPD (W/m ²)	Power Drift
7	Head	WLAN6E	15	6025	WIFI 802.11ax160M	Front	2mm	\	99.00%	8.45	9	0.268	0.31	0.993	1.14	0.01
7	Head	WLAN6E	79	6345	WIFI 802.11ax160M	Front	2mm	\	99.00%	7.9	9	<0.01	<0.01	<0.01	<0.01	\
7	Head	WLAN6E	111	6505	WIFI 802.11ax160M	Front	2mm	53	99.00%	8.48	9	0.313	0.36	1.75	1.99	0.01
7	Head	WLAN6E	175	6825	WIFI 802.11ax160M	Front	2mm	\	99.00%	8.41	9	<0.01	<0.01	<0.01	<0.01	\
7	Head	WLAN6E	207	6985	WIFI 802.11ax160M	Front	2mm	\	99.00%	8.2	9	0.797	0.97	1.57	1.91	0.07
9	Head	WLAN6E	47	6185	WIFI 802.11ax160M	Front	2mm	\	99.00%	7.93	8	0.033	0.03	0.17	0.17	0.03
9	Head	WLAN6E	111	6505	WIFI 802.11ax160M	Front	2mm	\	99.00%	7.78	8	0.1	0.11	0.222	0.24	0.01
9	Head	WLAN6E	143	6665	WIFI 802.11ax160M	Front	2mm	54	99.00%	7.72	8	0.152	0.16	0.23	0.25	0.05
9	Head	WLAN6E	175	6825	WIFI 802.11ax160M	Front	2mm	\	99.00%	7.81	8	0.016	0.02	0.037	0.04	0.08
9	Head	WLAN6E	207	6985	WIFI 802.11ax160M	Front	2mm	\	99.00%	7.43	8	0.005	0.01	0.02	0.02	-0.13
7	Body	WLAN6E	55	6225	WIFI 802.11ax80M	Front	19mm	\	99.00%	15.37	16	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN6E	55	6225	WIFI 802.11ax80M	Rear	26mm	\	99.00%	15.37	16	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN6E	55	6225	WIFI 802.11ax80M	Right	38mm	\	99.00%	15.37	16	3.99	4.66	4.13	4.82	0.08
7	Body	WLAN6E	7	5985	WIFI 802.11ax80M	Right	38mm	55	99.00%	15.09	16	5.14	6.40	5.32	6.63	-0.11
7	Body	WLAN6E	103	6465	WIFI 802.11ax80M	Right	38mm	\	99.00%	15.08	16	1.44	1.80	1.51	1.89	0.11
7	Body	WLAN6E	151	6705	WIFI 802.11ax80M	Right	38mm	\	99.00%	15.1	16	1	1.24	1.02	1.27	-0.05
7	Body	WLAN6E	215	7025	WIFI 802.11ax80M	Right	38mm	\	99.00%	14.66	16	1.01	1.39	1.06	1.46	-0.03
7	Body	WLAN6E	55	6225	WIFI 802.11ax80M	Top	15mm	\	99.00%	15.37	16	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN6E	55	6225	WIFI 802.11ax80M	Left	2mm	\	99.00%	15.37	16	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN6E	55	6225	WIFI 802.11ax80M	Bottom	2mm	\	99.00%	15.37	16	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN6E	15	6025	WIFI 802.11ax160M	Front	2mm	\	99.00%	3.69	4.8	0.134	0.17	0.239	0.31	-0.03
7	Body	WLAN6E	15	6025	WIFI 802.11ax160M	Rear	2mm	\	99.00%	3.69	4.8	0.057	0.07	0.086	0.11	-0.02
7	Body	WLAN6E	15	6025	WIFI 802.11ax160M	Right	2mm	\	99.00%	3.69	4.8	1.51	1.97	2.63	3.43	-0.03
7	Body	WLAN6E	15	6025	WIFI 802.11ax160M	Top	2mm	\	99.00%	3.69	4.8	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN6E	79	6345	WIFI 802.11ax160M	Right	2mm	\	99.00%	3.47	4.8	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN6E	111	6505	WIFI 802.11ax160M	Right	2mm	\	99.00%	3.38	4.8	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN6E	175	6825	WIFI 802.11ax160M	Right	2mm	\	99.00%	3.45	4.8	<0.01	<0.01	<0.01	<0.01	\
7	Body	WLAN6E	207	6985	WIFI 802.11ax160M	Right	2mm	\	99.00%	3.16	4.8	<0.01	<0.01	<0.01	<0.01	\
9	Body	WLAN6E	47	6185	WIFI 802.11ax160M	Front	2mm	\	99.00%	7.93	8	0.033	0.03	0.17	0.17	0.03
9	Body	WLAN6E	47	6185	WIFI 802.11ax160M	Rear	2mm	\	99.00%	7.93	8	0.057	0.06	0.095	0.10	-0.03
9	Body	WLAN6E	47	6185	WIFI 802.11ax160M	Right	2mm	\	99.00%	7.93	8	1.98	2.03	3.22	3.31	0.11
9	Body	WLAN6E	111	6505	WIFI 802.11ax160M	Right	2mm	\	99.00%	7.78	8	<0.01	<0.01	<0.01	<0.01	\
9	Body	WLAN6E	143	6665	WIFI 802.11ax160M	Right	2mm	56	99.00%	7.72	8	1.91	2.06	3.27	3.52	-0.03
9	Body	WLAN6E	175	6825	WIFI 802.11ax160M	Right	2mm	\	99.00%	7.81	8	<0.01	<0.01	<0.01	<0.01	\
9	Body	WLAN6E	207	6985	WIFI 802.11ax160M	Right	2mm	\	99.00%	7.43	8	<0.01	<0.01	<0.01	<0.01	\
9	Body	WLAN6E	47	6185	WIFI 802.11ax160M	Top	2mm	\	99.00%	7.93	8	<0.01	<0.01	<0.01	<0.01	\
9	Body	WLAN6E	47	6185	WIFI 802.11ax160M	Left	2mm	\	99.00%	7.93	8	<0.01	<0.01	<0.01	<0.01	\
9	Body	WLAN6E	47	6185	WIFI 802.11ax160M	Bottom	2mm	\	99.00%	7.93	8	<0.01	<0.01	<0.01	<0.01	\

Note: Proximity sensor is applied for ANT7, Power Density with reduced power have been tested at 2mm, Power Density with maximum output power have been tested at 19mm/26mm/38mm/15mm.

12.6 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

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	Limb	LTE B48 PC3	56640	3690	50RB-High	Top	0mm	21.35	23	3.98	5.82	1.14	1.67	0.12
5	Limb	LTE B48 PC3	55990	3625	50RB-High	Top	0mm	21.38	23	5.11	7.42	1.46	2.12	0.05
5	Limb	LTE B48 PC3	55340	3560	50RB-High	Top	0mm	21.55	23	6.68	9.33	1.89	2.64	-0.01

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test Position	Distance	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	Limb	n78L	636000	3540	DFT-s-OFDM QPSK	Top	0mm	21.93	23.5	6.29	9.03	1.62	2.33	-0.08
4	Limb	n78L	633334	3500.01	DFT-s-OFDM QPSK	Top	0mm	22.53	23.5	5.49	6.86	1.64	2.05	0.11
4	Limb	n78L	630668	3460.02	DFT-s-OFDM QPSK	Top	0mm	22.42	23.5	7.15	9.17	2.14	2.74	0.05

13 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 (~ 10% from the 1-g SAR limit).
- 4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20

Band	ANT	Frequency		Test Position	Original SAR (W/kg)	First Repeated SAR (W/kg)	The Ratio	Second Repeated SAR (W/kg)
		Ch.	MHz					
GSM1900	4	810	1909.8	GPRS(3) Right Cheek	0.82	0.803	1.02	/
WCDMA B4	1	1312	1712.4	RMC Bottom 16mm	1.09	1.05	1.04	/
LTE B7	4	20850	2510	1RB-Low Front 10mm	0.815	0.786	1.04	/
LTE B7	4	20850	2510	1RB-Low Rear 10mm	0.844	0.832	1.01	/
LTE B25	1	26590	1905	1RB-Mid Bottom 16mm	0.91	0.903	1.01	/
LTE B25	4	26590	1905	50RB-High Top 10mm	0.891	0.877	1.02	/
LTE B26	0	26965	841.5	1RB-Low Rear 10mm	0.823	0.802	1.03	/
LTE B48	5	55340	3560	50RB-High Top 10mm	0.997	0.968	1.03	/
n41	8	518598	2592.99	Left Cheek	1.06	1.04	1.02	/
n78	5	633334	3500.01	Top 24mm	1.13	1.11	1.02	/
n78	4	633334	3460.02	Left Cheek	0.948	0.932	1.02	/
n78	4	633334	3460.02	Rear 10mm	0.82	0.81	1.01	/
n78	4	633334	3460.02	Top 10mm	1.03	1.02	1.01	/
n78	2	633334	3500.01	Right Cheek	0.851	0.825	1.03	/
WIFI5G	7	114	5570	Right 10mm	0.853	0.831	1.03	/

14 Simultaneous TX SAR Considerations

14.1 Transmit Antenna Separation Distances

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

Appendix to test report No. 25T04Z100363-020

The photos of SAR test

14.2 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.

The distance from the TX antenna to each side of the phone(unit: mm)						
distance	Front Side	Back Side	Left Side	Right Side	Top Side	Bottom Side
ANT0	<1	<1	<1	>30	>100	<1
ANT1	<1	<1	>32	<10	>100	<1
ANT2	<1	<1	>50	<1	>30	0
ANT3	<1	<1	>50	<1	<20	>100
ANT4	<1	<1	>50	<1	<1	>100
ANT5	<1	<1	<25	>25	<1	>100
ANT6	<1	<1	<1	>50	<1	>100
ANT7	<1	<1	<1	>50	<25	>100
ANT8	<1	<1	<1	>50	>25	>100
ANT9	<1	<1	<1	>50	>30	0

14.3 Simultaneous Transmission

14.3.1 Introduction

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

14.3.2 Sum of SAR

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

14.3.3 SAR to Peak Location Ratio (SPLSR)

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

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

Where:

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

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

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

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

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

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

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

14.3.4 Simultaneous Transmission Capabilities

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

NO.	Simultaneous TX	Head	Body
1	2/3/4/5G SA/NSA+BT_2.4G	YES	YES
2	2/3/4/5G SA/NSA+WIFI_2.4G_CH0	YES	YES
3	2/3/4/5G SA/NSA+WIFI_2.4G_CH1	YES	YES
4	2/3/4/5G SA/NSA+WIFI_5G_CH0	YES	YES
5	2/3/4/5G SA/NSA+WIFI_5G_CH1	YES	YES
6	2/3/4/5G SA/NSA+WIFI_6E_CH0	YES	YES
7	2/3/4/5G SA/NSA+WIFI_6E_CH1	YES	YES
8	2/3/4/5G SA/NSA+WIFI_2.4G_MIMO	YES	YES
9	2/3/4/5G SA/NSA+WIFI_5G_MIMO	YES	YES
10	2/3/4/5G SA/NSA+WIFI_6E_MIMO	YES	YES
11	2/3/4/5G SA/NSA+WIFI_5G_CH0+BT	YES	YES
12	2/3/4/5G SA/NSA+WIFI_5G_CH1+BT	YES	YES
13	2/3/4/5G SA/NSA+WIFI_6E_CH0+BT	YES	YES
14	2/3/4/5G SA/NSA+WIFI_6E_CH1+BT	YES	YES
15	2/3/4/5G SA/NSA+WIFI_5G_MIMO+BT	YES	YES
16	2/3/4/5G SA/NSA+WIFI_6E_MIMO+BT	YES	YES
17	2/3/4/5G SA/NSA+NFC	YES	YES
18	2/3/4/5G SA/NSA+BT_2.4G+NFC	YES	YES
19	2/3/4/5G SA/NSA+WIFI_2.4G_CH0+NFC	YES	YES
20	2/3/4/5G SA/NSA+WIFI_2.4G_CH1+NFC	YES	YES
21	2/3/4/5G SA/NSA+WIFI_5G_CH0+NFC	YES	YES
22	2/3/4/5G SA/NSA+WIFI_5G_CH1+NFC	YES	YES
23	2/3/4/5G SA/NSA+WIFI_6E_CH0+NFC	YES	YES
24	2/3/4/5G SA/NSA+WIFI_6E_CH1+NFC	YES	YES
25	2/3/4/5G SA/NSA+WIFI_2.4G_MIMO+NFC	YES	YES
26	2/3/4/5G SA/NSA+WIFI_5G_MIMO+NFC	YES	YES
27	2/3/4/5G SA/NSA+WIFI_6E_MIMO+NFC	YES	YES
28	2/3/4/5G SA/NSA+WIFI_5G_CH0+BT+NFC	YES	YES
29	2/3/4/5G SA/NSA+WIFI_5G_CH1+BT+NFC	YES	YES
30	2/3/4/5G SA/NSA+WIFI_6E_CH0+BT+NFC	YES	YES
31	2/3/4/5G SA/NSA+WIFI_6E_CH1+BT+NFC	YES	YES
32	2/3/4/5G SA/NSA+WIFI_5G_MIMO+BT+NFC	YES	YES
33	2/3/4/5G SA/NSA+WIFI_6E_MIMO+BT+NFC	YES	YES

Note:

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

14.3.5 Evaluation of Simultaneous

Evaluation of Simultaneous for WWAN(2G/3G/4G) +WIFI+BT

Position/Band	ANT1		ANT2		ANT3		ANT4		ANT5		ANT6		ANT7		ANT8		ANT9		ANT10		ANT11		ANT12		ANT13		ANT14		ANT15		ANT16		ANT17		ANT18		ANT19		ANT20		ANT21		ANT22		ANT23		ANT24		ANT25		ANT26		ANT27		ANT28		ANT29		ANT30		ANT31		ANT32		ANT33		ANT34		ANT35		ANT36		ANT37		ANT38		ANT39		ANT40		ANT41		ANT42		ANT43		ANT44		ANT45		ANT46		ANT47		ANT48		ANT49		ANT50		ANT51		ANT52		ANT53		ANT54		ANT55		ANT56		ANT57		ANT58		ANT59		ANT60		ANT61		ANT62		ANT63		ANT64		ANT65		ANT66		ANT67		ANT68		ANT69		ANT70		ANT71		ANT72		ANT73		ANT74		ANT75		ANT76		ANT77		ANT78		ANT79		ANT80		ANT81		ANT82		ANT83		ANT84		ANT85		ANT86		ANT87		ANT88		ANT89		ANT90		ANT91		ANT92		ANT93		ANT94		ANT95		ANT96		ANT97		ANT98		ANT99		ANT100		ANT101		ANT102		ANT103		ANT104		ANT105		ANT106		ANT107		ANT108		ANT109		ANT110		ANT111		ANT112		ANT113		ANT114		ANT115		ANT116		ANT117		ANT118		ANT119		ANT120		ANT121		ANT122		ANT123		ANT124		ANT125		ANT126		ANT127		ANT128		ANT129		ANT130		ANT131		ANT132		ANT133		ANT134		ANT135		ANT136		ANT137		ANT138		ANT139		ANT140		ANT141		ANT142		ANT143		ANT144		ANT145		ANT146		ANT147		ANT148		ANT149		ANT150		ANT151		ANT152		ANT153		ANT154		ANT155		ANT156		ANT157		ANT158		ANT159		ANT160		ANT161		ANT162		ANT163		ANT164		ANT165		ANT166		ANT167		ANT168		ANT169		ANT170		ANT171		ANT172		ANT173		ANT174		ANT175		ANT176		ANT177		ANT178		ANT179		ANT180		ANT181		ANT182		ANT183		ANT184		ANT185		ANT186		ANT187		ANT188		ANT189		ANT190		ANT191		ANT192		ANT193		ANT194		ANT195		ANT196		ANT197		ANT198		ANT199		ANT200		ANT201		ANT202		ANT203		ANT204		ANT205		ANT206		ANT207		ANT208		ANT209		ANT210		ANT211		ANT212		ANT213		ANT214		ANT215		ANT216		ANT217		ANT218		ANT219		ANT220		ANT221		ANT222		ANT223		ANT224		ANT225		ANT226		ANT227		ANT228		ANT229		ANT230		ANT231		ANT232		ANT233		ANT234		ANT235		ANT236		ANT237		ANT238		ANT239		ANT240		ANT241		ANT242		ANT243		ANT244		ANT245		ANT246		ANT247		ANT248		ANT249		ANT250		ANT251		ANT252		ANT253		ANT254		ANT255		ANT256		ANT257		ANT258		ANT259		ANT260		ANT261		ANT262		ANT263		ANT264		ANT265		ANT266		ANT267		ANT268		ANT269		ANT270		ANT271		ANT272		ANT273		ANT274		ANT275		ANT276		ANT277		ANT278		ANT279		ANT280		ANT281		ANT282		ANT283		ANT284		ANT285		ANT286		ANT287		ANT288		ANT289		ANT290		ANT291		ANT292		ANT293		ANT294		ANT295		ANT296		ANT297		ANT298		ANT299		ANT300		ANT301		ANT302		ANT303		ANT304		ANT305		ANT306		ANT307		ANT308		ANT309		ANT310		ANT311		ANT312		ANT313		ANT314		ANT315		ANT316		ANT317		ANT318		ANT319		ANT320		ANT321		ANT322		ANT323		ANT324		ANT325		ANT326		ANT327		ANT328		ANT329		ANT330		ANT331		ANT332		ANT333		ANT334		ANT335		ANT336		ANT337		ANT338		ANT339		ANT340		ANT341		ANT342		ANT343		ANT344		ANT345		ANT346		ANT347		ANT348		ANT349		ANT350		ANT351		ANT352		ANT353		ANT354		ANT355		ANT356		ANT357		ANT358		ANT359		ANT360		ANT361		ANT362		ANT363		ANT364		ANT365		ANT366		ANT367		ANT368		ANT369		ANT370		ANT371		ANT372		ANT373		ANT374		ANT375		ANT376		ANT377		ANT378		ANT379		ANT380		ANT381		ANT382		ANT383		ANT384		ANT385		ANT386		ANT387		ANT388		ANT389		ANT390		ANT391		ANT392		ANT393		ANT394		ANT395		ANT396		ANT397		ANT398		ANT399		ANT400		ANT401		ANT402		ANT403		ANT404		ANT405		ANT406		ANT407		ANT408		ANT409		ANT410		ANT411		ANT412		ANT413		ANT414		ANT415		ANT416		ANT417		ANT418		ANT419		ANT420		ANT421		ANT422		ANT423		ANT424		ANT425		ANT426		ANT427		ANT428		ANT429		ANT430		ANT431		ANT432		ANT433		ANT434		ANT435		ANT436		ANT437		ANT438		ANT439		ANT440		ANT441		ANT442		ANT443		ANT444		ANT445		ANT446		ANT447		ANT448		ANT449		ANT450		ANT451		ANT452		ANT453		ANT454		ANT455		ANT456		ANT457		ANT458		ANT459		ANT460		ANT461		ANT462		ANT463		ANT464		ANT465		ANT466		ANT467		ANT468		ANT469		ANT470		ANT471		ANT472		ANT473		ANT474		ANT475		ANT476		ANT477		ANT478		ANT479		ANT480		ANT481		ANT482		ANT483		ANT484		ANT485		ANT486		ANT487		ANT488		ANT489		ANT490		ANT491		ANT492		ANT493		ANT494		ANT495		ANT496		ANT497		ANT498		ANT499		ANT500		ANT501		ANT502		ANT503		ANT504		ANT505		ANT506		ANT507		ANT508		ANT509		ANT510		ANT511		ANT512		ANT513		ANT514		ANT515		ANT516		ANT517		ANT518		ANT519		ANT520		ANT521		ANT522		ANT523		ANT524		ANT525		ANT526		ANT527		ANT528		ANT529		ANT530		ANT531		ANT532		ANT533		ANT534		ANT535		ANT536		ANT537		ANT538		ANT539		ANT540		ANT541		ANT542		ANT543		ANT544		ANT545		ANT546		ANT547		ANT548		ANT549		ANT550		ANT551		ANT552		ANT553		ANT554		ANT555		ANT556		ANT557		ANT558		ANT559		ANT560		ANT561		ANT562		ANT563		ANT564		ANT565		ANT566		ANT567		ANT568		ANT569		ANT570		ANT571		ANT572		ANT573		ANT574		ANT575		ANT576		ANT577		ANT578		ANT579		ANT580		ANT581		ANT582		ANT583		ANT584		ANT585		ANT586		ANT587		ANT588		ANT589		ANT590		ANT591		ANT592		ANT593		ANT594		ANT595		ANT596		ANT597		ANT598		ANT599		ANT600		ANT601		ANT602		ANT603		ANT604		ANT605		ANT606		ANT607		ANT608		ANT609		ANT610		ANT611		ANT612		ANT613		ANT614		ANT615		ANT616		ANT617		ANT618		ANT619		ANT620		ANT621		ANT622		ANT623		ANT624		ANT625		ANT626		ANT627		ANT628		ANT629		ANT630		ANT631		ANT632		ANT633		ANT634		ANT635		ANT636		ANT637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Evaluation of Simultaneous for WWAN(5G NR) +WIFI+BT

Position\Band	ANT1 n7	ANT4 n7	ANT1 n25	ANT4 n25	ANT1 n41	ANT4 n41	ANT3 n41	ANT8 n41	ANT5 n48	ANT7 n48	ANT4 n48	ANT2 n48	ANT1 n66	ANT4 n66	ANT0 n71	ANT2 n71	ANT5 n78	ANT7 n78	ANT4 n78	ANT2 n78	MAX SAR 1g		
Head	Left Cheek	0.09	0.45	0.12	0.49	0.14	0.39	0.12	0.56	0.26	0.52	0.20	0.39	0.08	0.43	0.13	0.46	0.33	0.38	0.42	0.56		
	Left Tilt	0.05	0.51	0.08	0.67	0.06	0.43	0.11	0.23	0.45	0.65	0.27	0.09	0.08	0.64	0.10	0.08	0.65	0.51	0.49	0.20	0.67	
	Right Cheek	0.08	0.88	0.18	0.59	0.10	0.79	0.84	0.18	0.28	0.12	0.48	0.64	0.06	0.70	0.18	0.23	0.40	0.08	0.79	0.53	0.88	
	Right Tilt	0.06	0.83	0.12	0.64	0.11	0.69	0.29	0.12	0.49	0.12	0.57	0.22	0.06	0.75	0.11	0.06	0.64	0.09	0.96	0.28	0.96	
Body 10mm	Front	0.36	0.58	0.47	0.43	0.13	0.59	0.12	0.30	0.18	0.32	0.50	0.36	0.26	0.40	0.18	0.30	0.18	0.16	0.50	0.13	0.59	
	Rear	0.55	0.59	0.60	0.53	0.20	0.63	0.65	0.28	0.43	0.49	0.65	0.30	0.62	0.21	0.34	0.48	0.31	0.65	0.30	0.66	0.66	
	Left	0.06	0.46	0.06	0.31	0.12	0.42	0.42		0.05		0.21	0.56		0.39		0.42	0.06		0.26	0.21	0.56	
	Right								0.38			0.34							0.33				0.38
	Bottom	0.78		0.82		0.33										0.33		0.05		0.87	0.20	1.10	0.12
Top	0.39		0.71		0.17		0.07	0.10	0.67	0.27	1.02	0.39		0.76								1.10	

Position\Band	1 WWAN	2 WIFI2.4G ANT6	3 WIFI2.4G ANT9	4 WIFI2.4G MIMO	5 WIFI5G ANT7	6 WIFI5G ANT9	7 WIFI5G MIMO	8 WIFI6E ANT7	9 WIFI6E ANT9	10 WIFI6E MIMO	11 BT ANT6
Head	Left Cheek	0.56	0.43	0.13	0.56	0.29	0.30	0.59	0.32	0.09	0.41
	Left Tilt	0.67	0.39	0.00	0.39	0.14	0.10	0.24	0.16	0.07	0.23
	Right Cheek	0.98	0.17	0.47	0.64	0.08	0.10	0.18	0.07	0.05	0.12
	Right Tilt	0.96	0.21	0.00	0.21	0.08	0.09	0.17	0.08	0.06	0.14
Body 10mm	Front	0.59	0.18	0.28	0.46	0.21	0.18	0.39	0.15	0.07	0.22
	Rear	0.66	0.19	0.33	0.52	0.25	0.51	0.76	0.19	0.07	0.26
	Left	0.56			0.00			0.00			0.00
	Right	0.38	0.13	0.89	1.02	0.58	0.58	1.16	0.32	0.07	0.39
	Bottom	0.82			0.00			0.00			0.00
Top	1.10	0.23	0.02	0.25	0.18	0.18	0.36	0.20	0.06	0.26	0.06

Position\Band		Simultaneous Transmission			MAX SAR 1g
		1+2+3+11	1+5+6+11	1+8+9+11	
Head	Left Cheek	1.25	1.28	1.10	1.28
	Left Tilt	1.18	1.03	1.02	1.18
	Right Cheek	1.57	1.11	1.05	1.57
	Right Tilt	1.23	1.19	1.16	1.23
Body 10mm	Front	1.10	1.03	0.86	1.10
	Rear	1.18	1.42	0.92	1.42
	Left	0.56	0.56	0.56	0.56
	Right	1.45	1.59	0.82	1.59
	Bottom	0.82	0.82	0.82	0.82
Top	1.41	1.52	1.42	1.52	

Evaluation of Total exposure ratio for WWAN+WIFI6E+BT

	Position	Main antenna	WiFi 6E MIMO	BT	Total exposure ratio
Highest SAR value for Head	Right Tilt	0.96 (n78 ANT4)	2.24 (WiFi6E)	0.06	0.82
Highest SAR value for Body	Right 10mm	0.38 (LTE B28 ANT0)	6.95 (WiFi6E)	0.05	0.96

Conclusion:

Total exposure ratio calculated by taking ratio of reported SAR divided by SAR limit and adding it to measured power density divided by power density limit. Numerical sum of the two ratios is less than 1.

15 Measurement Uncertainty

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

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

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

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

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	6.55	N	1	1	1	6.55	6.55	∞
2	Isotropy	B	4.7	R	$\sqrt{3}$	0.7	0.7	1.9	1.9	∞
3	Boundary effect	B	2.0	R	$\sqrt{3}$	1	1	1.2	1.2	∞
4	Linearity	B	4.7	R	$\sqrt{3}$	1	1	2.7	2.7	∞
5	Detection limit	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
6	Readout electronics	B	0.3	R	$\sqrt{3}$	1	1	0.3	0.3	∞
7	Response time	B	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
8	Integration time	B	2.6	R	$\sqrt{3}$	1	1	1.5	1.5	∞
9	RF ambient conditions-noise	B	0	R	$\sqrt{3}$	1	1	0	0	∞
10	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	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	B	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.4	∞

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

15.3 SAR Uncertainty Budget (6GHz~10GHz)

No.	Error Description	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)
Measurement System Errors								
1	Probe calibration	18.6	N	2	1	1	9.3	9.3
2	Probe Calibration Drift	1.0	R	$\sqrt{3}$	1	1	1.0	1.0
3	Probe Linearity	4.7	R	$\sqrt{3}$	1	1	2.7	2.7
4	Broadband Signal	3.0	N	2	1	1	1.5	1.5
5	Probe Isotropy	7.6	R	$\sqrt{3}$	1	1	4.4	4.4
6	Data Acquisition	0.3	N	1	1	1	0.3	0.3
7	RF Ambient	1.8	N	1	1	1	1.8	1.8
8	Probe Positioning	0.2	N	1	0.67	0.67	0.1	0.1
9	Data Processing	3.5	N	1	1	1	3.5	3.5
Phantom and Device Errors								
10	Conductivity (meas.) ^{DAK}	2.5	N	1	0.78	0.71	2.0	1.8
11	Conductivity (temp.) ^{BB}	2.4	R	$\sqrt{3}$	0.78	0.71	1.1	1.0
12	Phantom Permittivity	14.0	R	$\sqrt{3}$	0.5	0.5	4.0	4.0
13	Distance DUT - TSL	2.0	N	1	2	2	4.0	4.0
14	Device Holder	3.6	N	1	1	1	3.6	3.6
15	DUT Modulation ^m	2.4	R	$\sqrt{3}$	1	1	1.4	1.4
16	Time-average SAR	2.6	R	$\sqrt{3}$	1	1	1.5	1.5
17	DUT drift	5.0	N	1	1	1	2.9	2.9
Correction to the SAR results								
18	Deviation to	1.9	N	1	1	0.84	1.9	1.6

	Target							
19	SAR scaling ^p	0	R	$\sqrt{3}$	1	1	0	0
Combined standard uncertainty							14.1	14.0
Expanded uncertainty (confidence interval of 95 %)							28.1	28.0

15.4 PD Uncertainty Budget

The budget is valid for evaluation distance $> \lambda/2\pi$. For specific tests and configurations, the uncertainty can be considered smaller.

Error Description		Unc. Value (±dB)	Prob. Dist.	Div.	(C _i)	Std.Unc. (±dB)	(V _i) V _{eff}
Uncertainty terms dependent on the measurement system							
CAL	Calibration	0.49	N	1	1	0.49	∞
FRS	Frequency response	0.20	R	$\sqrt{3}$	1	0.12	∞
ISO	Isotropy	0.50	R	$\sqrt{3}$	1	0.29	∞
LIN	Linearity	0.20	R	$\sqrt{3}$	1	0.12	∞
PPO	Probe positioning offset	0.30	R	$\sqrt{3}$	1	0.17	∞
PPR	Probe positioning repeatability	0.04	R	$\sqrt{3}$	1	0.02	∞
APN	Amplitude and phase noise	0.04	R	$\sqrt{3}$	1	0.02	∞
DAQ	Data acquisition	0.03	N	1	1	0.03	∞
REC	Field reconstruction	0.60	R	$\sqrt{3}$	1	0.35	∞
SAV	Spatial averaging	0.10	R	$\sqrt{3}$	1	0.06	∞
SDL	System detection limit	0.04	R	$\sqrt{3}$	1	0.02	∞
Uncertainty terms dependent on the DUT and environmental factors							
MOD	Modulation response	0.40	R	$\sqrt{3}$	1	0.23	∞
DH	Device holder influence	0.10	R	$\sqrt{3}$	1	0.06	∞
AC	RF ambient conditions	0.04	R	$\sqrt{3}$	1	0.02	∞
AR	Ambient reflections	0.04	R	$\sqrt{3}$	1	0.02	∞
DRI	Drift of the DUT	0.02	R	$\sqrt{3}$	1	0.01	∞
Combined Standard Uncertainty						0.76	∞
Expanded Standard Uncertainty (95%)						1.52	

16 MAIN TEST INSTRUMENTS

Table 16.1: List of Main Instruments

No.	Name	Type	Serial Number	Calibration Date	Valid Period
01	Network analyzer	N5071C	MY46110673	December 18, 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	Power sensor	NRP50S	101488	May 30, 2025	One year
06	Power sensor	NRP50S	101489		
07	Signal Generator	E4438C	MY49071430	December 19 2024	One Year
08	Amplifier	60S1G4	0331848	No Calibration Requested	
09	BTS	CMW500	159889	January 21, 2025	One year
10	DAE	DAE4ip	1832	December 31,2024	One year
11	E-field Probe	EX3DV4	7825	November 11,2024	One year
12	DAE	DAE4	1834	November 25,2024	One year
13	E-field Probe	EX3DV4	7464	January 28,2025	One year
14	DAE	DAE4	549	October 30,2024	One year
15	EummWV Probe	EummWV4	9492	January 10, 2025	One year
16	Dipole Validation Kit	D750V3	1017	July 9,2024	One year
17	Dipole Validation Kit	D835V2	4d069	July 9,2024	One year
18	Dipole Validation Kit	D1750V2	1003	July 11,2024	One year
19	Dipole Validation Kit	D1900V2	5d101	July 8,2024	One year
20	Dipole Validation Kit	D2450V2	853	July 10,2024	One year
21	Dipole Validation Kit	D2600V2	1012	July 10,2024	One year
22	Dipole Validation Kit	D3500V2	1016	June 13,2024	One year
23	Dipole Validation Kit	D3700V2	1004	June 13,2024	One year
24	Dipole Validation Kit	D3900V2	1024	June 14,2024	One year
25	Dipole Validation Kit	D5GHzV2	1060	June 12,2024	One year
26	Dipole Validation Kit	D6.5GHzV2	1059	October 07,2024	One year
27	5G Verification Source	10 GHz	1005	January 14,2025	One year

END OF REPORT BODY



Appendixes

Refer to separated files for the following appendixes

ANNEX A Graph Results

ANNEX B System Verification Results

ANNEX C SAR Measurement Setup

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

ANNEX E Equivalent Media Recipes

ANNEX F System Validation

ANNEX G Probe Calibration Certificate

ANNEX H Dipole Calibration Certificate

ANNEX I SAR Sensor Triggering Data Summary

ANNEX J Accreditation Certificate